

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038892.D
 Acq On : 17 Nov 2023 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 22:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	139846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108495	48.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.385	113	89596	47.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.647	98	338300	46.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	133054	46.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82222	50.389	ug/l	99
3) Chloromethane	1.294	50	95115	44.660	ug/l	99
4) Vinyl Chloride	1.374	62	97150	47.355	ug/l	99
5) Bromomethane	1.599	94	50269	59.264	ug/l	100
6) Chloroethane	1.678	64	58782	50.208	ug/l	98
7) Trichlorofluoromethane	1.886	101	131437	50.488	ug/l	98
8) Diethyl Ether	2.136	74	54236	47.833	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	78980	45.747	ug/l	98
10) Methyl Iodide	2.453	142	98732	46.986	ug/l	92
11) Tert butyl alcohol	2.959	59	161843	258.229	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	80335	46.090	ug/l	90
13) Acrolein	2.233	56	86434	260.669	ug/l	98
14) Allyl chloride	2.660	41	161993	46.420	ug/l	92
15) Acrylonitrile	3.062	53	322497	243.522	ug/l	99
16) Acetone	2.380	43	285429	237.942	ug/l #	89
17) Carbon Disulfide	2.508	76	220704	40.878	ug/l	99
18) Methyl Acetate	2.703	43	293262	51.469	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	301070	49.110	ug/l	100
20) Methylene Chloride	2.788	84	96452	44.604	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	88236	45.879	ug/l	93
22) Diisopropyl ether	3.757	45	309757	48.384	ug/l	95
23) Vinyl Acetate	3.721	43	1107058	240.103	ug/l	98
24) 1,1-Dichloroethane	3.611	63	170253	47.556	ug/l	98
25) 2-Butanone	4.556	43	470937	242.093	ug/l	94
26) 2,2-Dichloropropane	4.477	77	137882	44.400	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	104888	46.788	ug/l	95
28) Bromochloromethane	4.897	49	84678	49.264	ug/l	99
29) Tetrahydrofuran	5.001	42	309972	250.961	ug/l	98
30) Chloroform	5.092	83	170845	48.871	ug/l	99
31) Cyclohexane	5.470	56	148271	46.086	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	147752	48.796	ug/l	99
36) 1,1-Dichloropropene	5.690	75	124245	45.919	ug/l	98
37) Ethyl Acetate	4.714	43	170145	48.266	ug/l	98
38) Carbon Tetrachloride	5.678	117	123889	49.541	ug/l	97
39) Methylcyclohexane	7.379	83	155226	43.982	ug/l	94
40) Benzene	6.037	78	377018	47.111	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90676	49.595	ug/l	93
42) 1,2-Dichloroethane	6.086	62	132439	49.950	ug/l	98
43) Isopropyl Acetate	6.342	43	273428	48.534	ug/l	97
44) Trichloroethene	7.129	130	94758	48.645	ug/l	99
45) 1,2-Dichloropropane	7.433	63	103265	47.950	ug/l	100
46) Dibromomethane	7.580	93	70901	49.368	ug/l	97
47) Bromodichloromethane	7.824	83	137782	48.336	ug/l	98
48) Methyl methacrylate	7.690	41	128686	47.079	ug/l	93
49) 1,4-Dioxane	7.659	88	56458	1067.630	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	907562	252.082	ug/l	99
52) Toluene	8.720	92	235507	47.423	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	160201	47.293	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	168082	48.037	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	99450	47.994	ug/l	93
56) Ethyl methacrylate	9.116	69	171235	48.841	ug/l	95
57) 1,3-Dichloropropane	9.305	76	166610	48.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	406465	248.871	ug/l	96
59) 2-Hexanone	9.427	43	720626	249.722	ug/l	96
60) Dibromochloromethane	9.518	129	103897	49.312	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106118	48.804	ug/l	99
64) Tetrachloroethene	9.275	164	71558	46.876	ug/l	97
65) Chlorobenzene	10.079	112	249568	47.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	91471	48.067	ug/l	98
67) Ethyl Benzene	10.195	91	462777	47.613	ug/l	100
68) m/p-Xylenes	10.299	106	350492	95.329	ug/l	99
69) o-Xylene	10.640	106	172145	47.318	ug/l	99
70) Styrene	10.652	104	290558	47.291	ug/l	98
71) Bromoform	10.799	173	77986	49.159	ug/l #	99
73) Isopropylbenzene	10.963	105	449612	46.859	ug/l	100
74) N-amyl acetate	10.841	43	242610	47.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174605	46.616	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	146494m	47.678	ug/l	
77) Bromobenzene	11.195	156	100353	46.546	ug/l	96
78) n-propylbenzene	11.305	91	550604	46.620	ug/l	99
79) 2-Chlorotoluene	11.366	91	322351	45.990	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	382761	47.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	62660	45.235	ug/l #	81
82) 4-Chlorotoluene	11.451	91	375993	46.523	ug/l	99
83) tert-Butylbenzene	11.713	119	380382	47.874	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	385172	47.169	ug/l	99
85) sec-Butylbenzene	11.890	105	490047	47.151	ug/l	99
86) p-Isopropyltoluene	12.006	119	389121	46.640	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	195069	46.204	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	197775	45.770	ug/l	98
89) n-Butylbenzene	12.335	91	385958	45.851	ug/l	98
90) Hexachloroethane	12.536	117	79057	47.451	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	193429	48.305	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45372	49.442	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	124820	46.516	ug/l	98
94) Hexachlorobutadiene	13.725	225	43950	46.250	ug/l	99
95) Naphthalene	13.774	128	472259	47.254	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	120972	47.557	ug/l	99

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Instrument :
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VSTDCCC050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

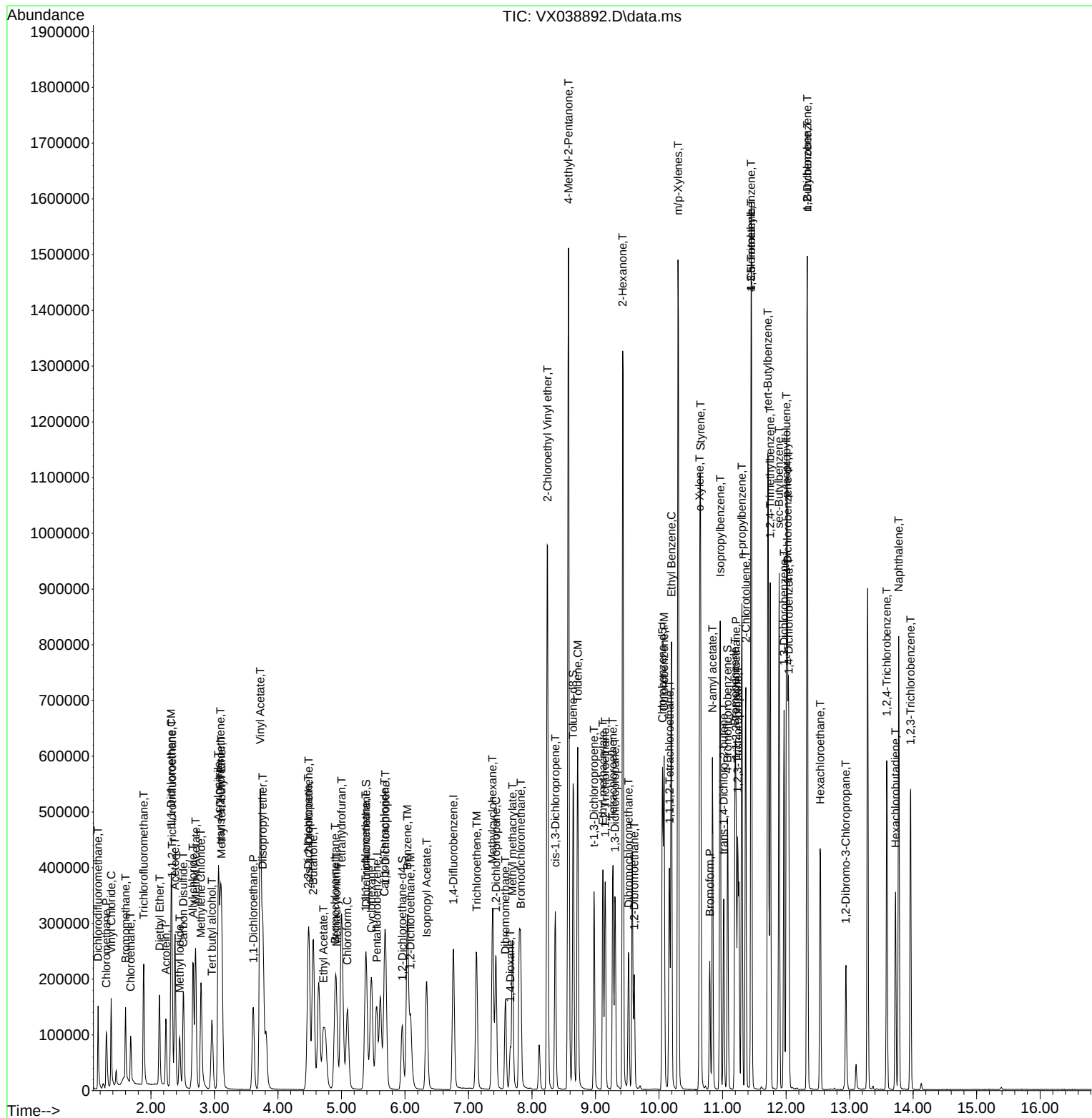
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
Data File : VX038892.D
Acq On : 17 Nov 2023 19:44
Operator : JC/MD
Sample : VSTDECC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

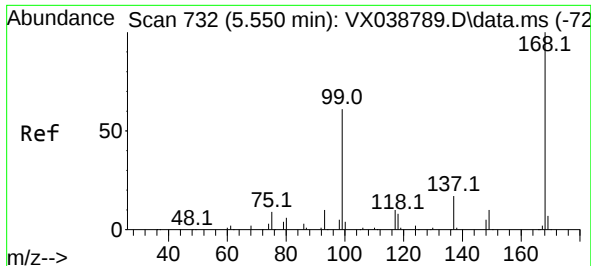
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ClientSampleId :
VSTDECC050EC

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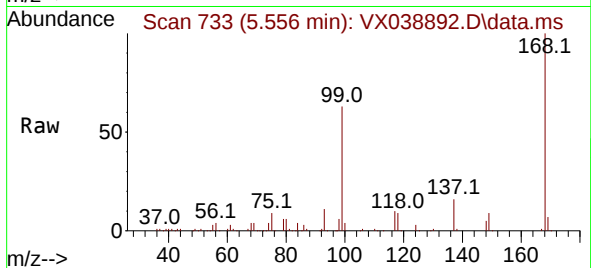
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038892.D
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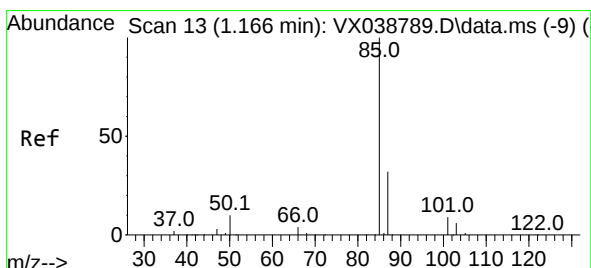
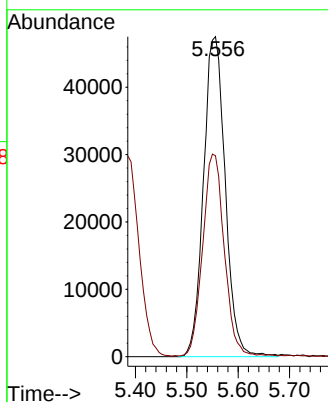
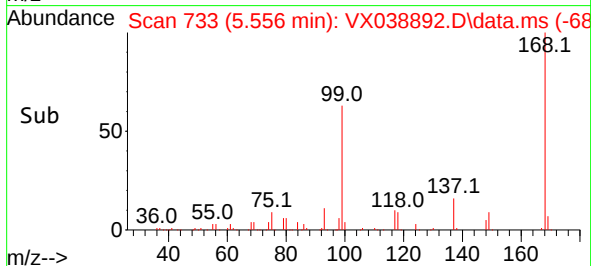
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 139840
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0

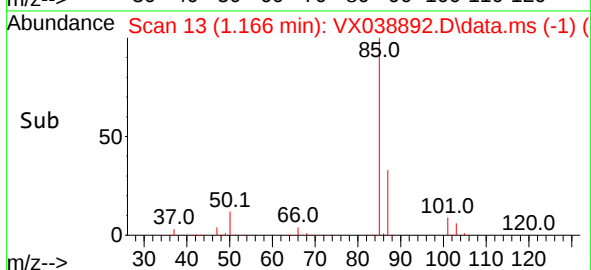
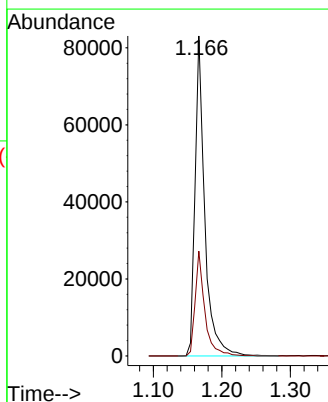
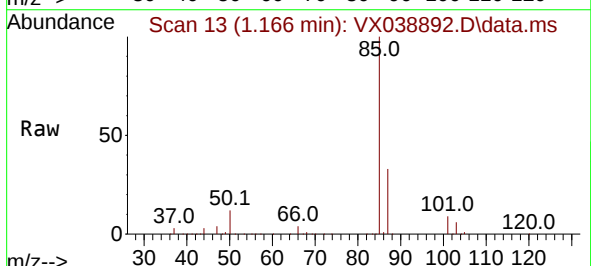
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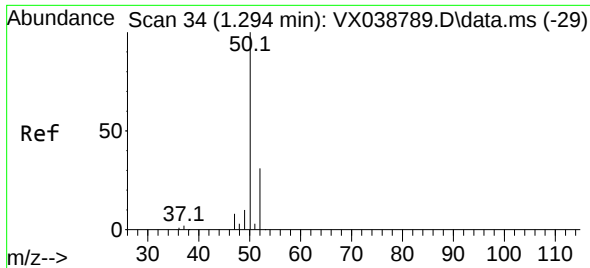
Reviewed By :John Carlone 11/18/2023
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#2
Dichlorodifluoromethane
Concen: 50.389 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

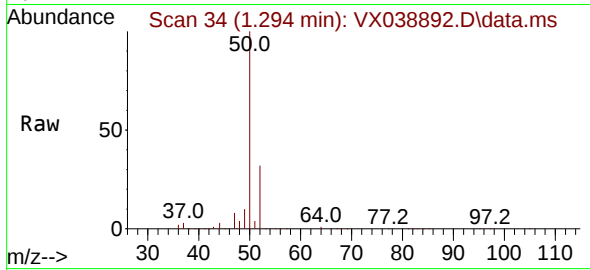
Tgt Ion: 85 Resp: 82222
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 44.660 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

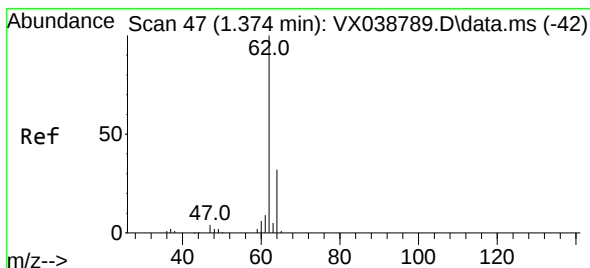
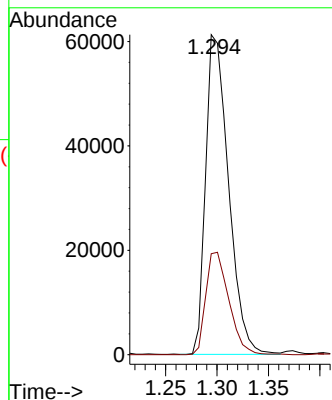
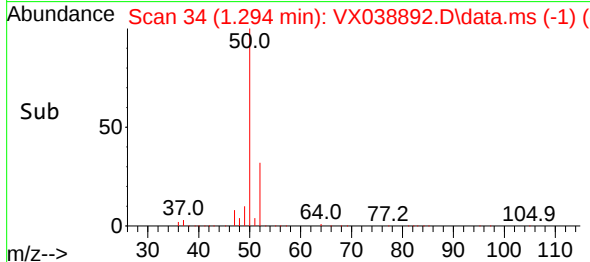
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 95115
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

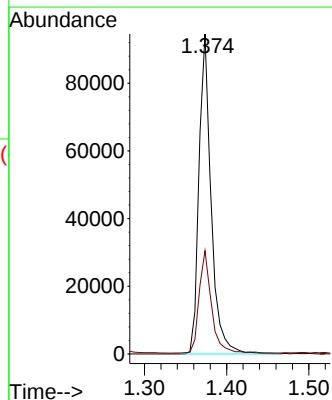
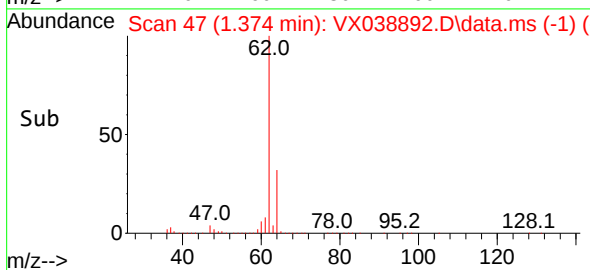
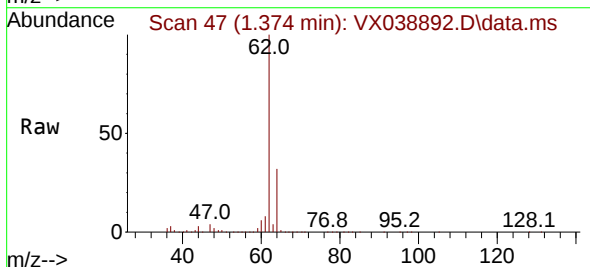
Manual Integrations
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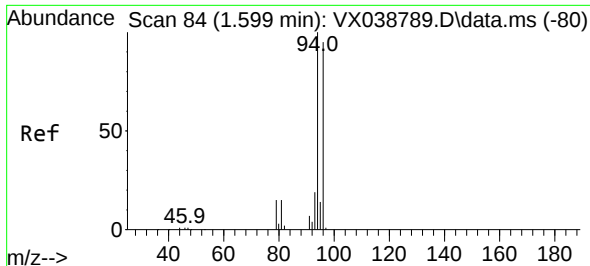
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 47.355 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

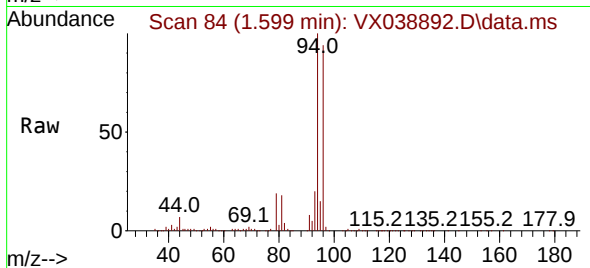
Tgt Ion: 62 Resp: 97150
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 59.264 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

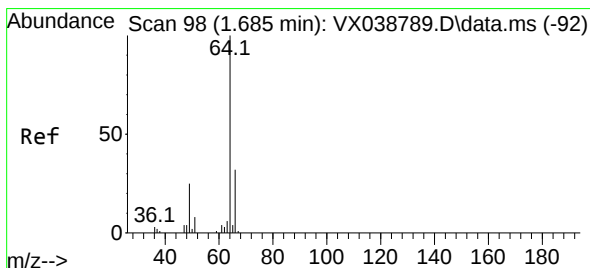
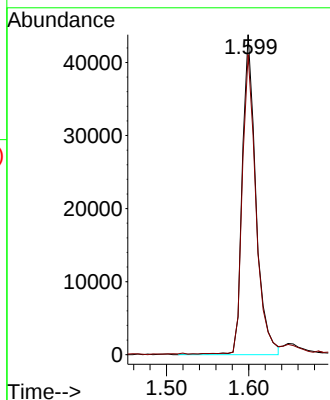
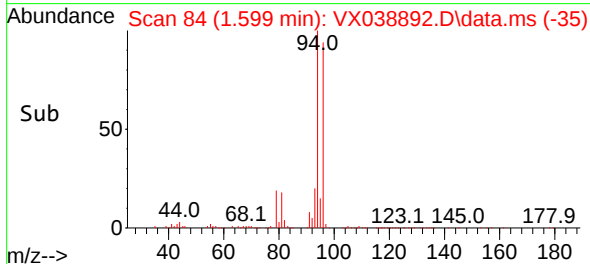
Instrument :
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Tgt Ion: 94 Resp: 50269
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

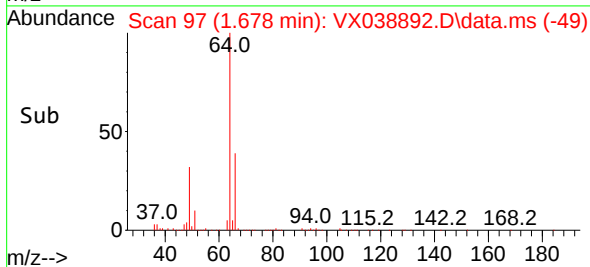
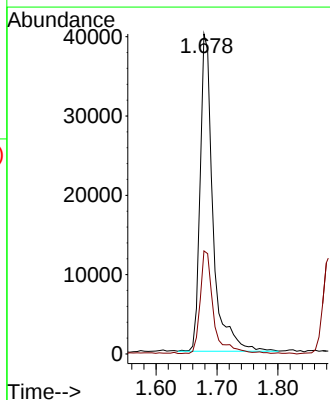
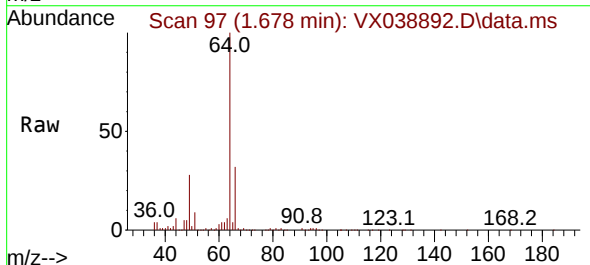
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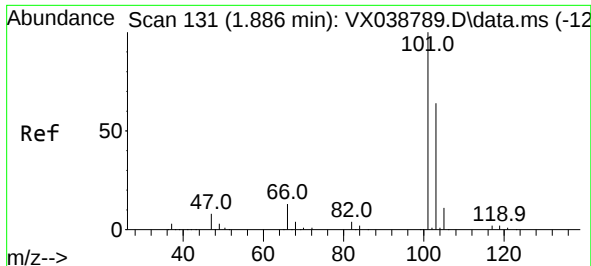
Reviewed By :John Carlone 11/18/2023
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#6
Chloroethane
Concen: 50.208 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

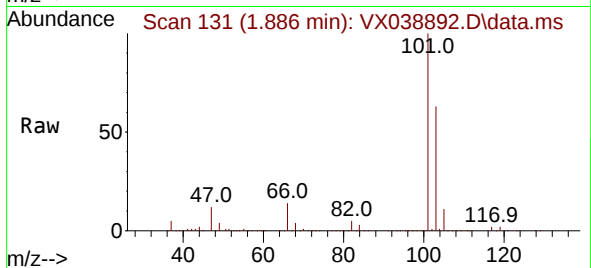
Tgt Ion: 64 Resp: 58782
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.488 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

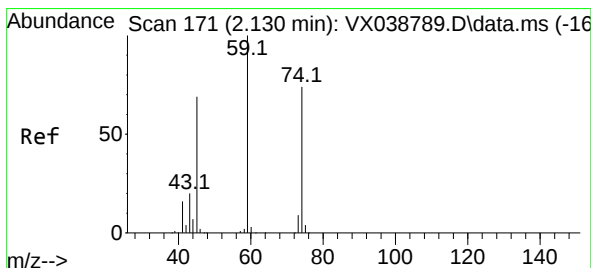
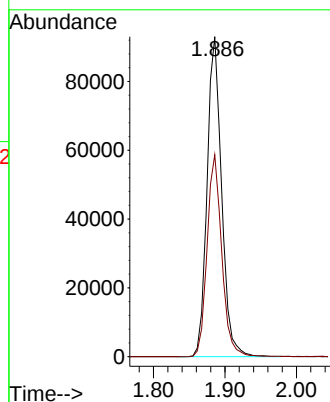
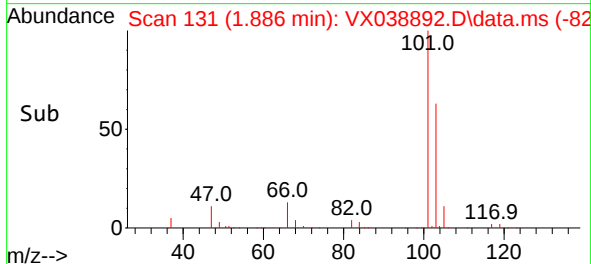
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Tgt Ion:101 Resp: 13143
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

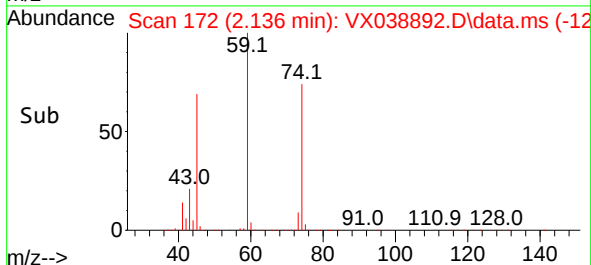
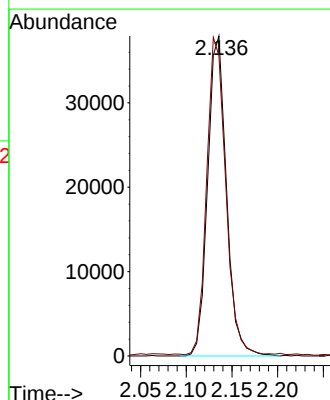
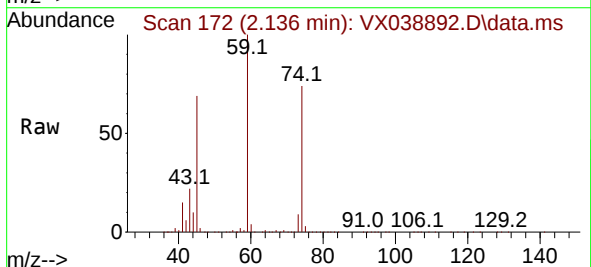
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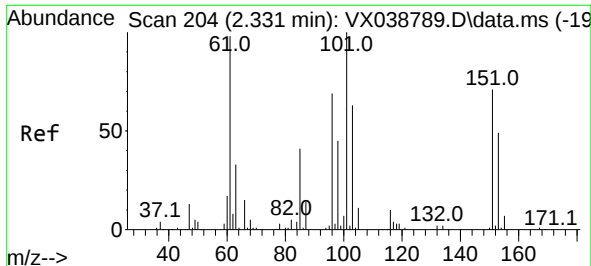
Reviewed By :John Carlone 11/18/2023
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#8
Diethyl Ether
Concen: 47.833 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 74 Resp: 54236
Ion Ratio Lower Upper
74 100
45 100.1 53.3 159.8





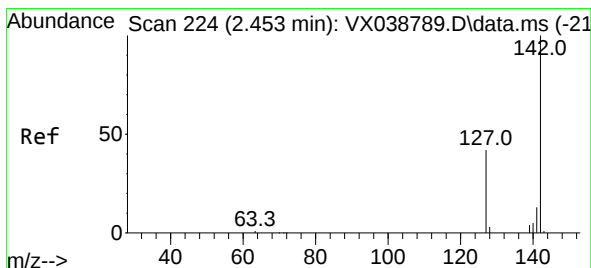
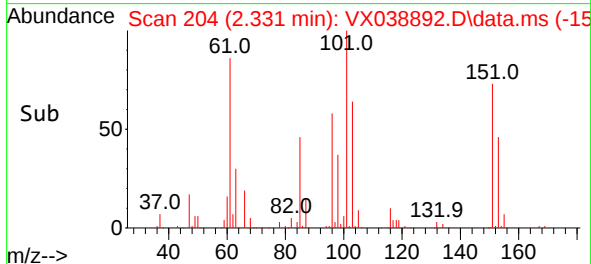
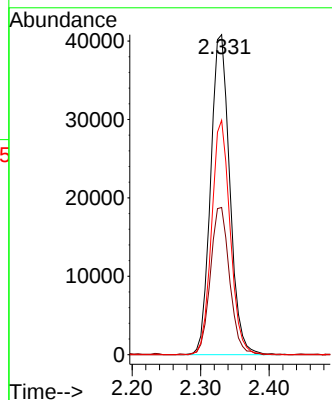
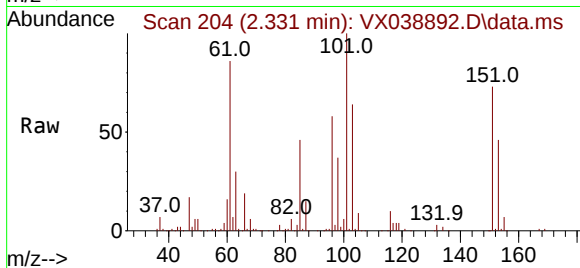
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.747 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 78980
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 71.1 58.6 87.8

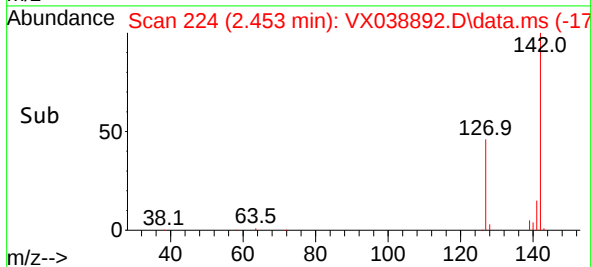
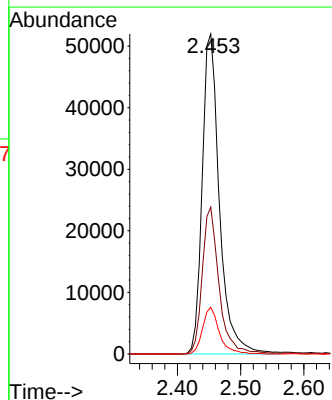
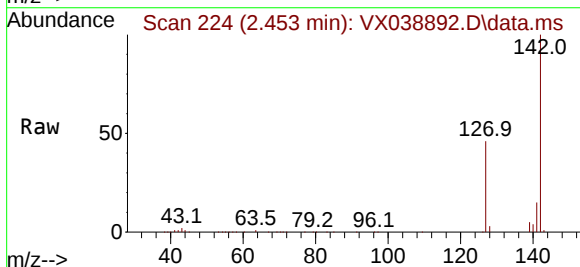
Manual Integrations
APPROVED

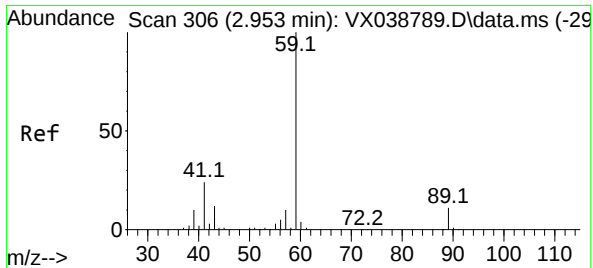
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 46.986 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

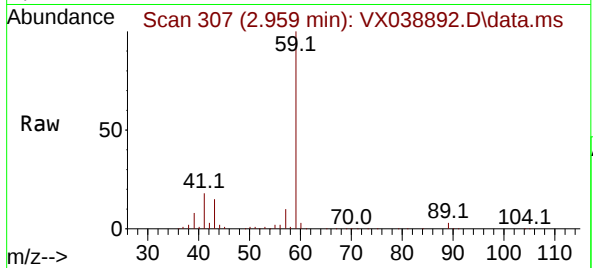
Tgt Ion:142 Resp: 98732
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 258.229 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

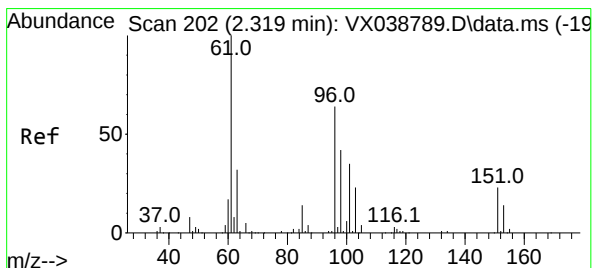
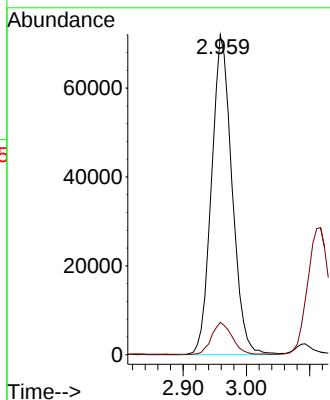
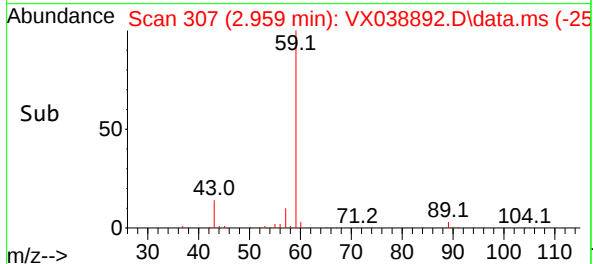
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



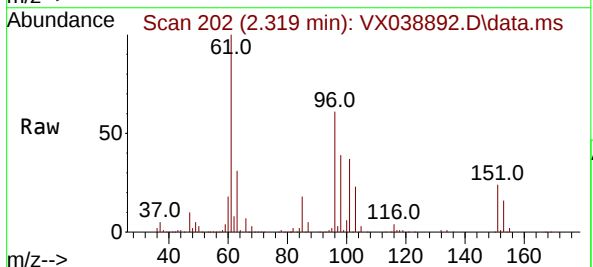
Tgt Ion: 59 Resp: 16184
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

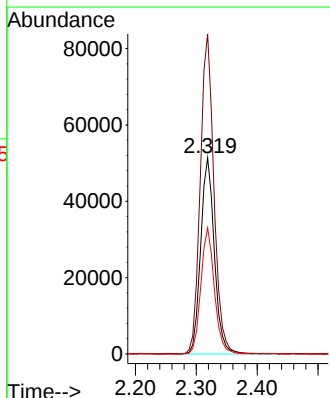
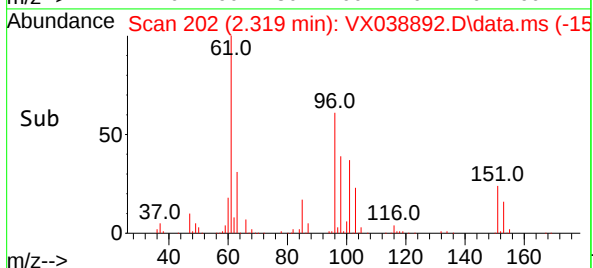
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

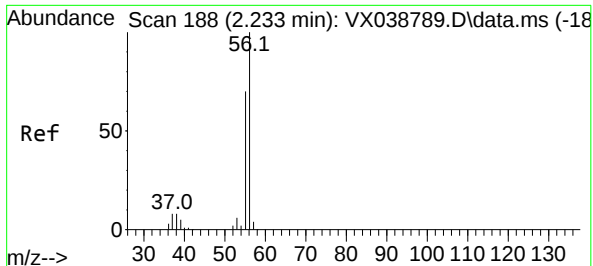


#12
1,1-Dichloroethene
Concen: 46.090 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



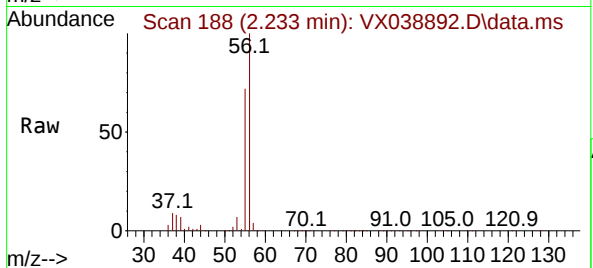
Tgt Ion: 96 Resp: 80335
Ion Ratio Lower Upper
96 100
61 163.2 144.6 216.8
98 64.3 50.4 75.6





#13
Acrolein
Concen: 260.669 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

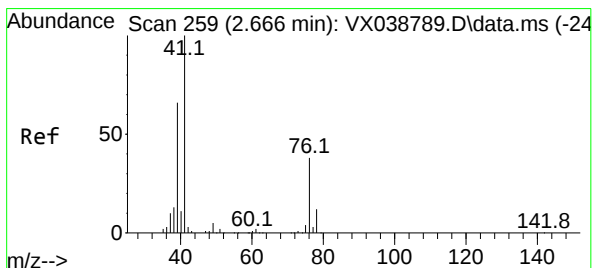
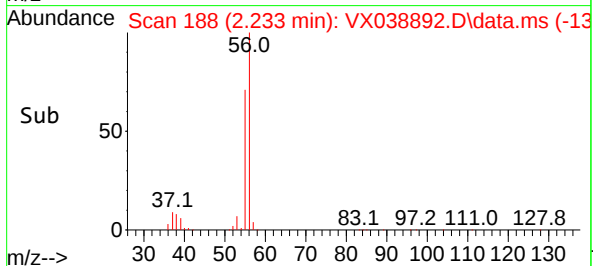
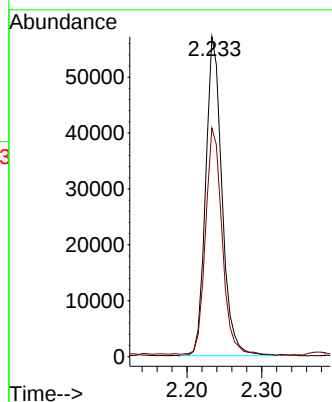
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 86434
Ion Ratio Lower Upper
56 100
55 73.1 57.1 85.7

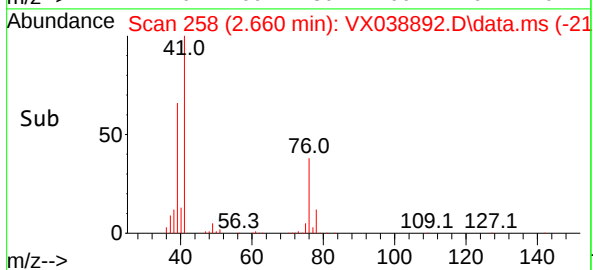
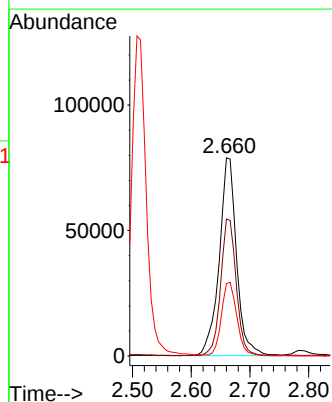
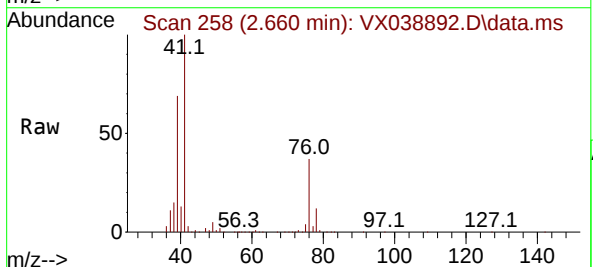
Manual Integrations
APPROVED

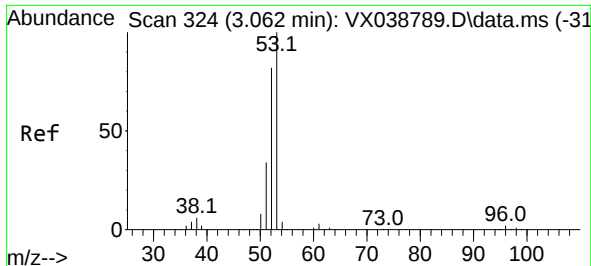
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 46.420 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

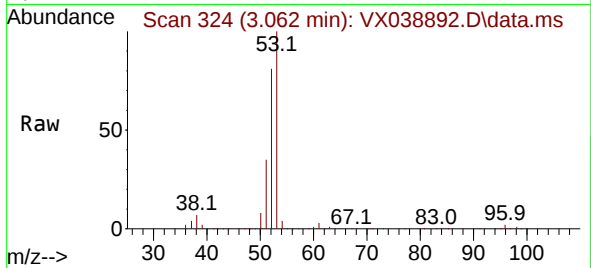
Tgt Ion: 41 Resp: 161993
Ion Ratio Lower Upper
41 100
39 61.8 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 243.522 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

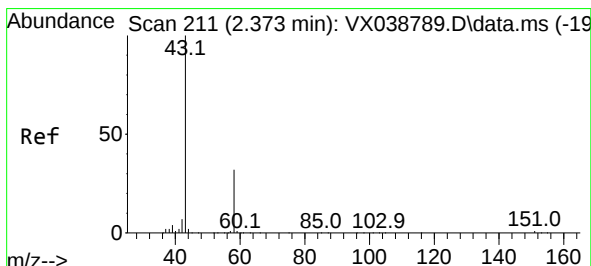
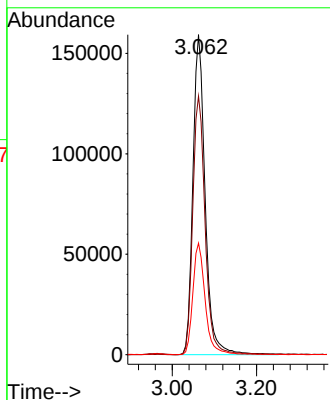
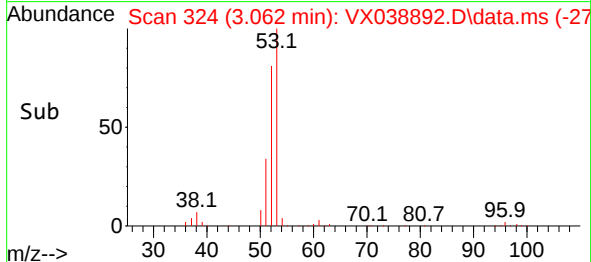
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 32249
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.3 29.8 44.6

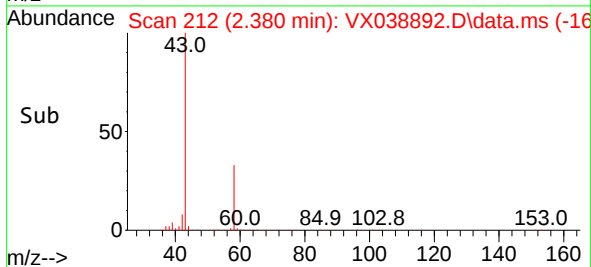
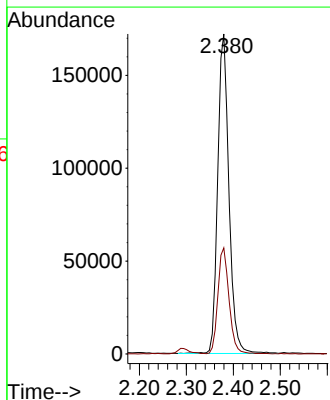
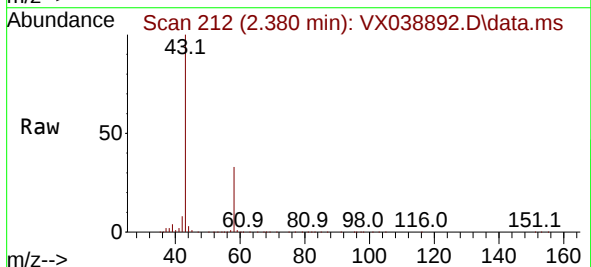
Manual Integrations
APPROVED

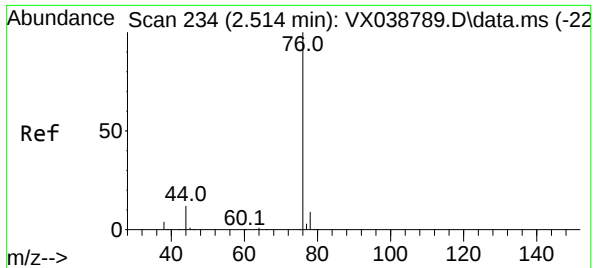
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 237.942 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 43 Resp: 285429
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





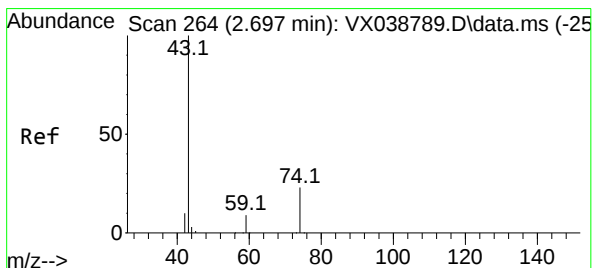
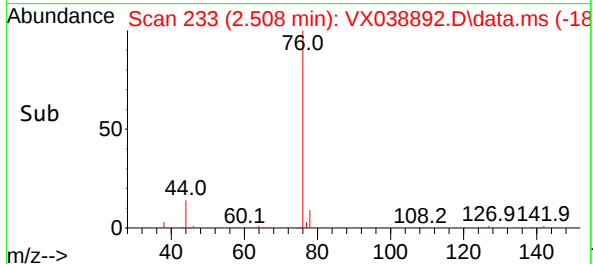
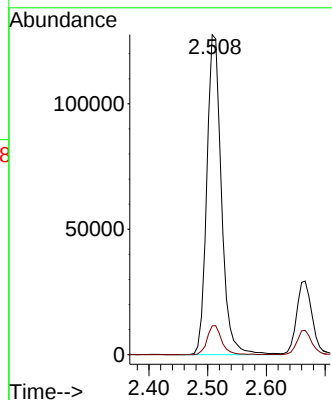
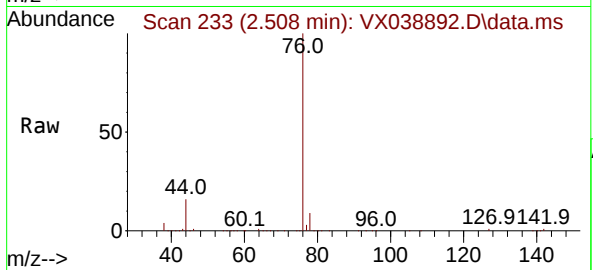
#17
Carbon Disulfide
Concen: 40.878 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 220704
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

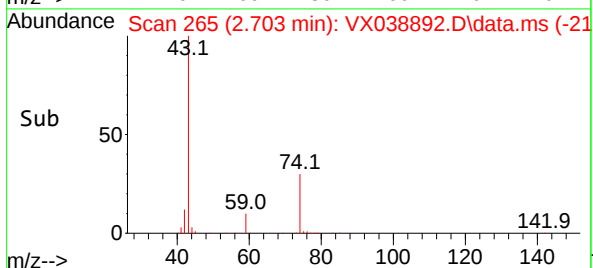
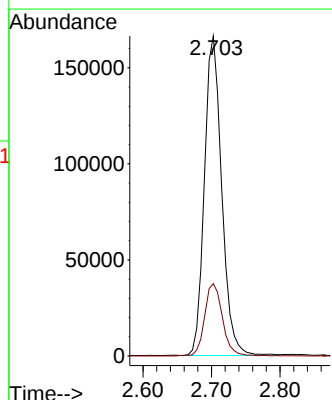
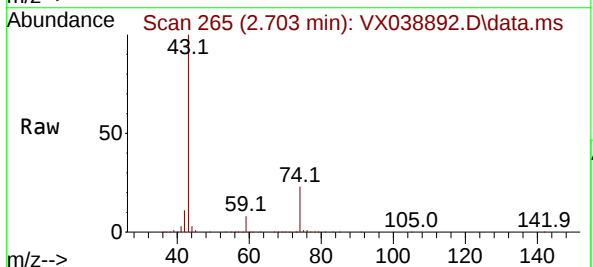
Manual Integrations
APPROVED

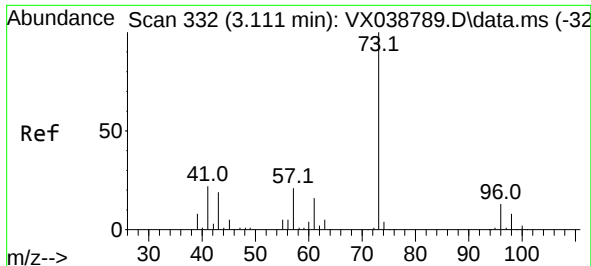
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 51.469 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

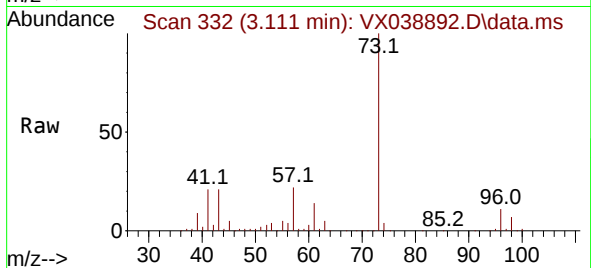
Tgt Ion: 43 Resp: 293262
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.110 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

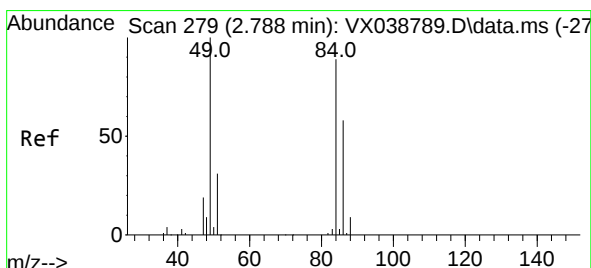
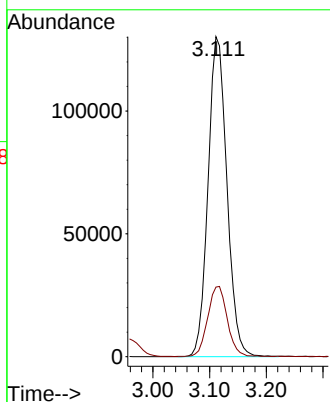
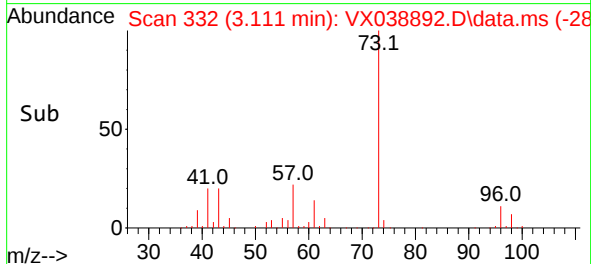
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 301070
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

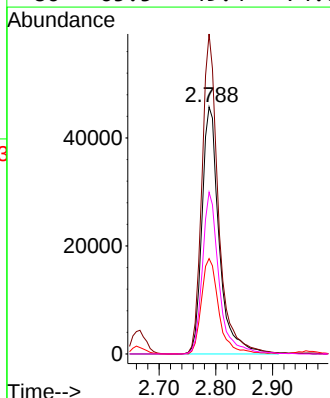
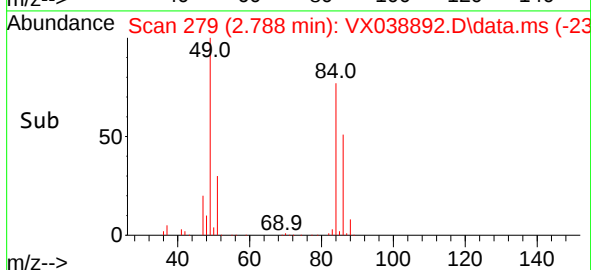
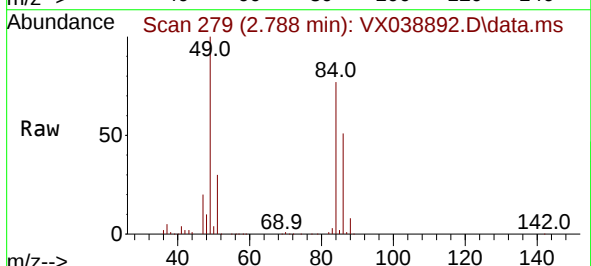
Manual Integrations
APPROVED

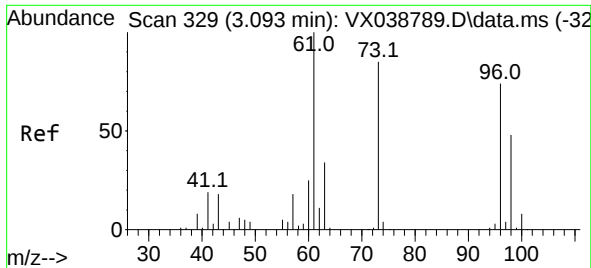
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 44.604 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

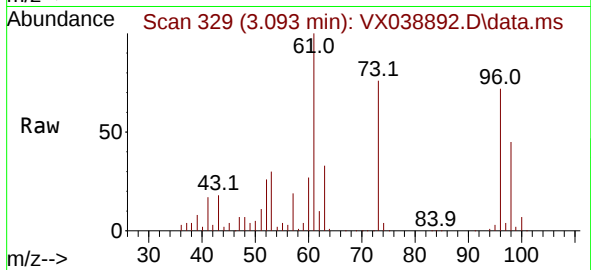
Tgt Ion: 84 Resp: 96452
Ion Ratio Lower Upper
84 100
49 129.6 103.6 155.4
51 38.6 33.8 50.6
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.879 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

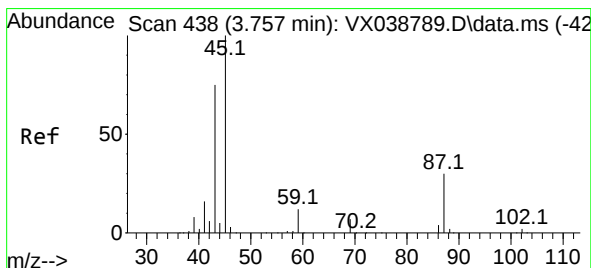
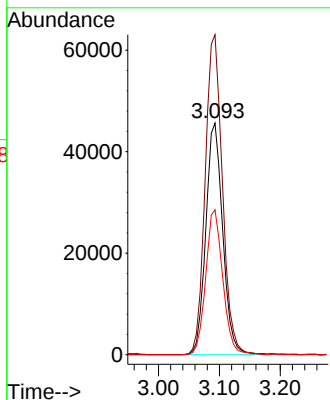
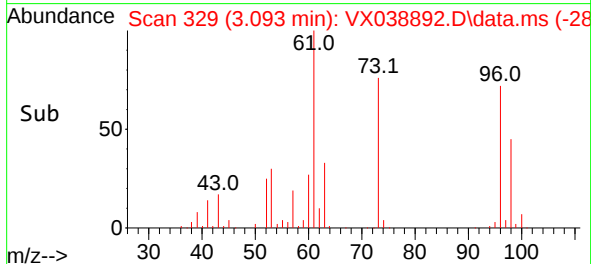
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 88230
Ion Ratio Lower Upper
96 100
61 138.2 119.2 178.8
98 62.6 48.7 73.1

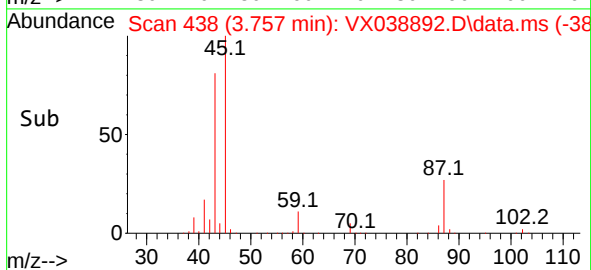
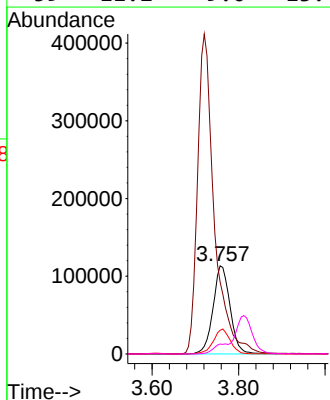
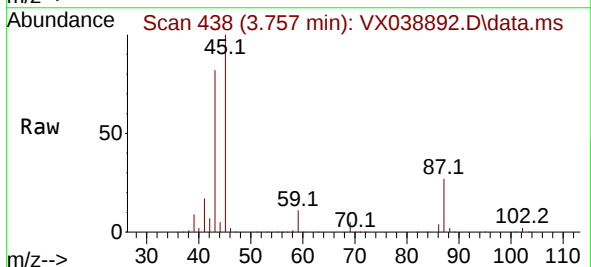
Manual Integrations
APPROVED

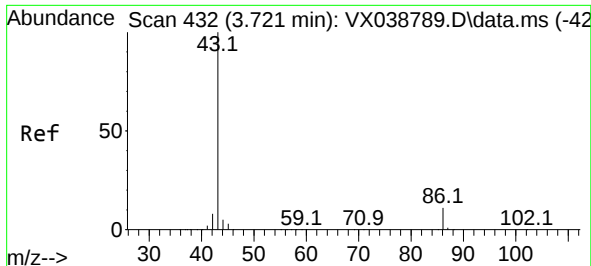
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 48.384 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

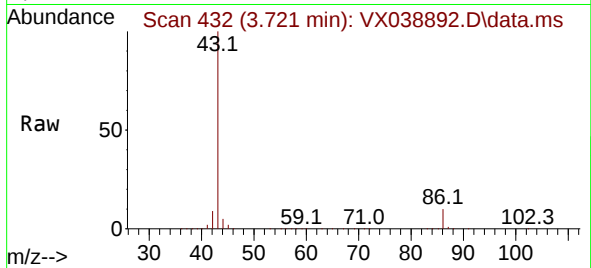
Tgt Ion: 45 Resp: 309757
Ion Ratio Lower Upper
45 100
43 81.5 69.7 104.5
87 26.8 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 240.103 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44

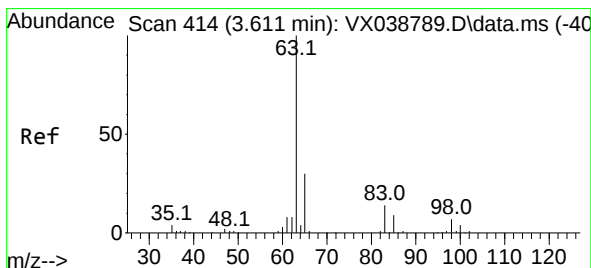
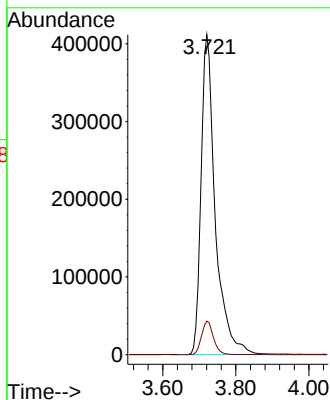
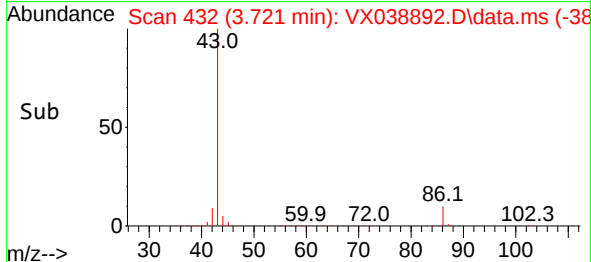
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



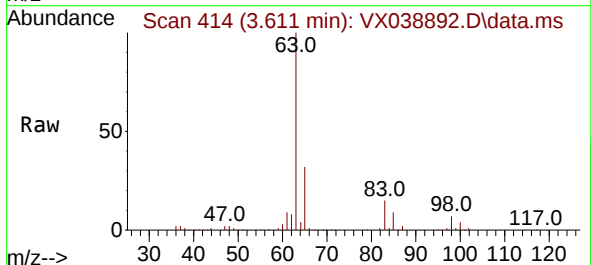
Tgt Ion: 43 Resp: 1107058
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

Manual Integrations
 APPROVED

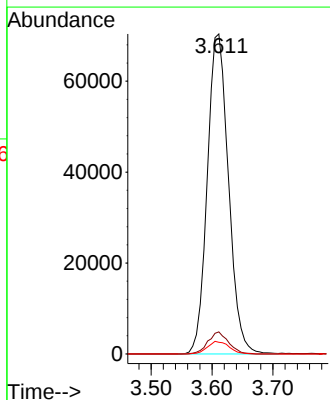
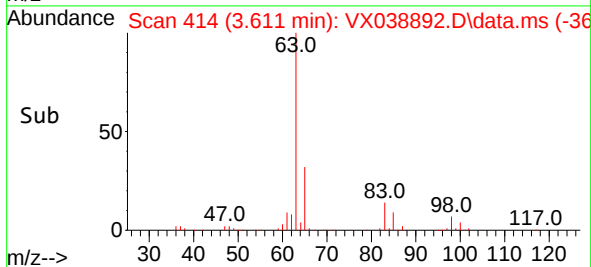
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

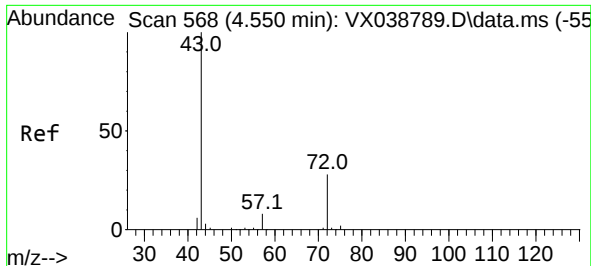


#24
 1,1-Dichloroethane
 Concen: 47.556 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44



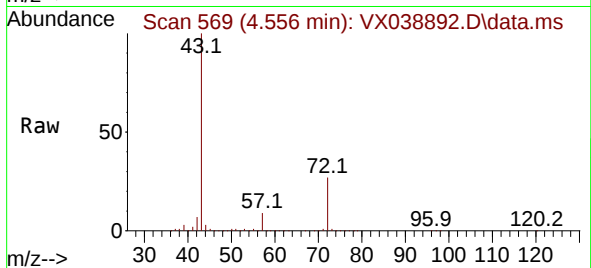
Tgt Ion: 63 Resp: 170253
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 242.093 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

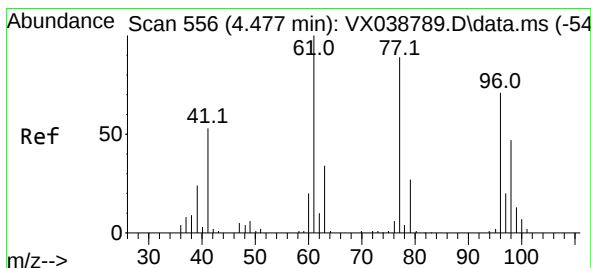
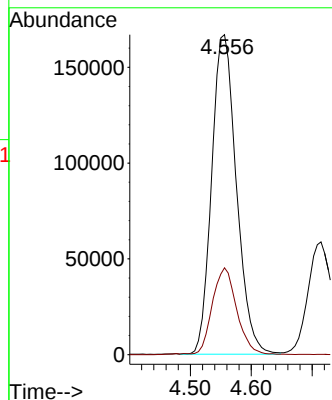
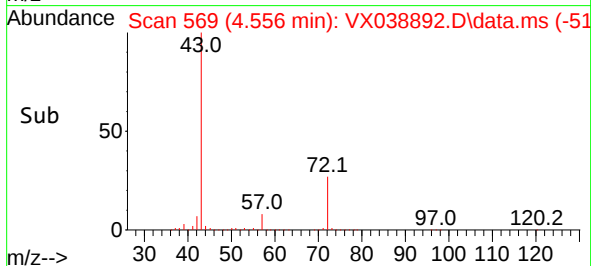
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47093
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

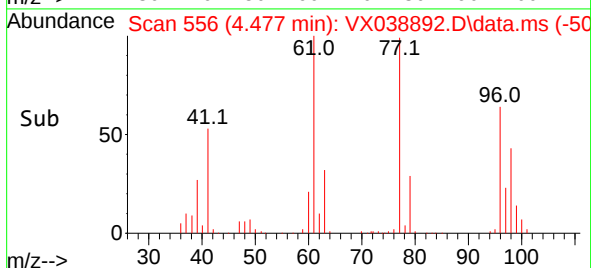
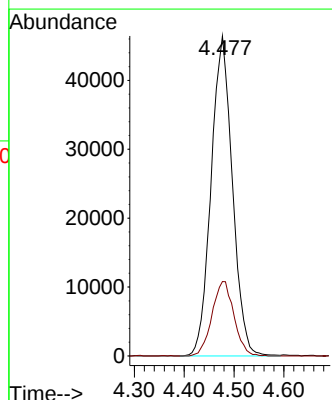
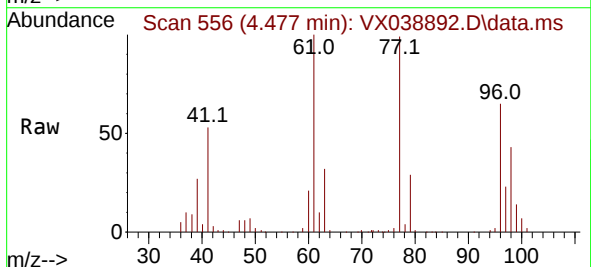
Manual Integrations
APPROVED

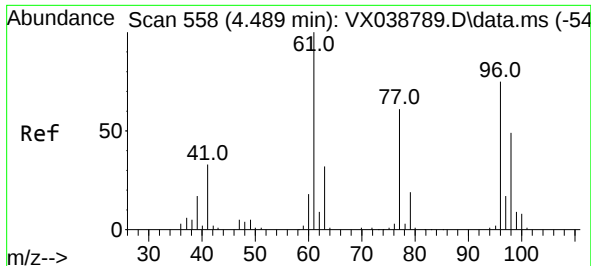
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 44.400 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

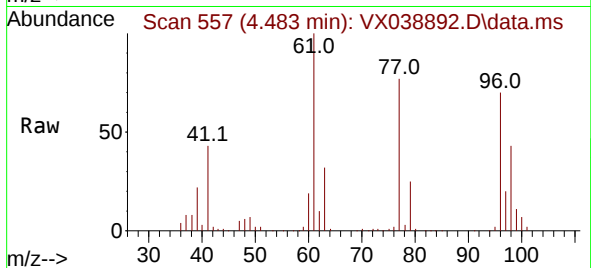
Tgt Ion: 77 Resp: 137882
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.788 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44

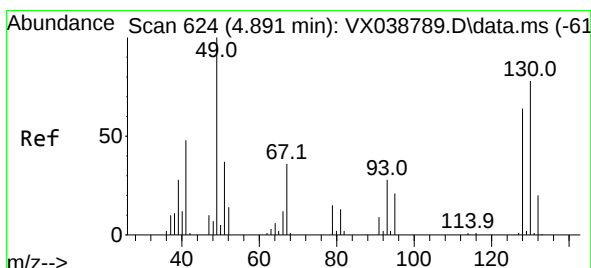
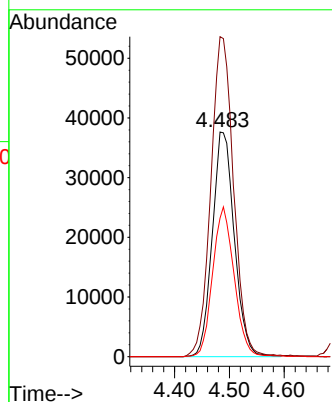
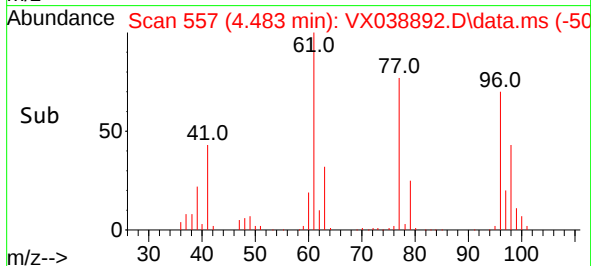
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10488
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 312.2
 98 65.0 0.0 129.0

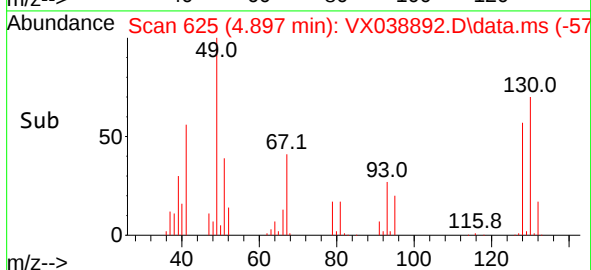
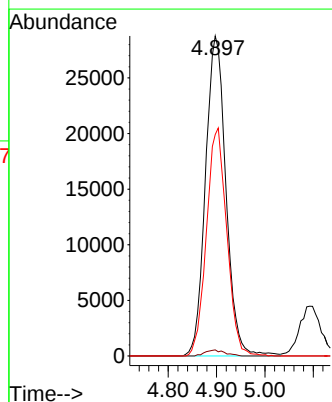
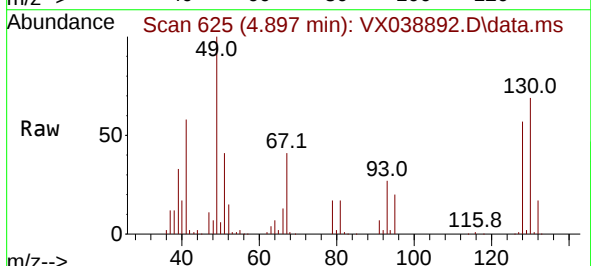
Manual Integrations
 APPROVED

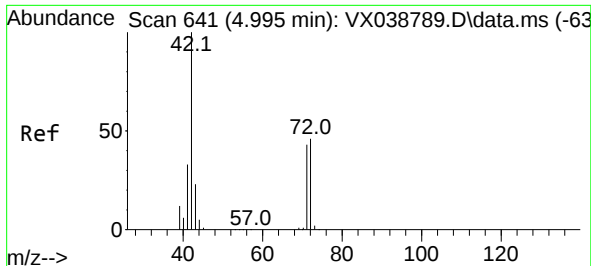
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 49.264 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44

Tgt Ion: 49 Resp: 84678
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.961 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 309972

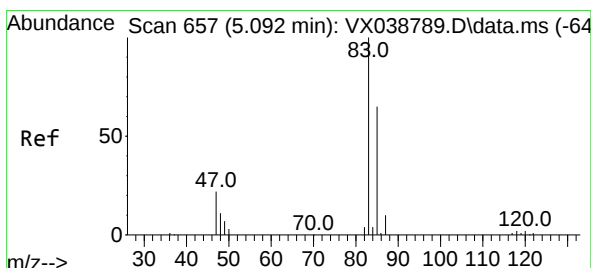
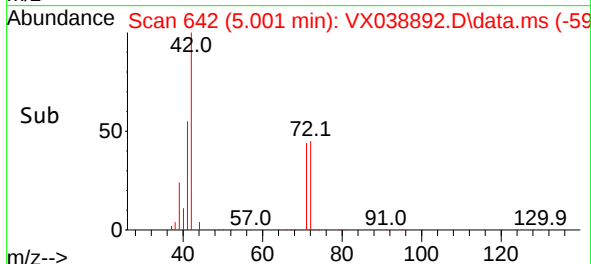
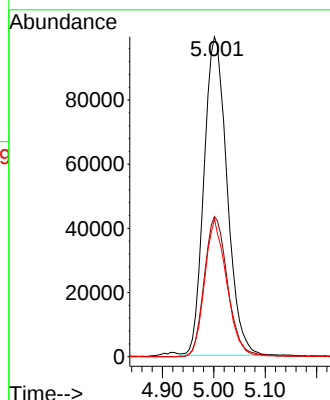
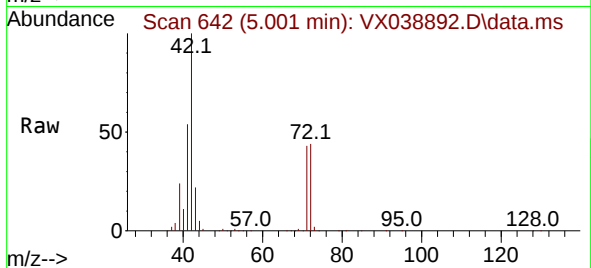
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	41.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 48.871 ug/l

RT: 5.092 min Scan# 657

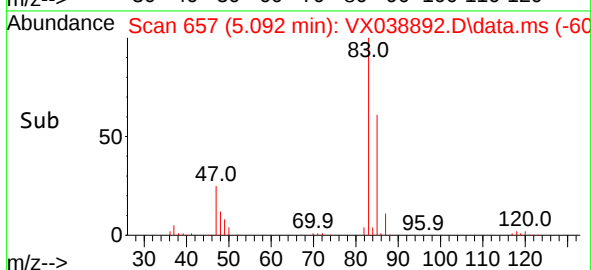
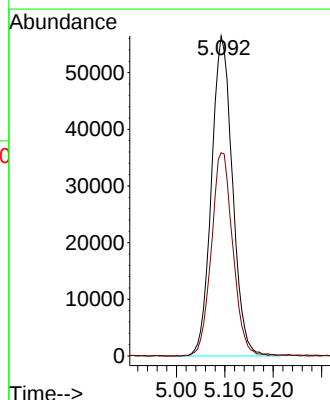
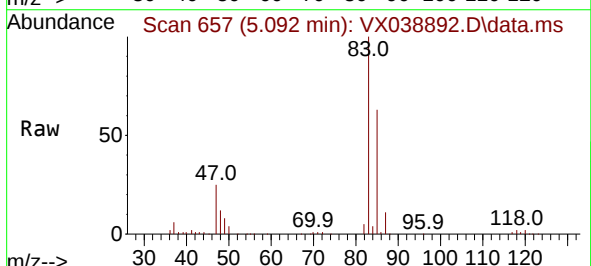
Delta R.T. -0.000 min

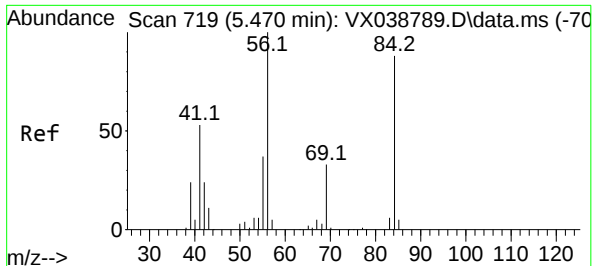
Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Tgt Ion: 83 Resp: 170845

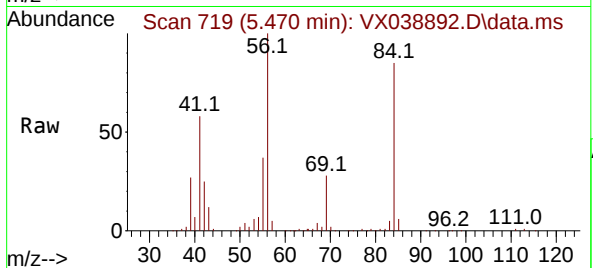
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.3	75.5





#31
Cyclohexane
Concen: 46.086 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

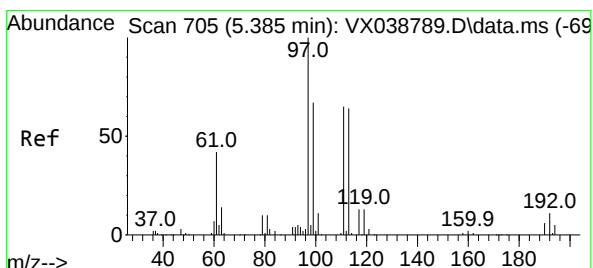
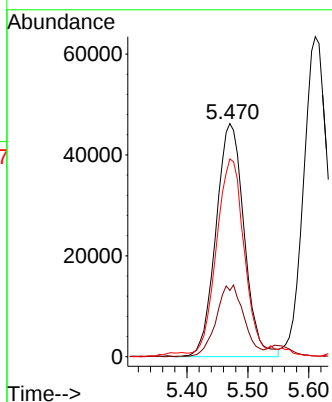
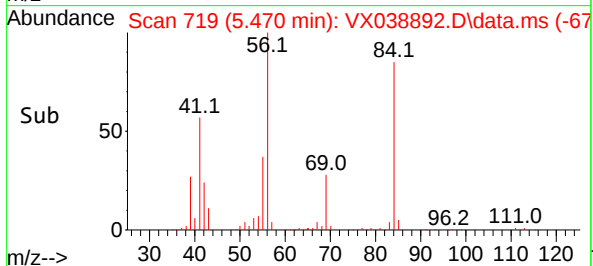
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14827
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.2
84 83.3 65.9 98.9

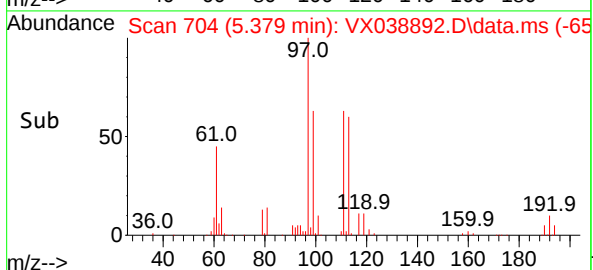
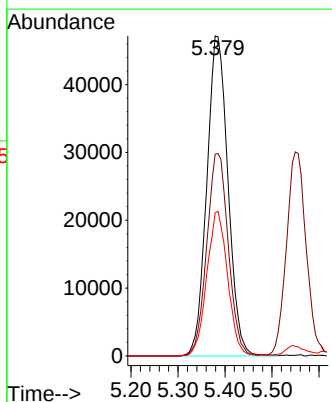
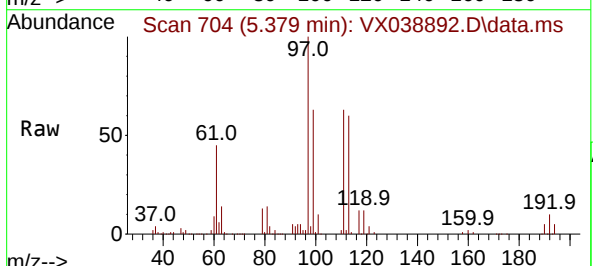
Manual Integrations
APPROVED

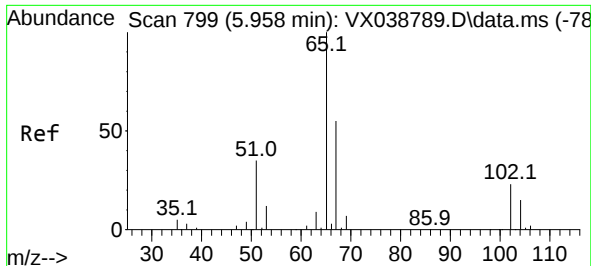
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 48.796 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 97 Resp: 147752
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.4 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.147 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

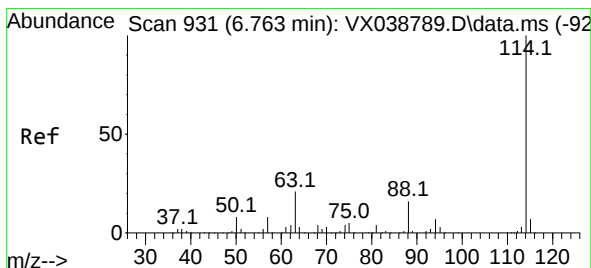
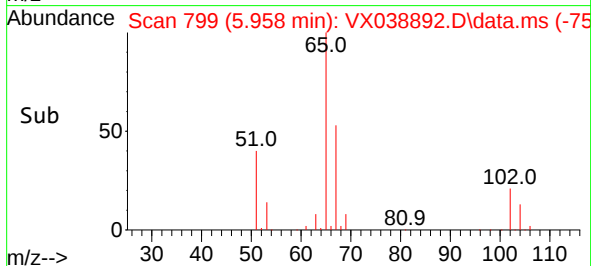
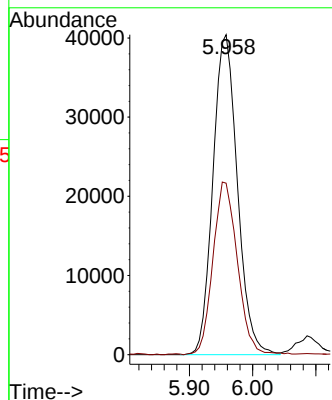
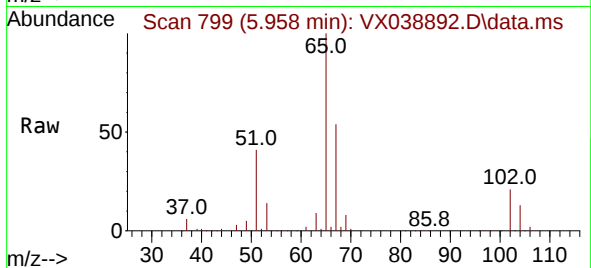
VSTDCCC050EC

Tgt Ion: 65 Resp: 108495
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

Manual Integrations

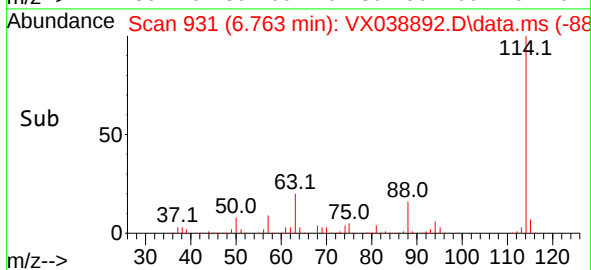
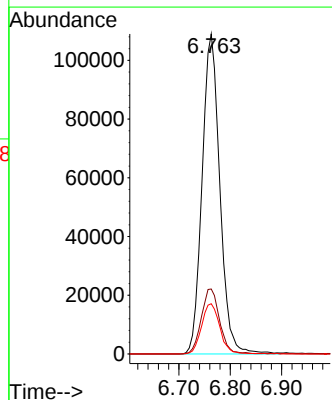
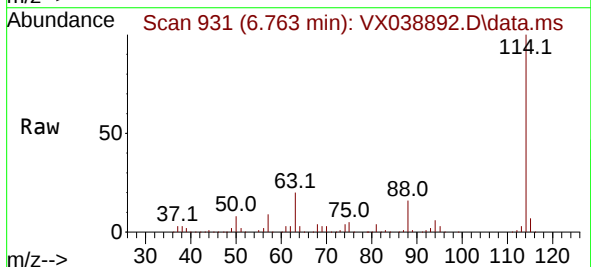
APPROVED

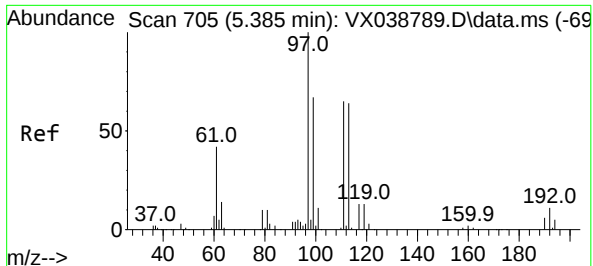
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion:114 Resp: 261395
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.459 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 89590

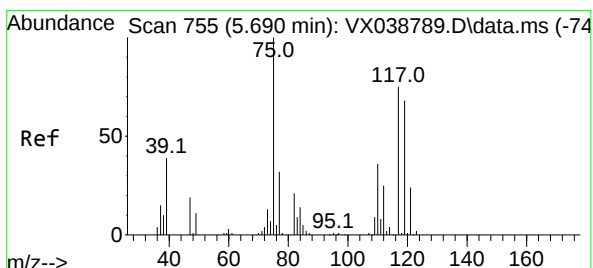
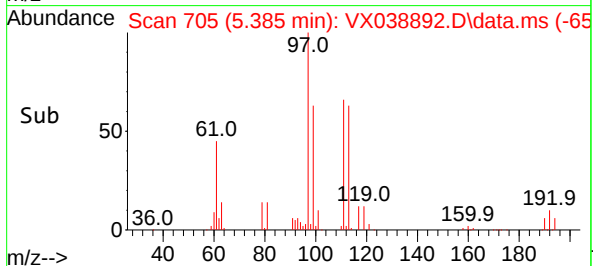
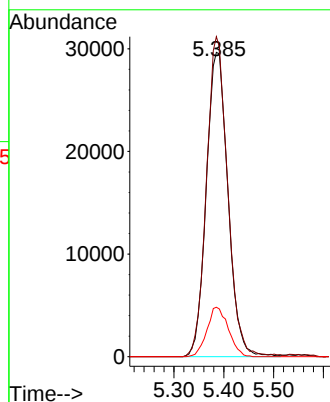
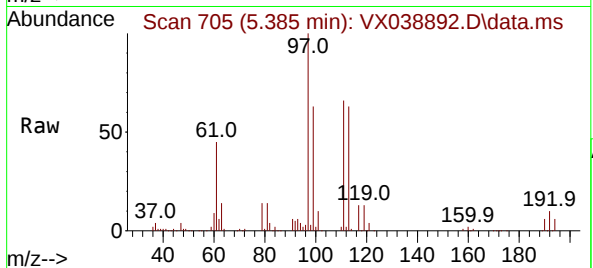
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	16.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 45.919 ug/l

RT: 5.690 min Scan# 755

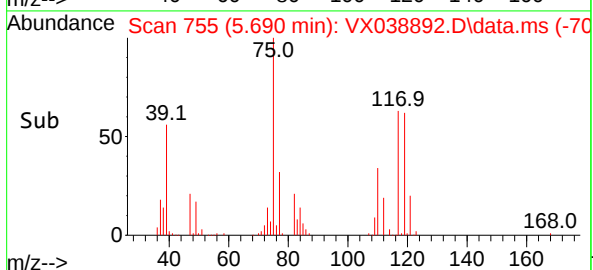
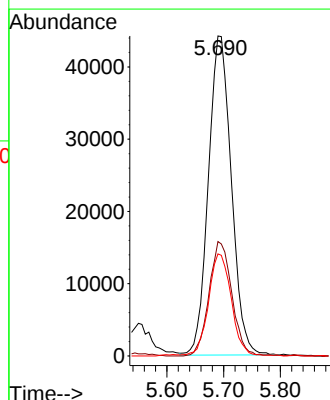
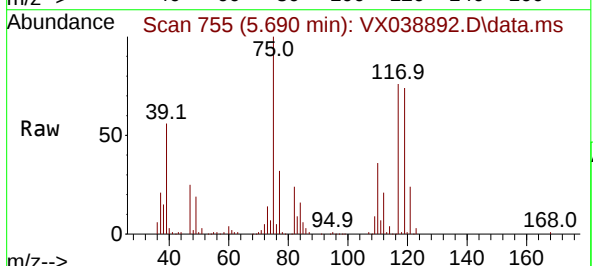
Delta R.T. -0.000 min

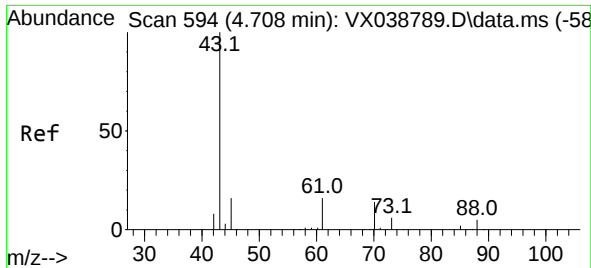
Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Tgt Ion: 75 Resp: 124245

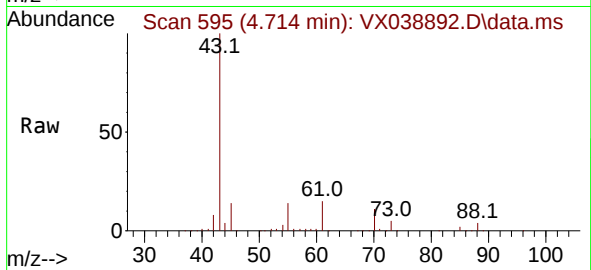
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.0	50.9
77	31.0	24.7	37.1





#37
Ethyl Acetate
Concen: 48.266 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

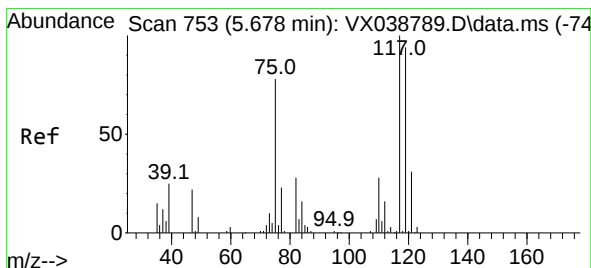
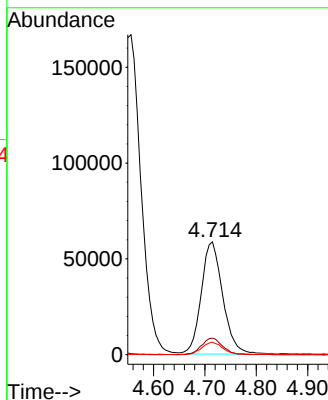
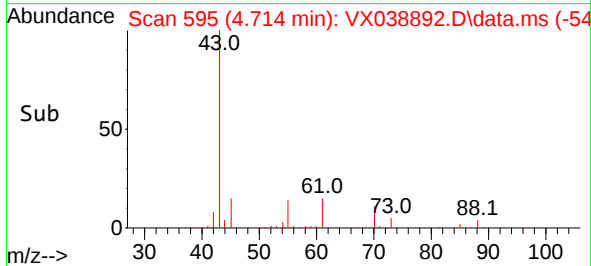
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 170145
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 11.0 8.3 12.5

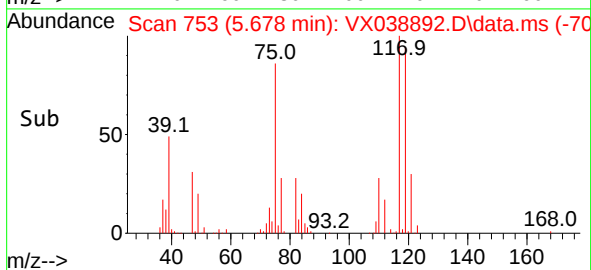
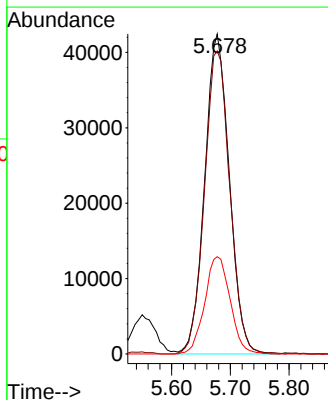
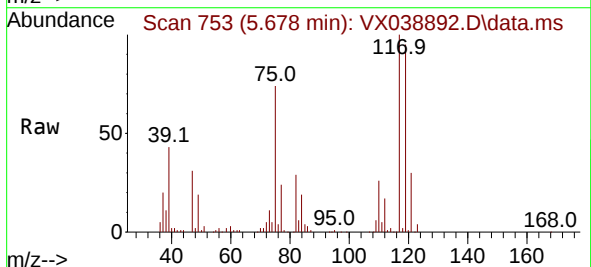
Manual Integrations
APPROVED

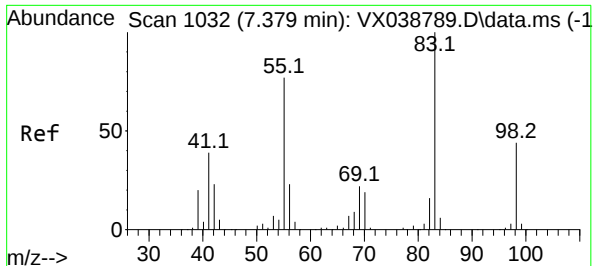
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 49.541 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion:117 Resp: 123889
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 30.4 24.4 36.6





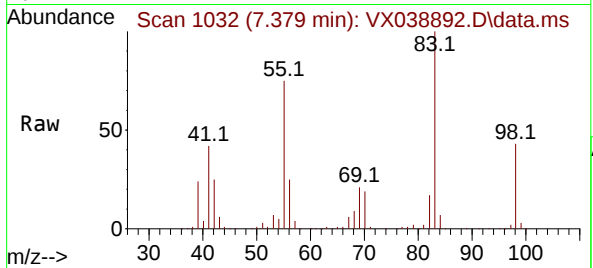
#39
Methylcyclohexane
Concen: 43.982 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



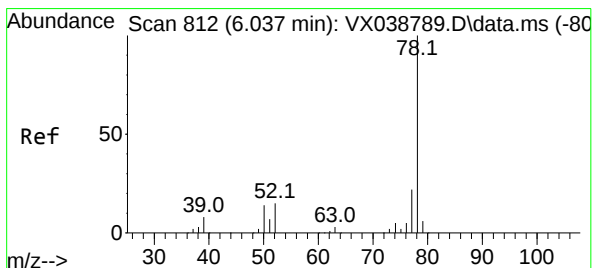
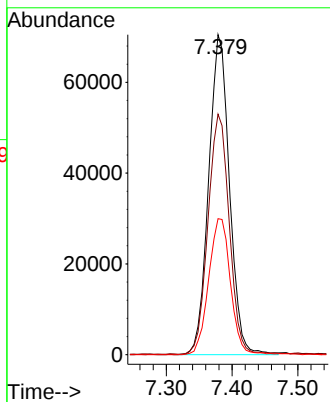
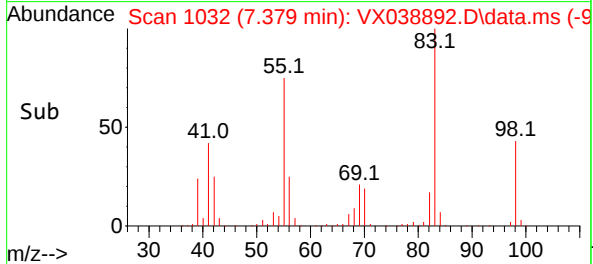
Tgt Ion: 83 Resp: 155220
Ion Ratio Lower Upper
83 100
55 75.0 64.6 97.0
98 42.5 36.7 55.1

Manual Integrations

APPROVED

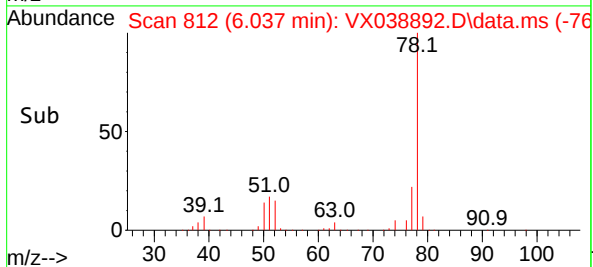
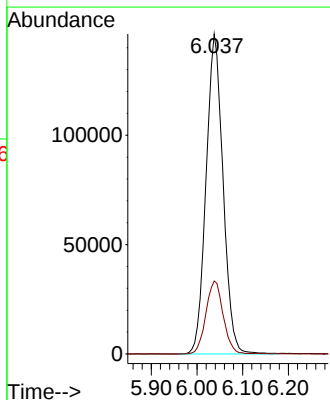
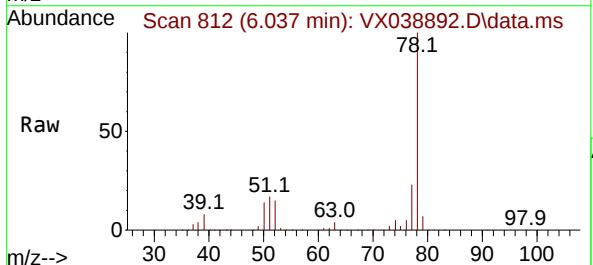
Reviewed By :John Carlone 11/18/2023

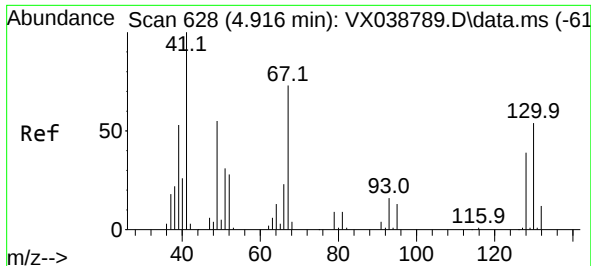
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 47.111 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 78 Resp: 377018
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





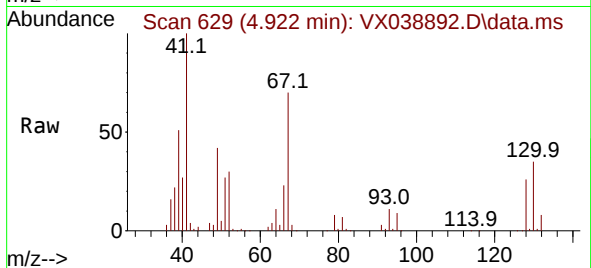
#41
Methacrylonitrile
Concen: 49.595 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



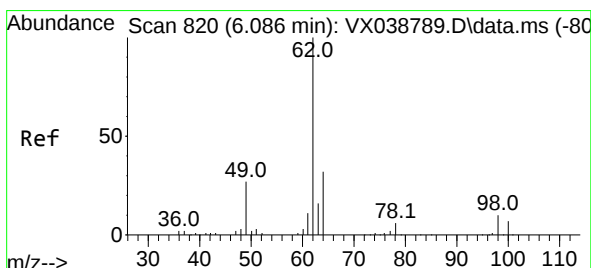
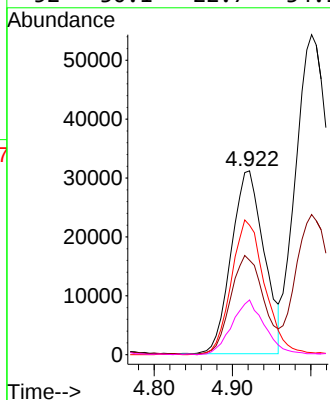
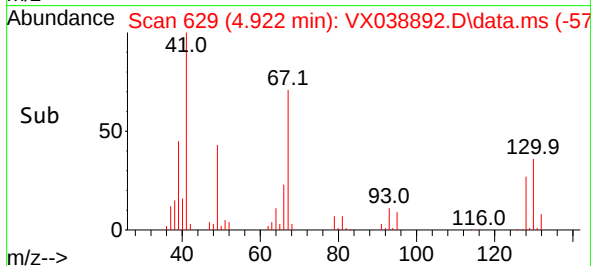
Tgt Ion: 41 Resp: 90670
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 75.3 52.6 78.8
52 30.1 22.7 34.1

Manual Integrations

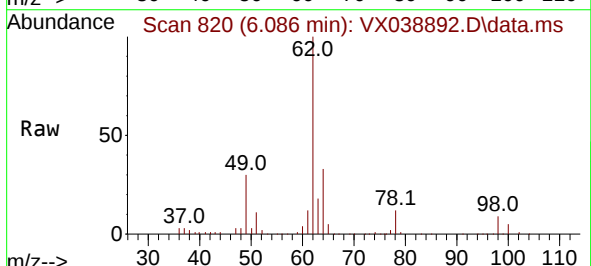
APPROVED

Reviewed By :John Carlone 11/18/2023

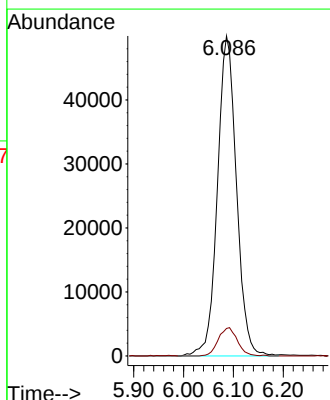
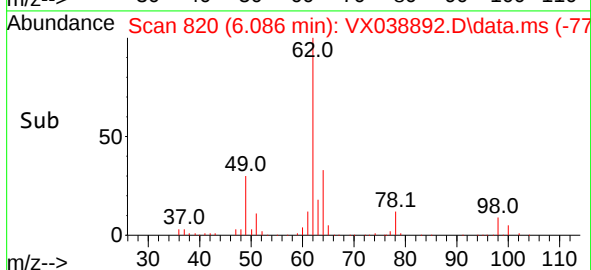
Supervised By :Mahesh Dadoda 11/20/2023

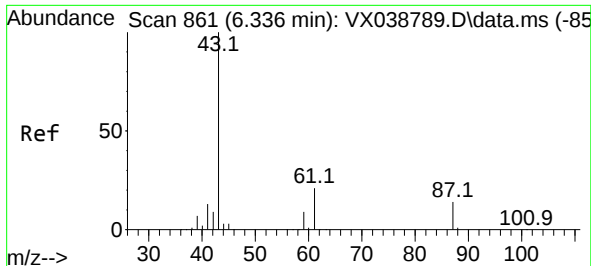


#42
1,2-Dichloroethane
Concen: 49.950 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



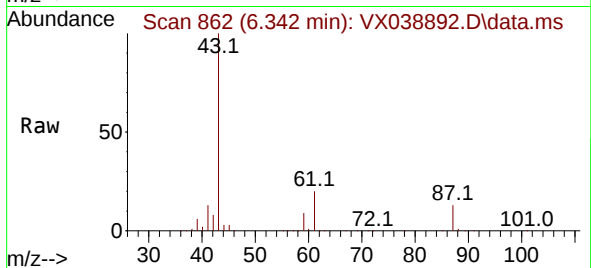
Tgt Ion: 62 Resp: 132439
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.534 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

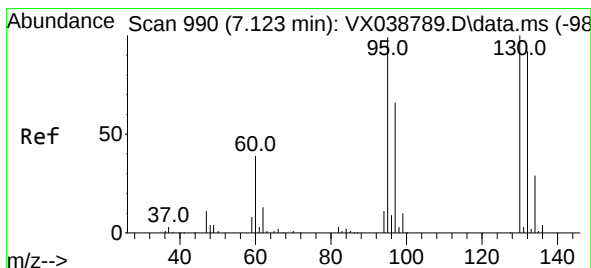
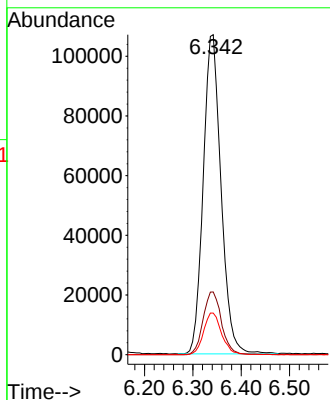
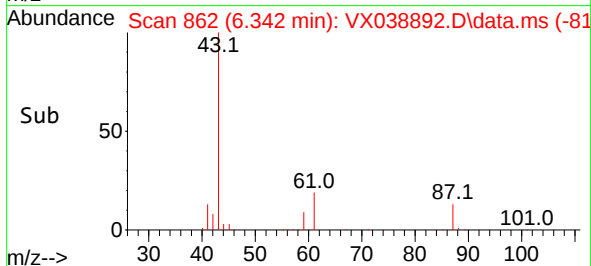
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 273428
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.2 9.8 14.6

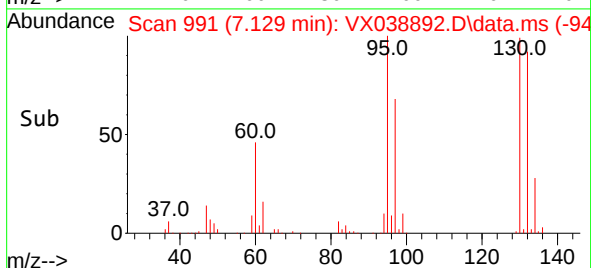
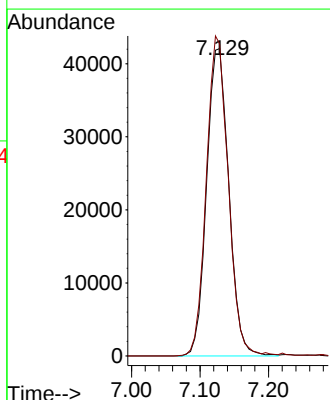
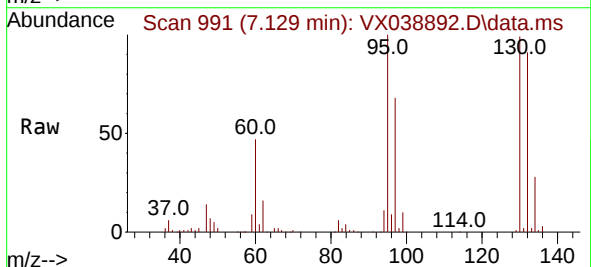
Manual Integrations
APPROVED

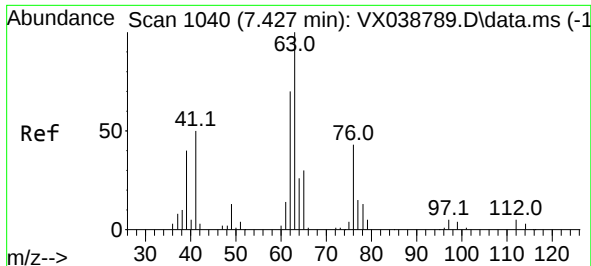
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 48.645 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion:130 Resp: 94758
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.950 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10326

Ion Ratio Lower Upper

63 100

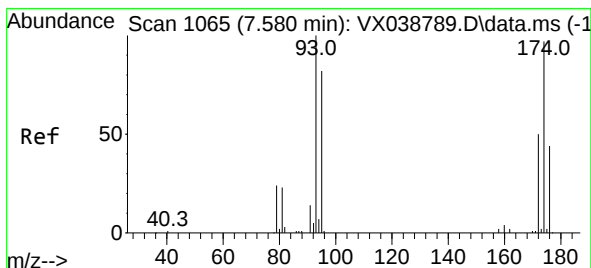
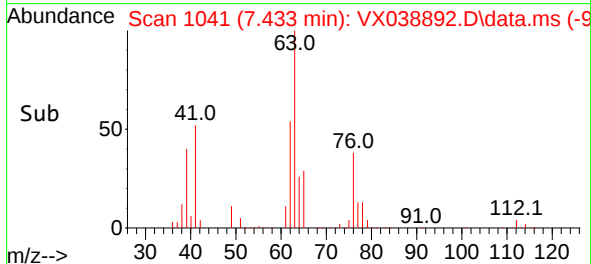
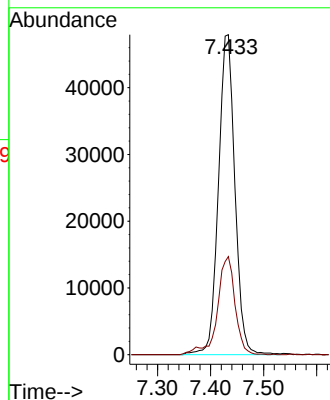
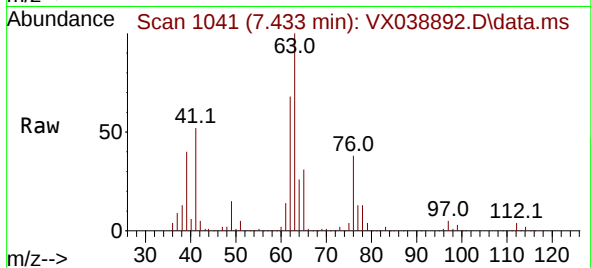
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 49.368 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

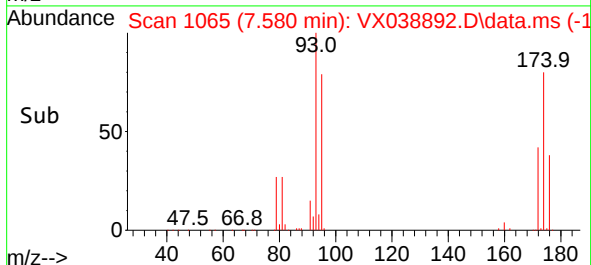
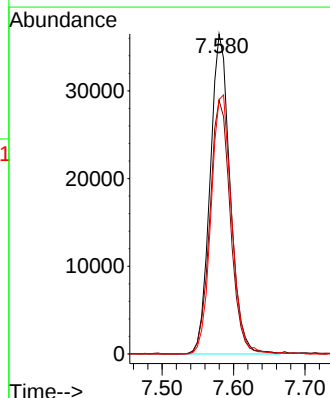
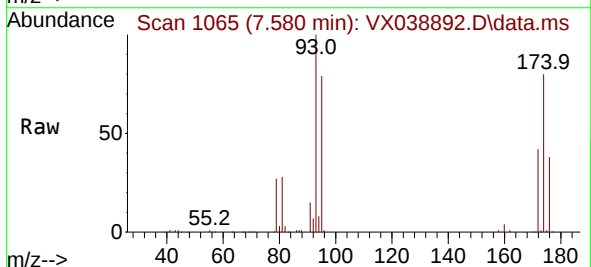
Tgt Ion: 93 Resp: 70901

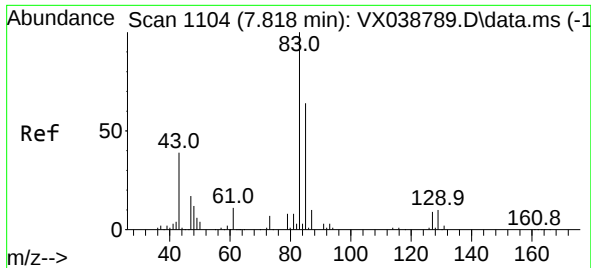
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 83.2 69.4 104.0





#47
Bromodichloromethane
Concen: 48.336 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

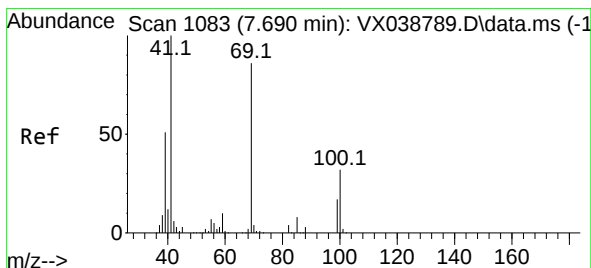
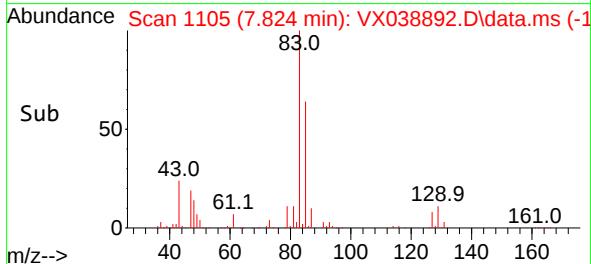
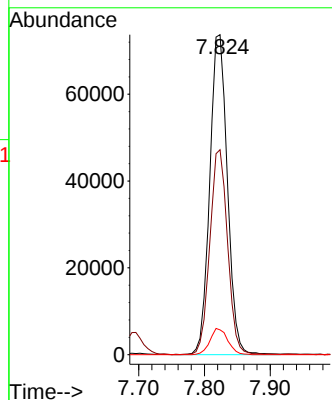
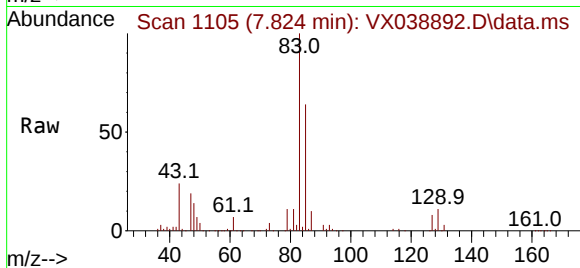
Tgt Ion: 83 Resp: 13778
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 7.8 7.1 10.7

Manual Integrations

APPROVED

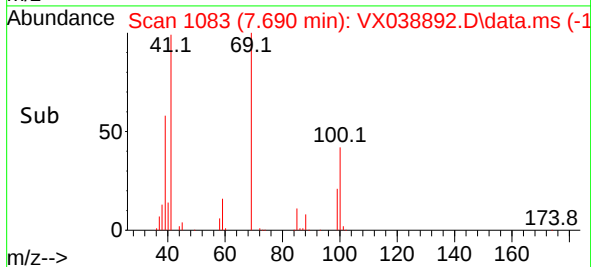
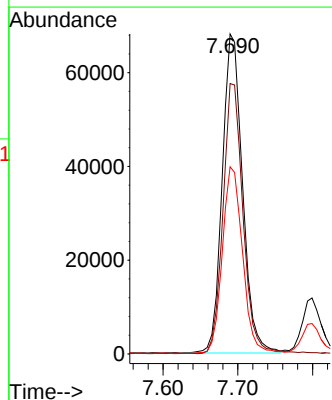
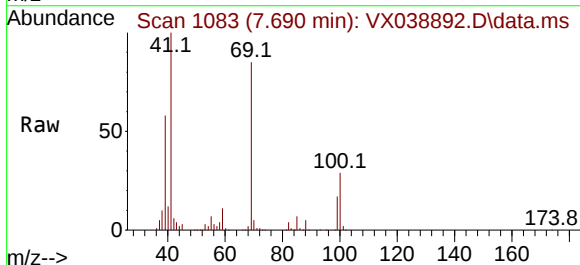
Reviewed By :John Carlone 11/18/2023

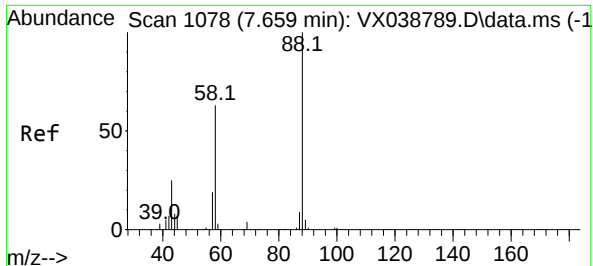
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 47.079 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 41 Resp: 128686
Ion Ratio Lower Upper
41 100
69 83.5 59.2 88.8
39 58.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1067.630 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDC050EC

Tgt Ion: 88 Resp: 56458

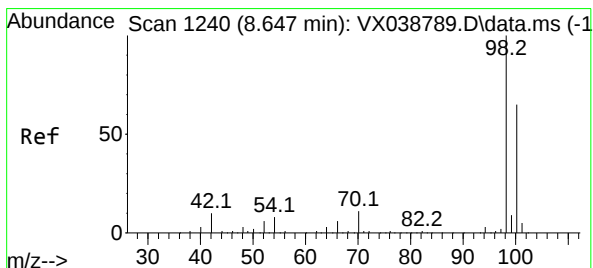
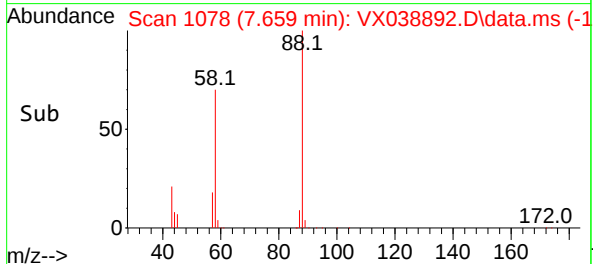
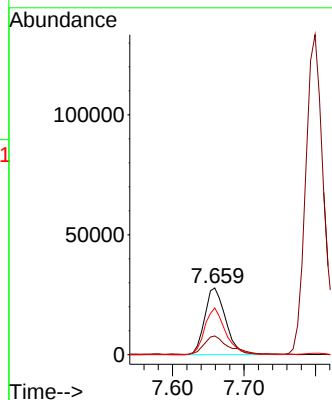
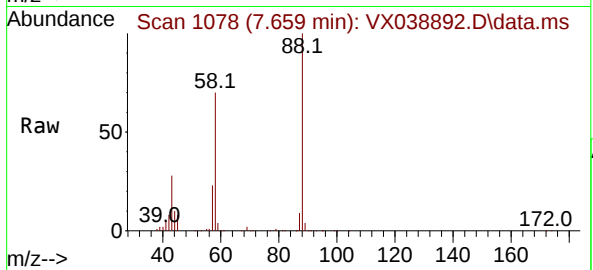
Ion	Ratio	Lower	Upper
88	100		
43	32.2	0.0	0.0
58	69.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 46.836 ug/l

RT: 8.647 min Scan# 1240

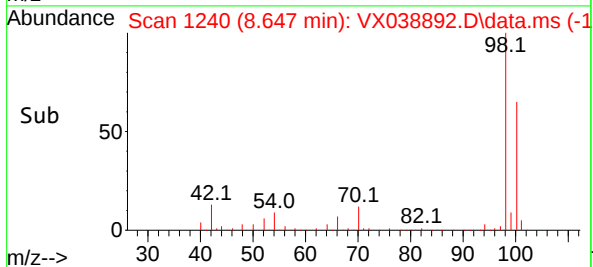
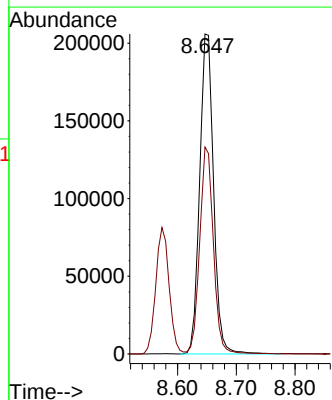
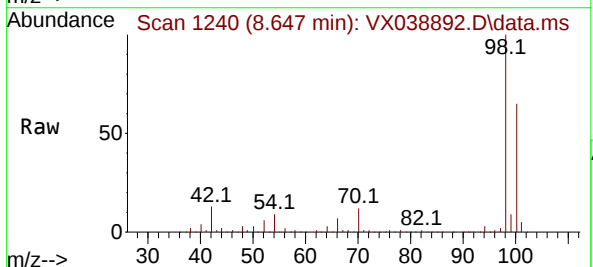
Delta R.T. -0.000 min

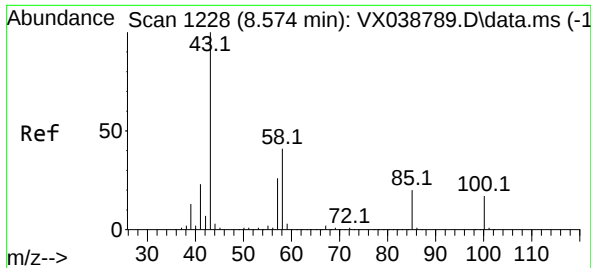
Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Tgt Ion: 98 Resp: 338300

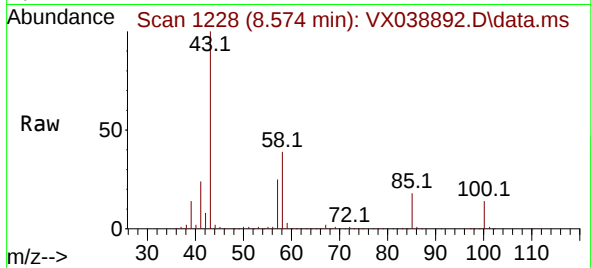
Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 252.082 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

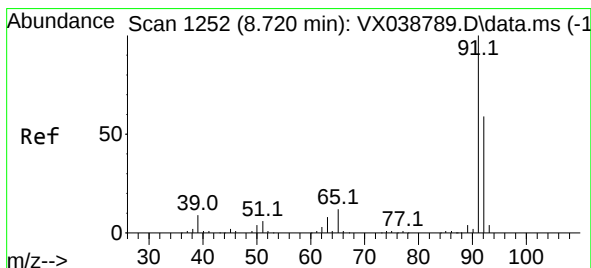
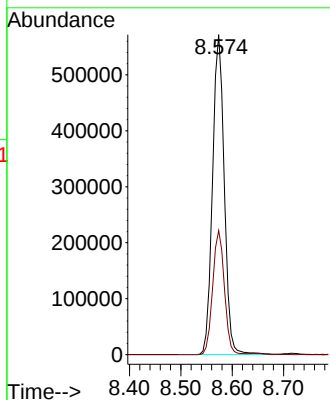
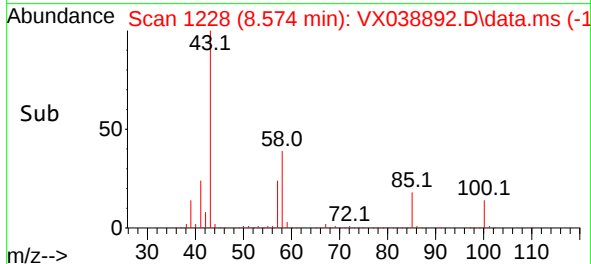
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 907562
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

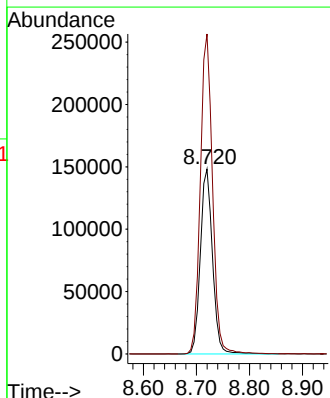
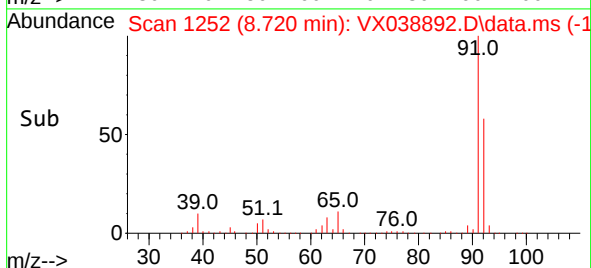
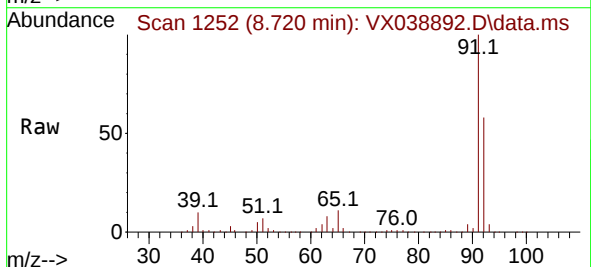
Manual Integrations
APPROVED

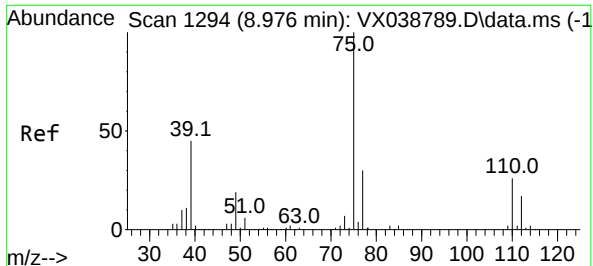
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 47.423 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 92 Resp: 235507
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 47.293 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

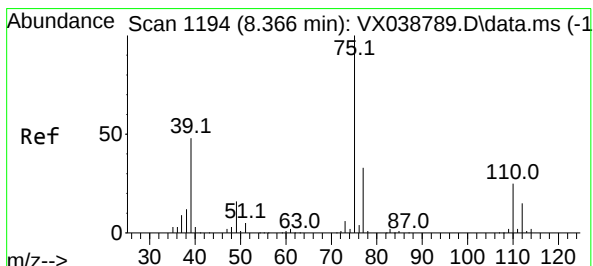
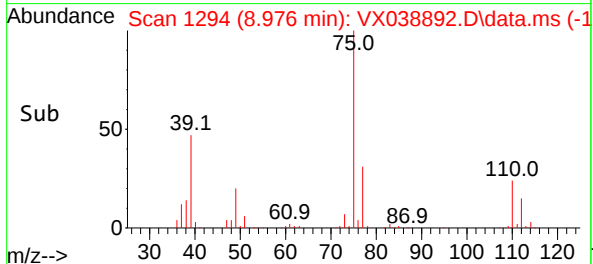
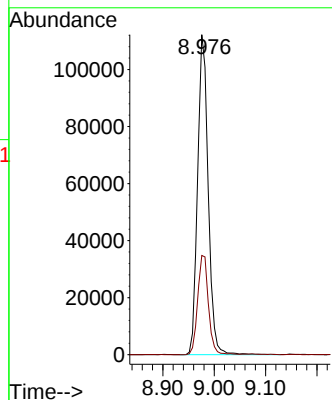
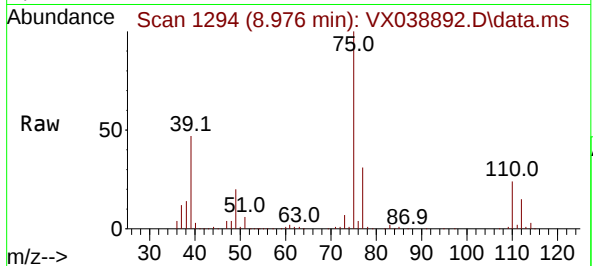
VSTDCCC050EC

Tgt Ion: 75 Resp: 16020
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

Manual Integrations

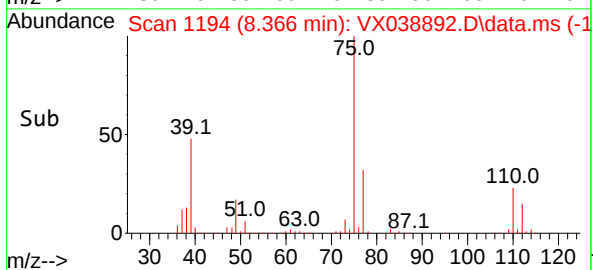
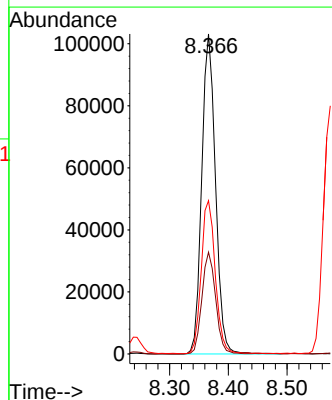
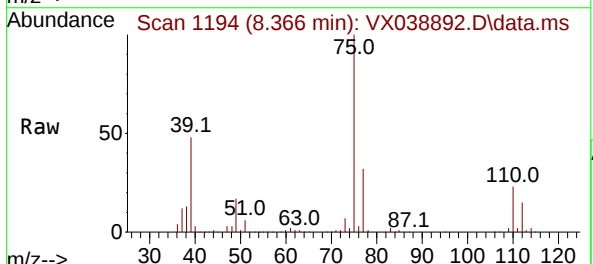
APPROVED

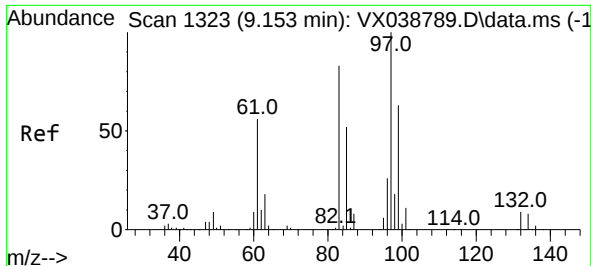
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 48.037 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 75 Resp: 168082
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 47.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.994 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

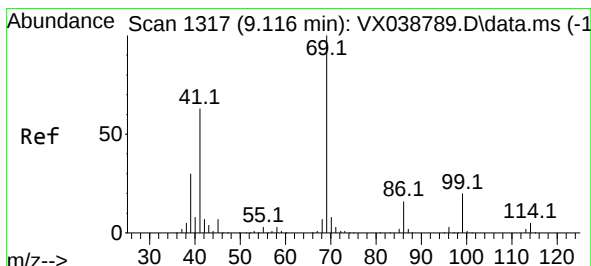
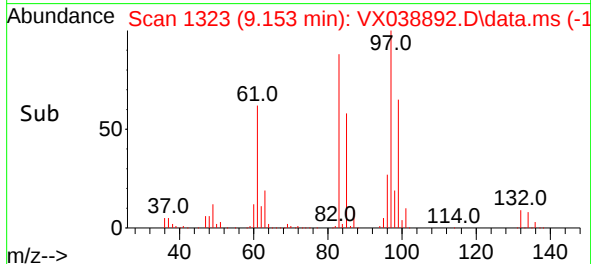
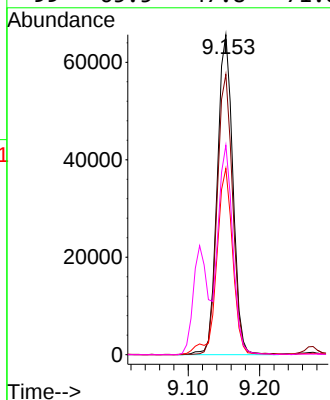
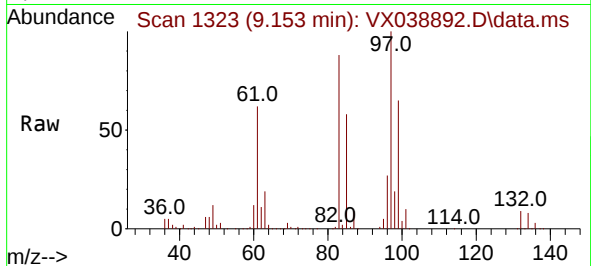
VSTDCCC050EC

Tgt Ion: 97 Resp: 99450
Ion Ratio Lower Upper
97 100
83 87.5 65.8 98.8
85 58.2 41.6 62.4
99 65.5 47.8 71.8

Manual Integrations

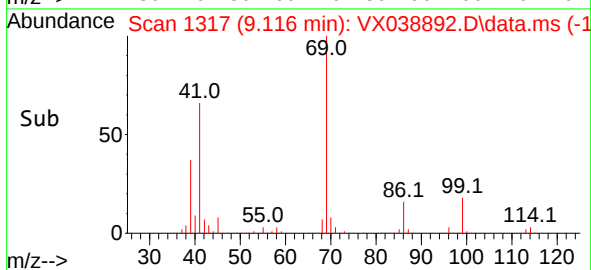
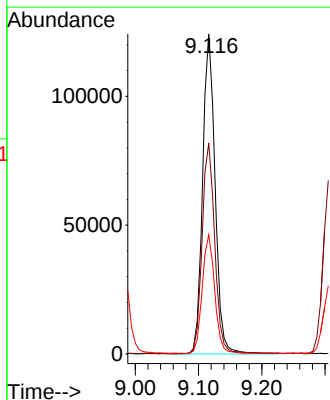
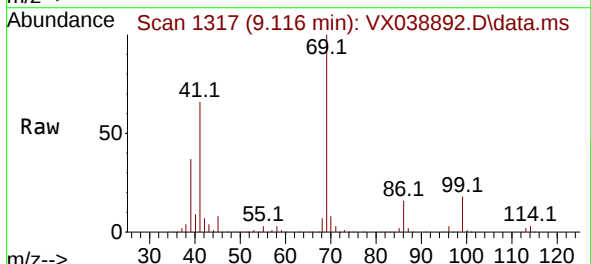
APPROVED

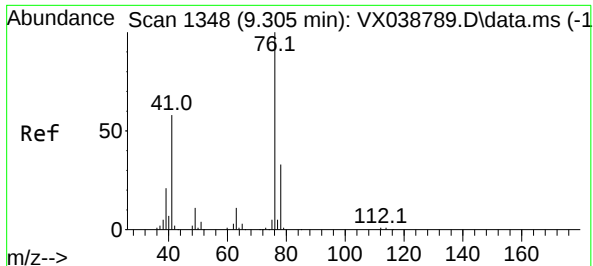
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#56
Ethyl methacrylate
Concen: 48.841 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion: 69 Resp: 171235
Ion Ratio Lower Upper
69 100
41 66.5 56.8 85.2
39 37.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.617 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 166610

Ion Ratio Lower Upper

76 100

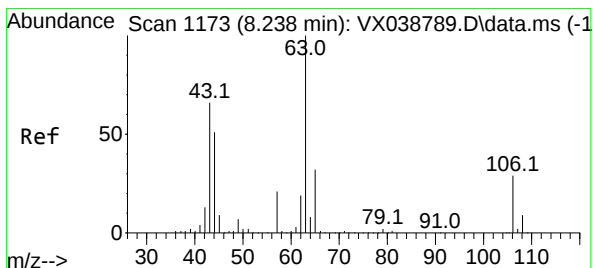
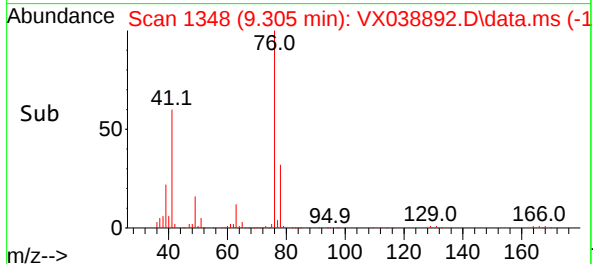
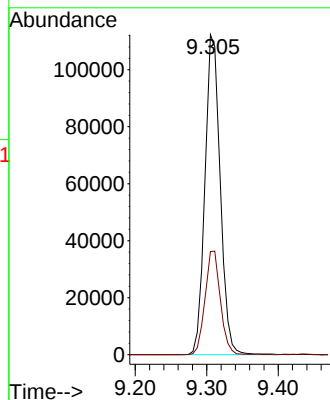
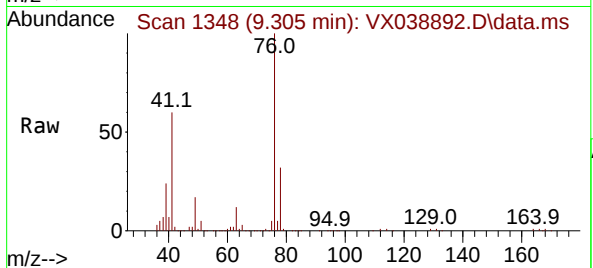
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 248.871 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX038892.D

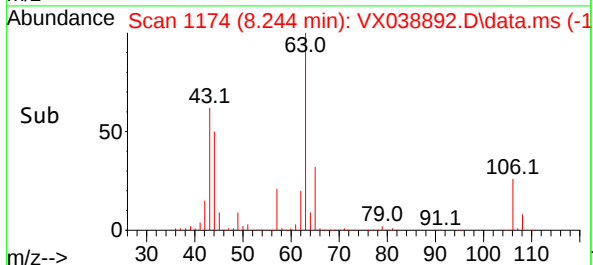
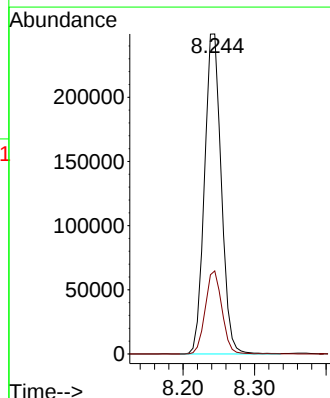
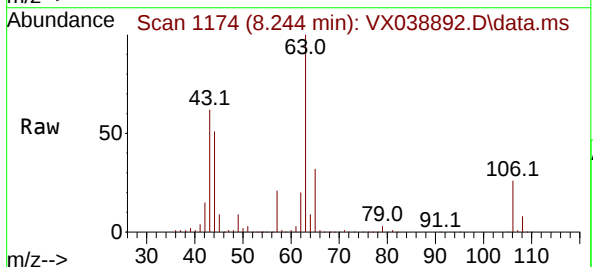
Acq: 17 Nov 2023 19:44

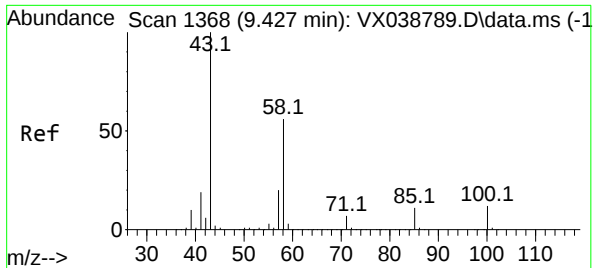
Tgt Ion: 63 Resp: 406465

Ion Ratio Lower Upper

63 100

106 25.8 22.5 33.7





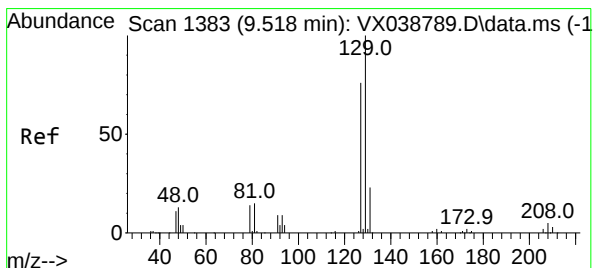
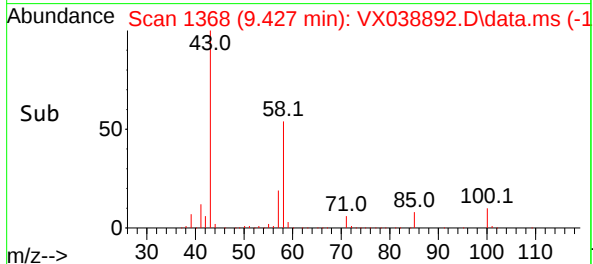
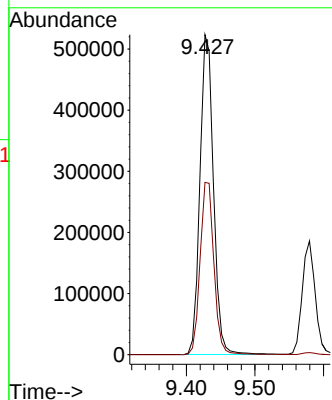
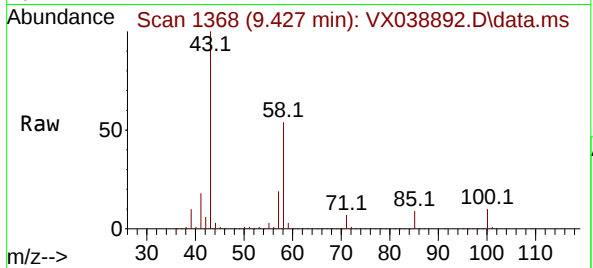
#59
2-Hexanone
Concen: 249.722 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 720620
Ion Ratio Lower Upper
43 100
58 55.1 26.2 78.5

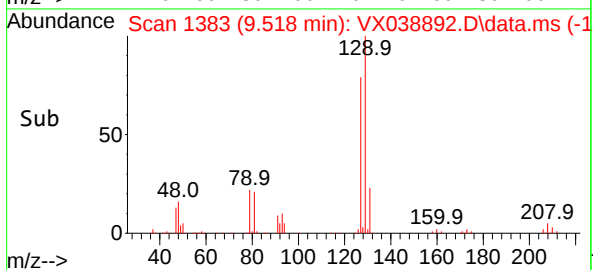
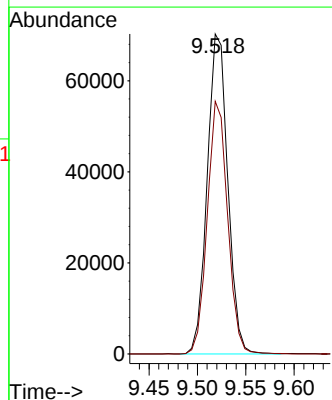
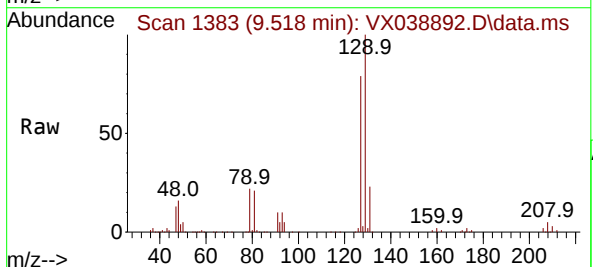
Manual Integrations
APPROVED

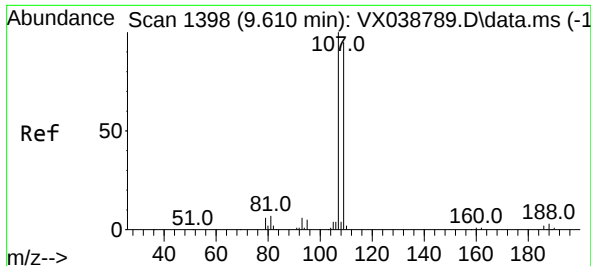
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 49.312 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

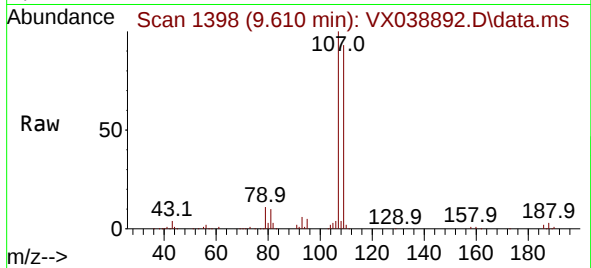
Tgt Ion:129 Resp: 103897
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.804 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

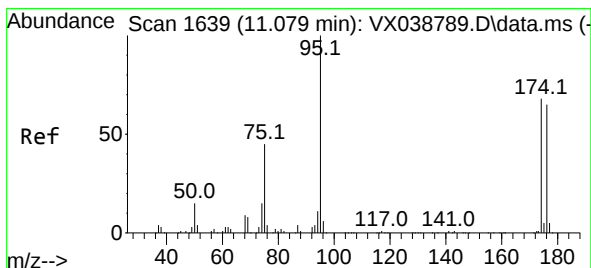
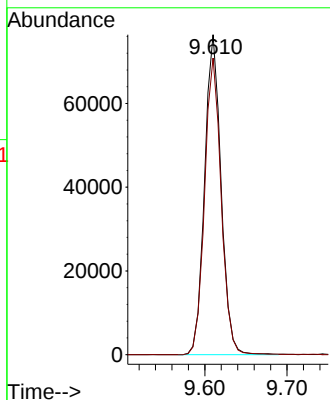
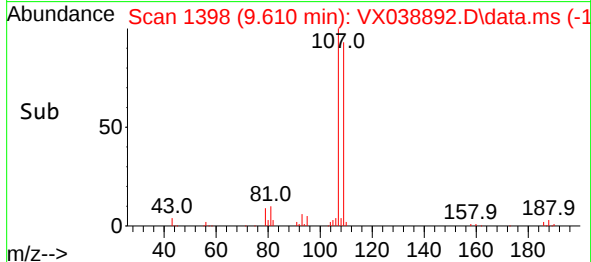
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



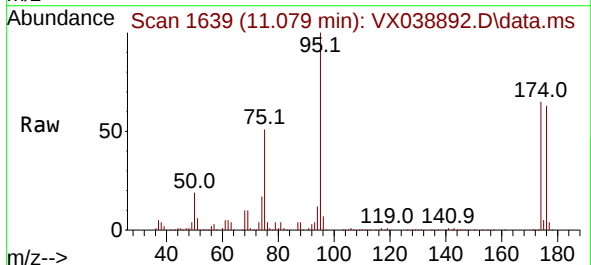
Tgt Ion:107 Resp: 106118
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

Manual Integrations
APPROVED

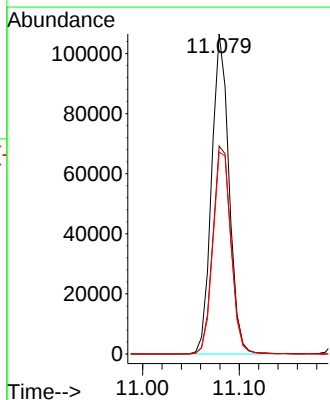
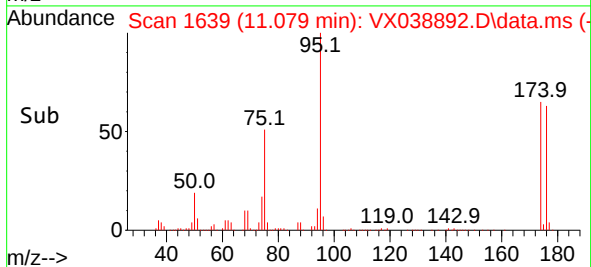
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

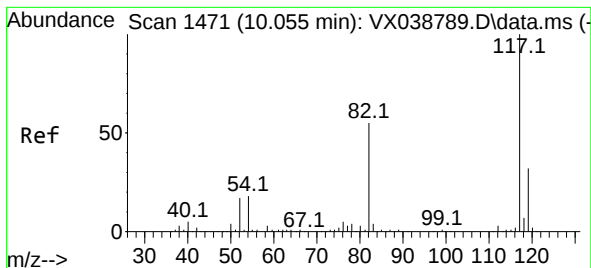


#62
4-Bromofluorobenzene
Concen: 46.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



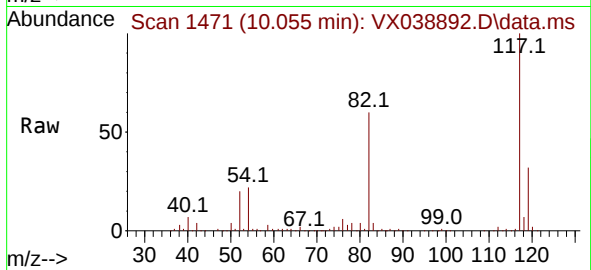
Tgt Ion: 95 Resp: 133054
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

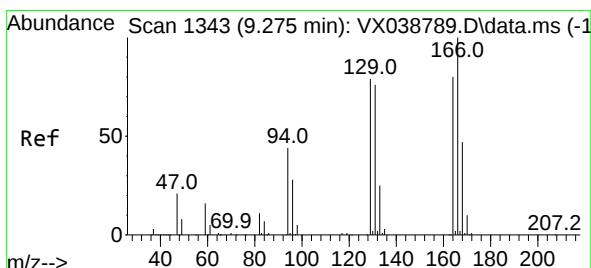
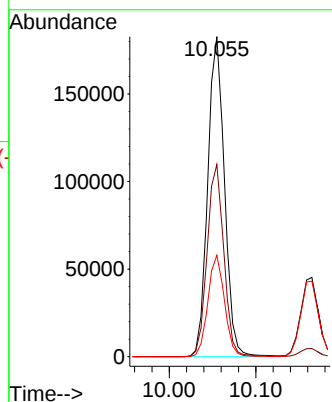
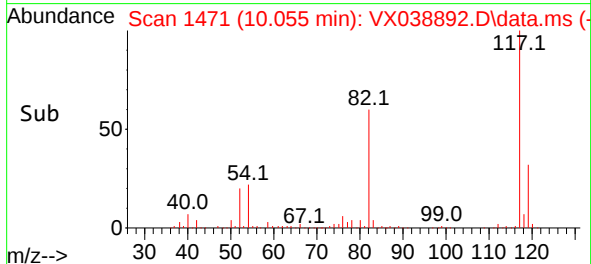
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24558
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.7 25.5 38.3

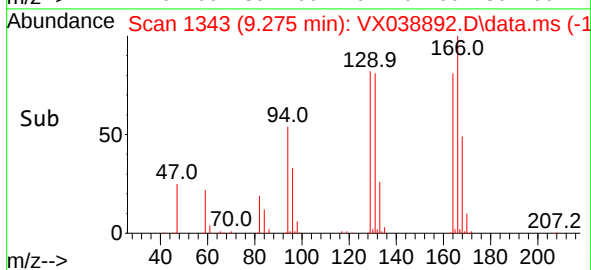
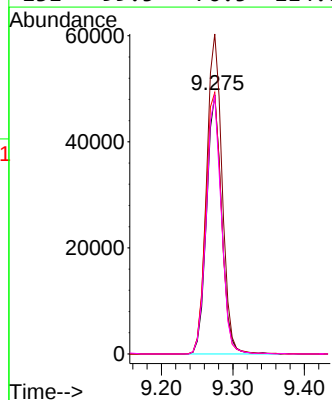
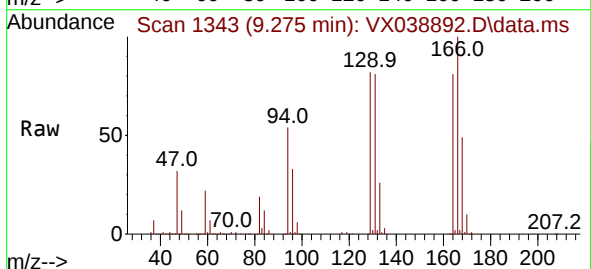
Manual Integrations
APPROVED

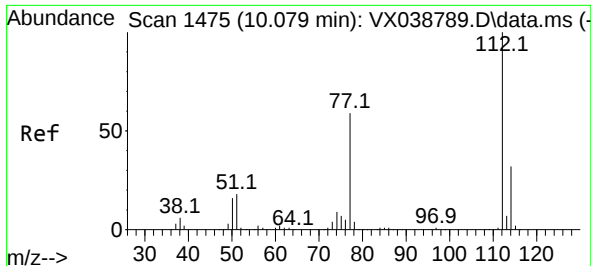
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 46.876 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

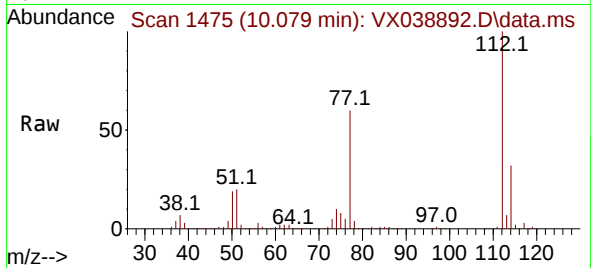
Tgt Ion:164 Resp: 71558
Ion Ratio Lower Upper
164 100
166 123.5 102.7 154.1
129 100.9 80.4 120.6
131 99.5 76.5 114.7





#65
Chlorobenzene
Concen: 47.175 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

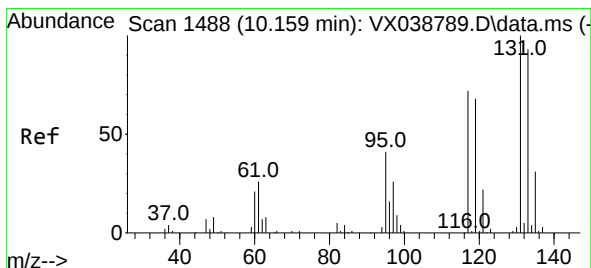
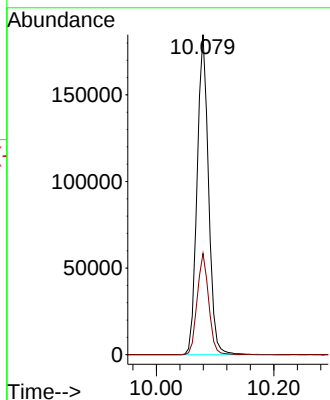
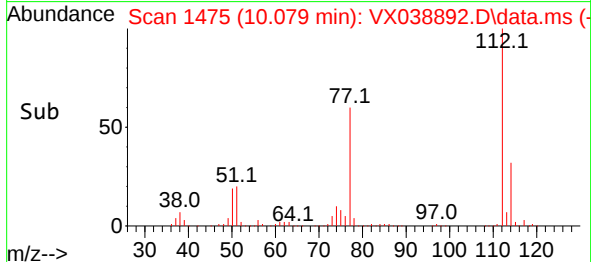
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



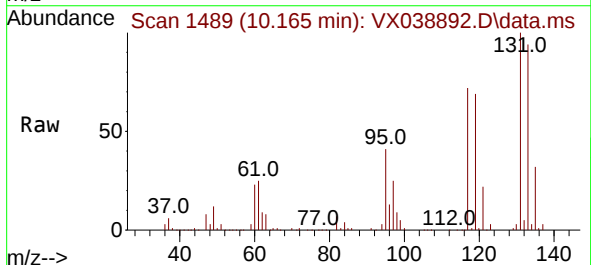
Tgt Ion:112 Resp: 24956
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

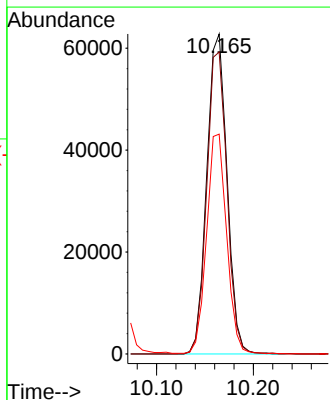
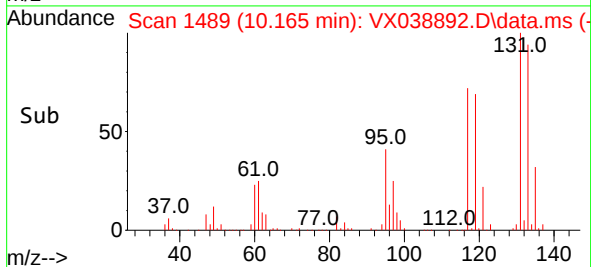
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

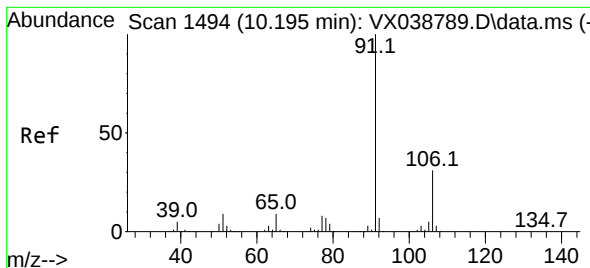


#66
1,1,1,2-Tetrachloroethane
Concen: 48.067 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



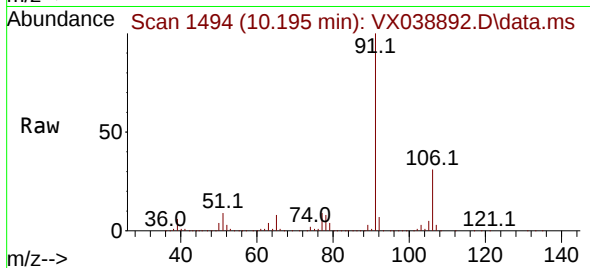
Tgt Ion:131 Resp: 91471
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 68.2 32.2 96.6





#67
Ethyl Benzene
Concen: 47.613 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

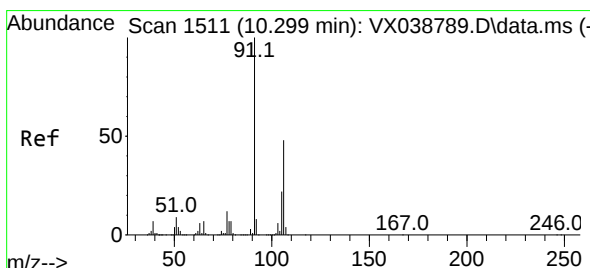
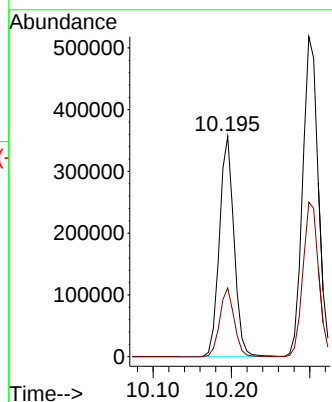
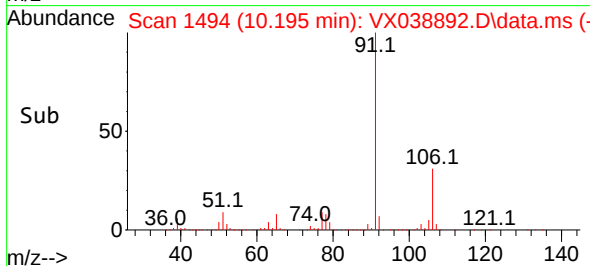
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



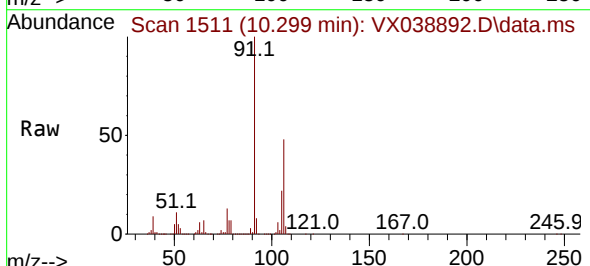
Tgt Ion: 91 Resp: 462777
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

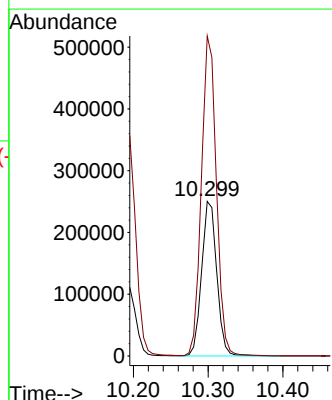
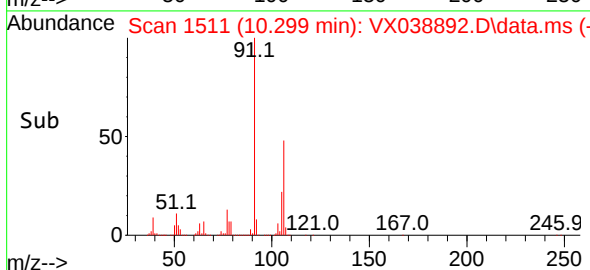
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

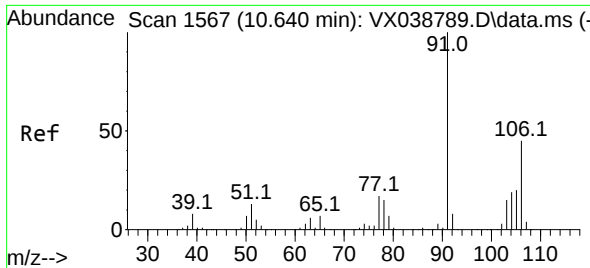


#68
m/p-Xylenes
Concen: 95.329 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



Tgt Ion:106 Resp: 350492
Ion Ratio Lower Upper
106 100
91 205.3 165.5 248.3





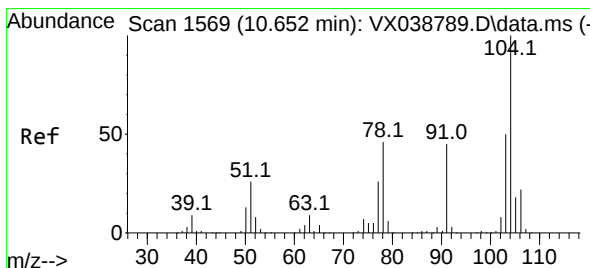
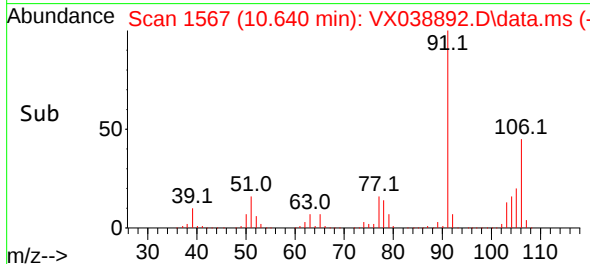
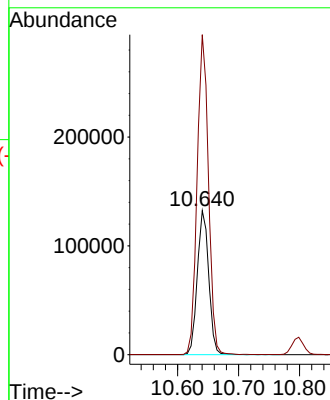
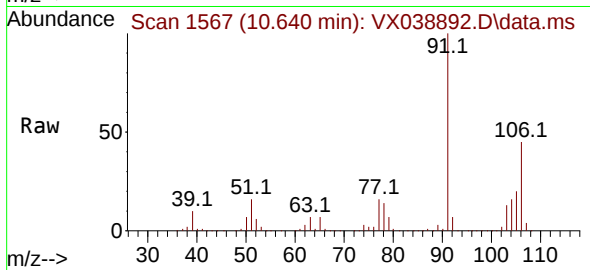
#69
o-Xylene
Concen: 47.318 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 172145
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

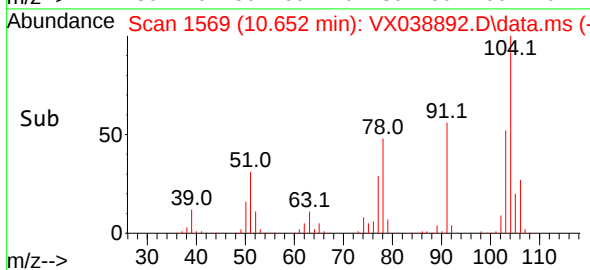
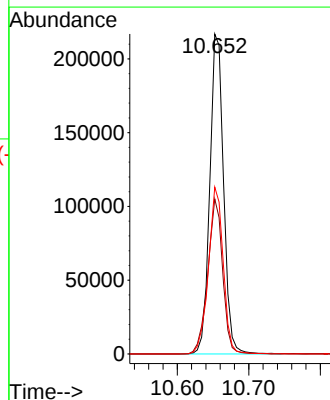
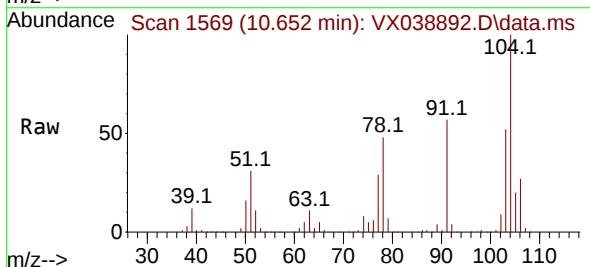
Manual Integrations
APPROVED

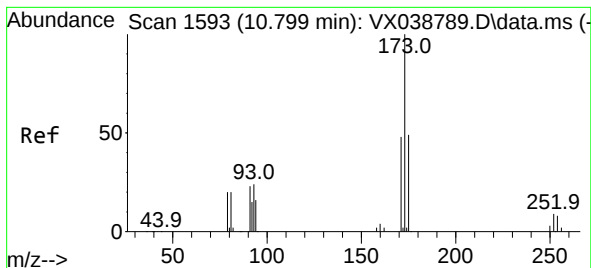
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 47.291 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion:104 Resp: 290558
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 49.159 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

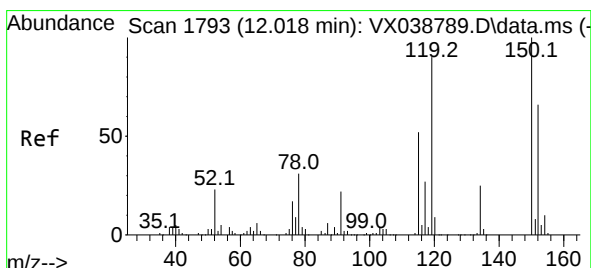
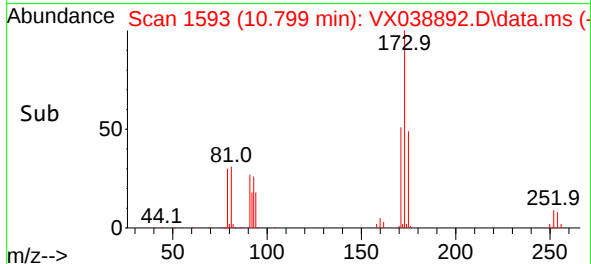
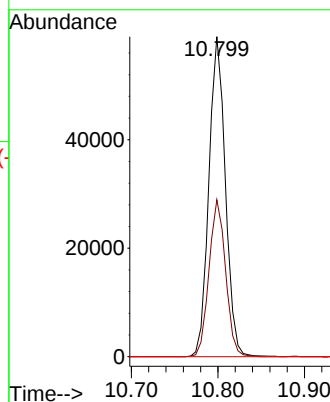
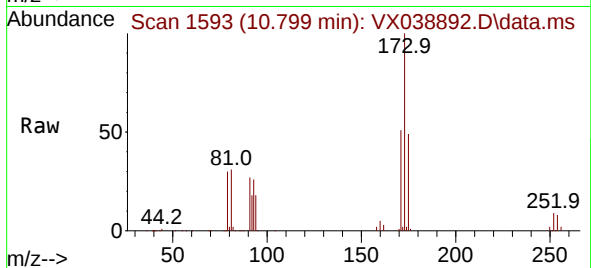
Tgt Ion:173 Resp: 77980
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

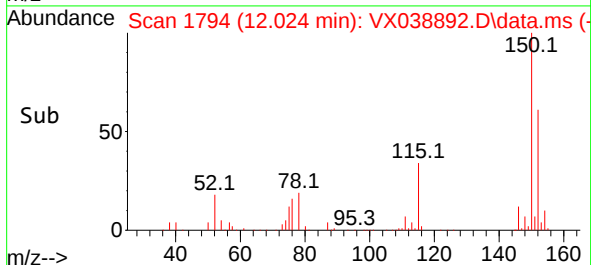
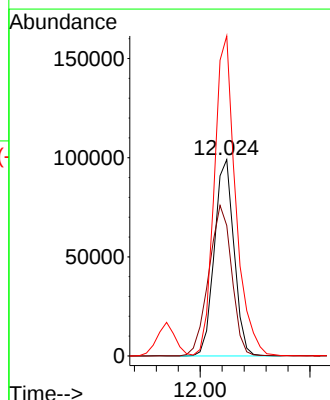
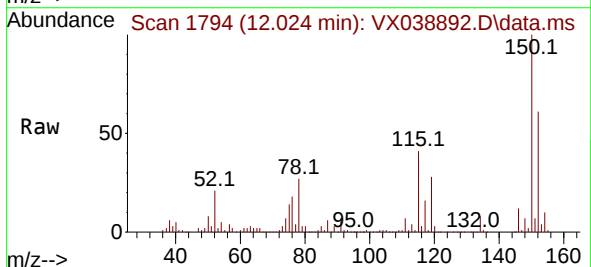
RT: 12.024 min Scan# 1794

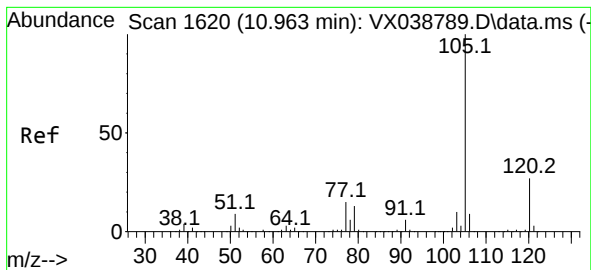
Delta R.T. 0.006 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Tgt Ion:152 Resp: 123149
 Ion Ratio Lower Upper
 152 100
 115 89.9 43.3 129.9
 150 176.9 0.0 345.0





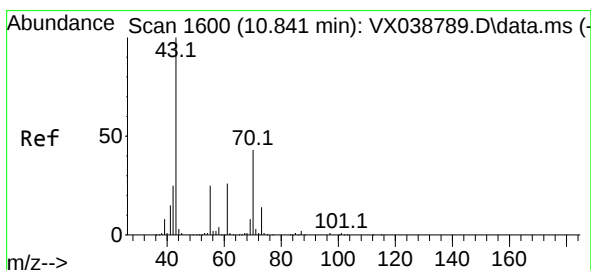
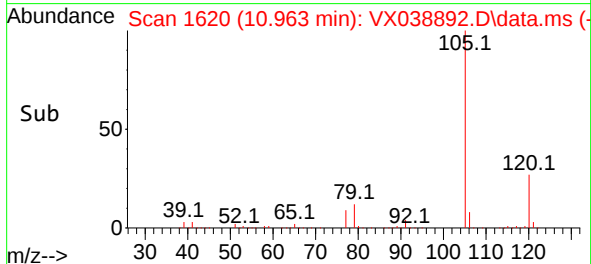
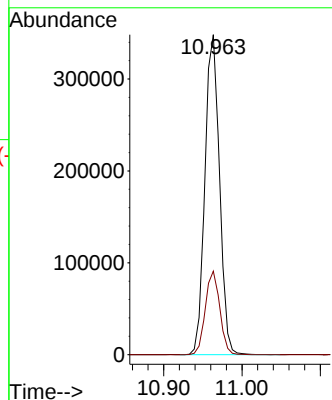
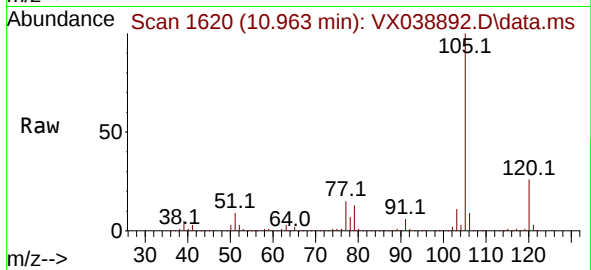
#73
Isopropylbenzene
Concen: 46.859 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 449612
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

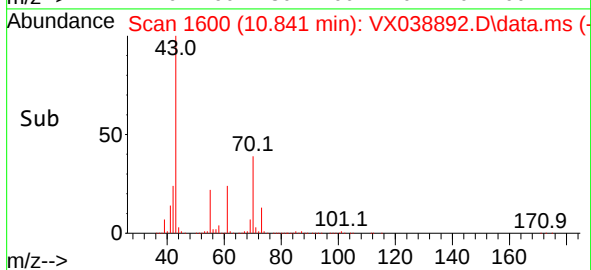
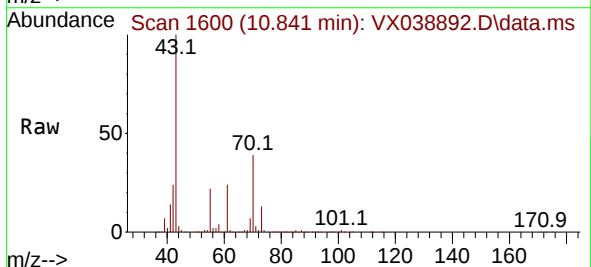
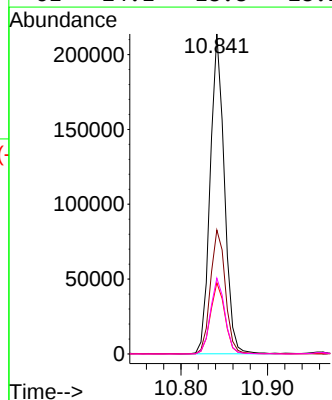
Manual Integrations
APPROVED

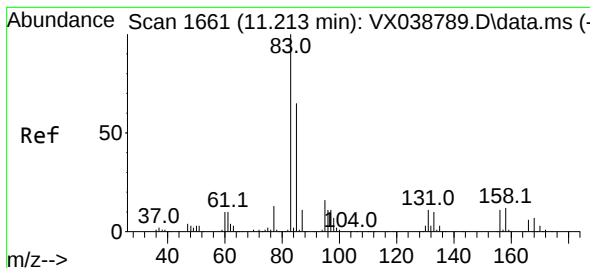
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 47.832 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

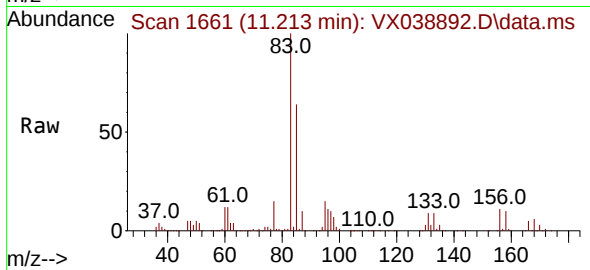
Tgt Ion: 43 Resp: 242610
Ion Ratio Lower Upper
43 100
70 40.9 32.9 49.3
55 22.7 19.3 28.9
61 24.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.616 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

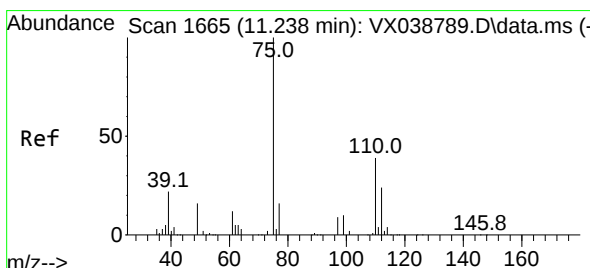
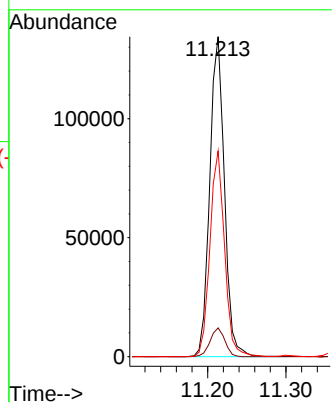
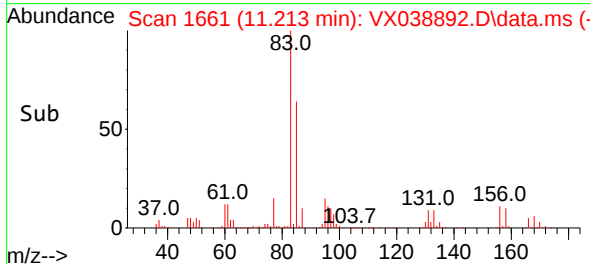
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



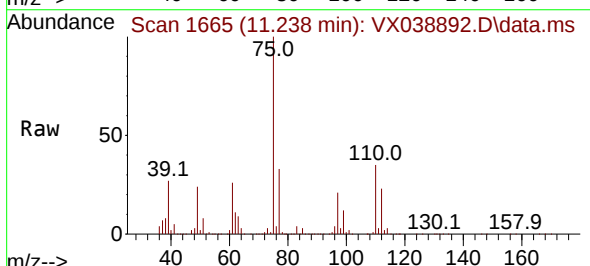
Tgt Ion: 83 Resp: 174609
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
APPROVED

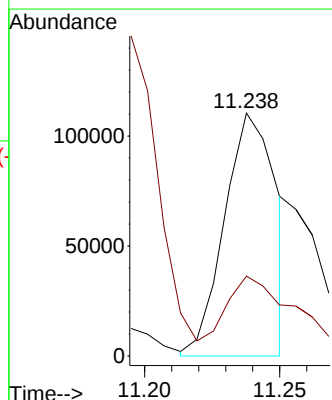
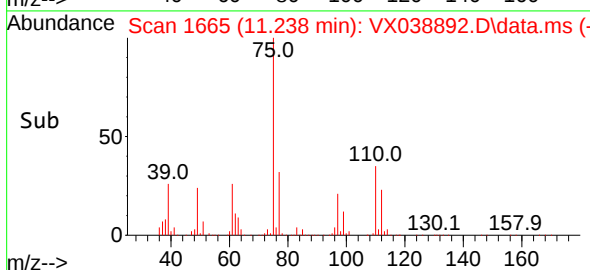
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

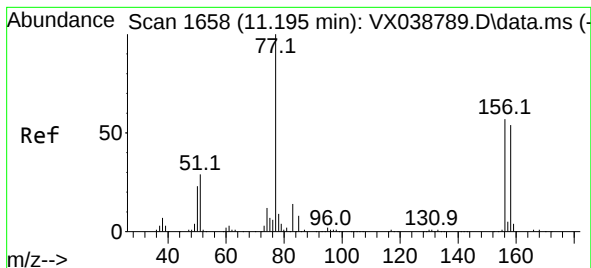


#76
1,2,3-Trichloropropane
Concen: 47.678 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



Tgt Ion: 75 Resp: 146494
Ion Ratio Lower Upper
75 100
77 45.4 19.1 57.5





#77

Bromobenzene

Concen: 46.546 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

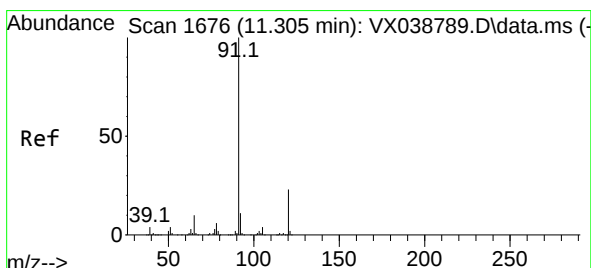
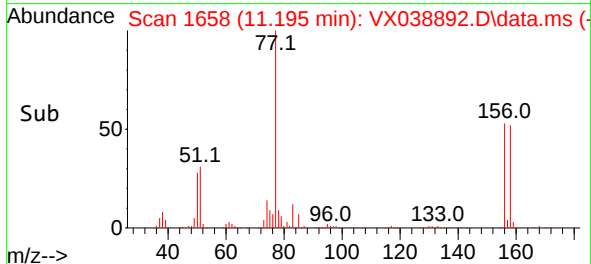
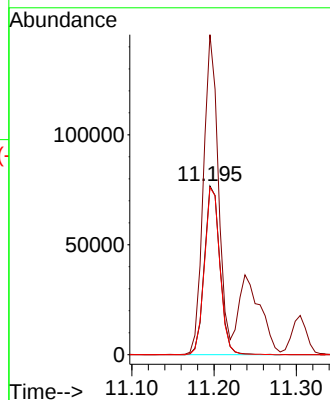
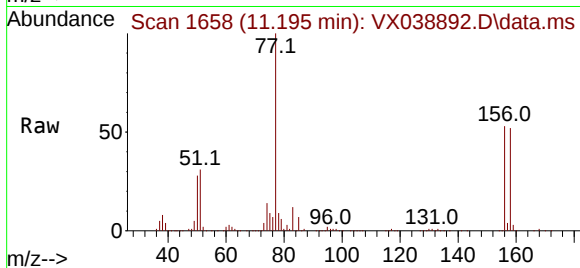
Tgt Ion:156 Resp: 100350
 Ion Ratio Lower Upper
 156 100
 77 183.0 88.4 265.3
 158 98.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 46.620 ug/l

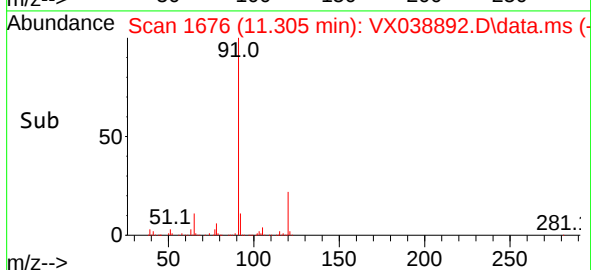
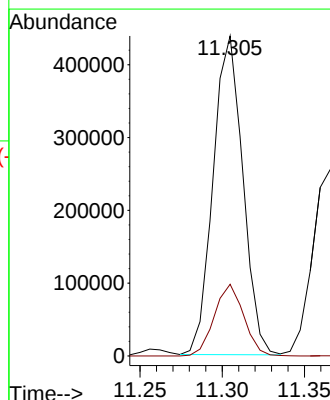
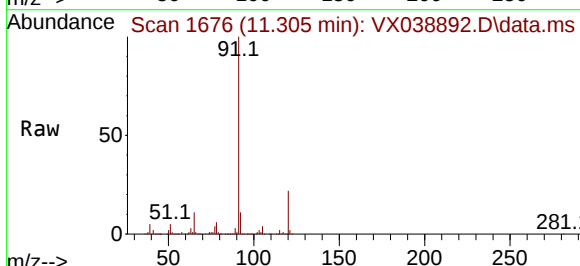
RT: 11.305 min Scan# 1676

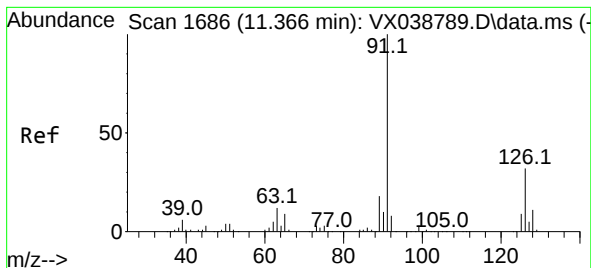
Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

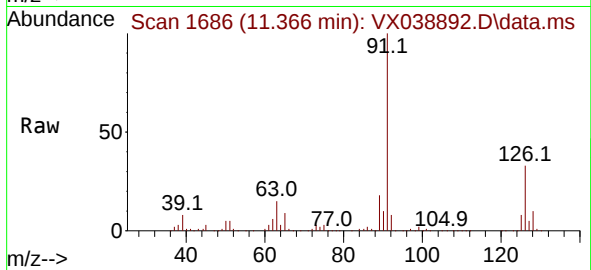
Tgt Ion: 91 Resp: 550604
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 45.990 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

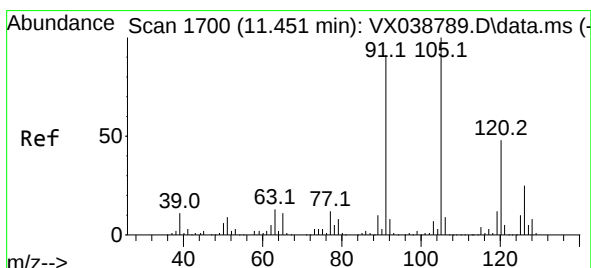
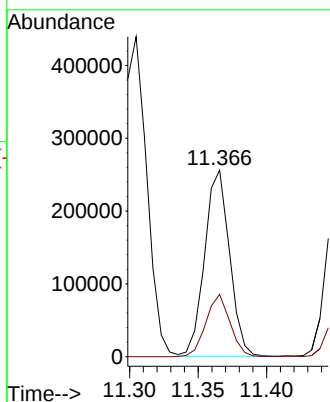
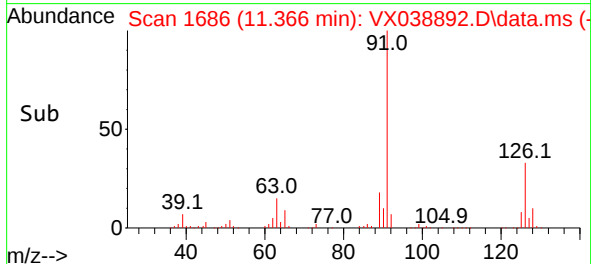
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



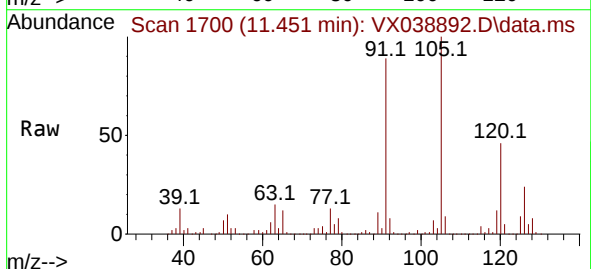
Tgt Ion: 91 Resp: 32235
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

Manual Integrations
APPROVED

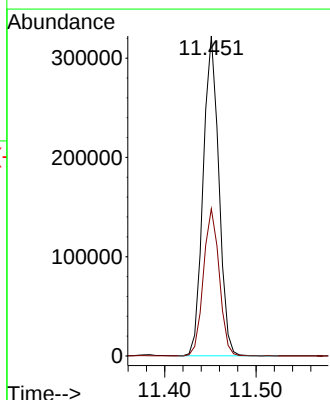
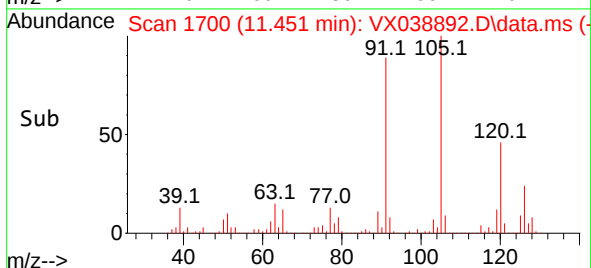
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

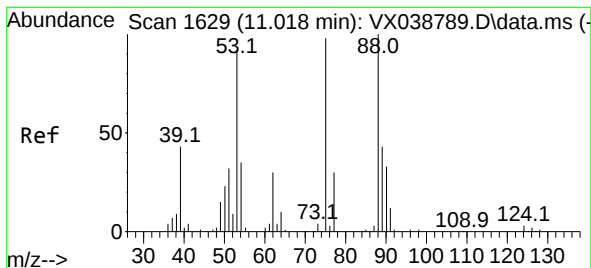


#80
1,3,5-Trimethylbenzene
Concen: 47.444 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



Tgt Ion:105 Resp: 382761
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





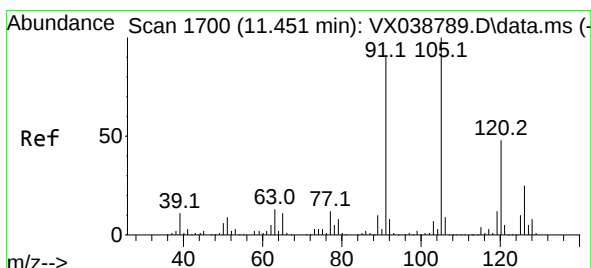
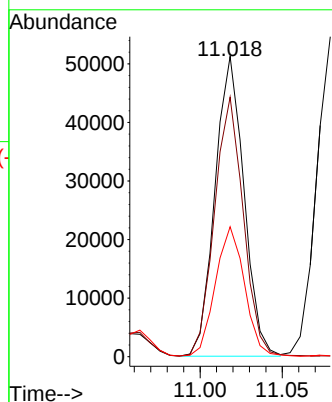
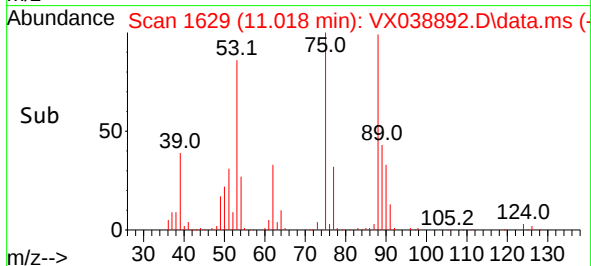
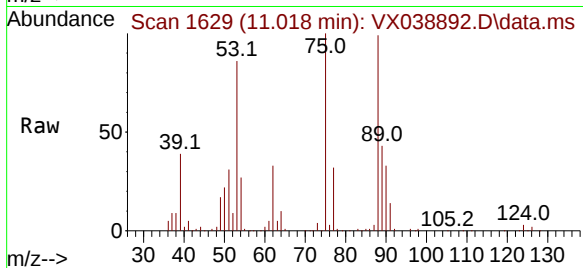
#81
trans-1,4-Dichloro-2-butene
Concen: 45.235 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 62660
Ion Ratio Lower Upper
75 100
53 86.2 90.5 135.7
89 43.7 36.9 55.3

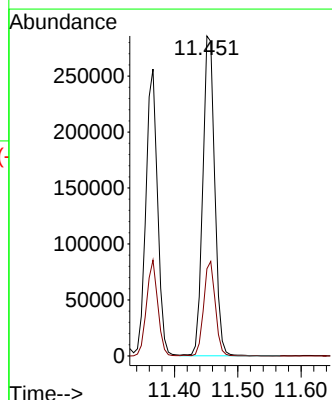
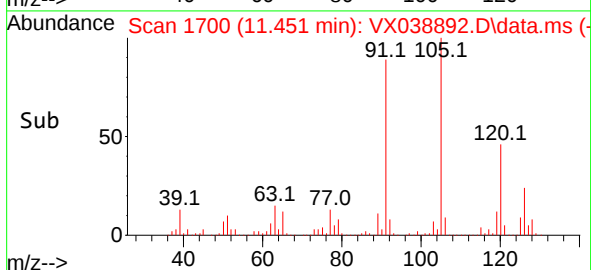
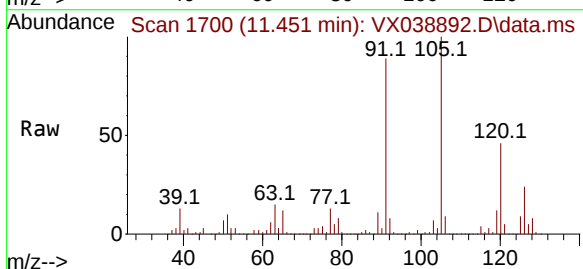
Manual Integrations
APPROVED

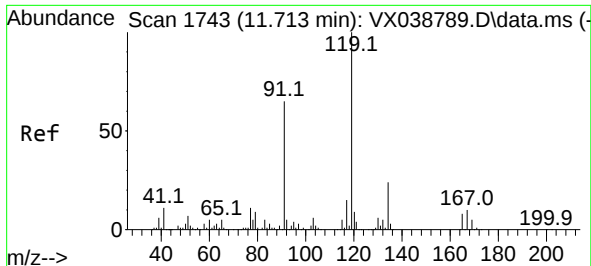
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 46.523 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

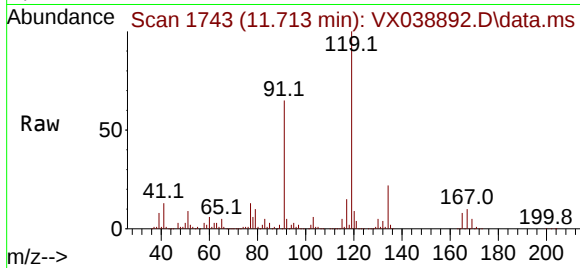
Tgt Ion: 91 Resp: 375993
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.874 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

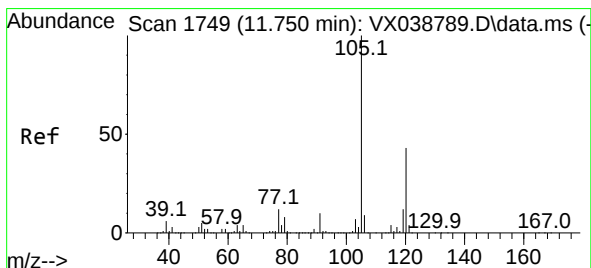
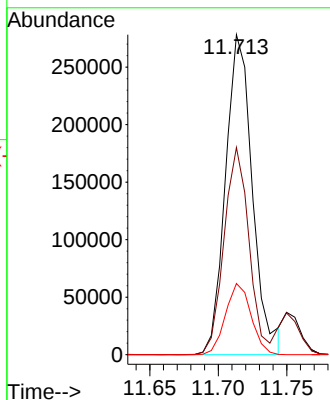
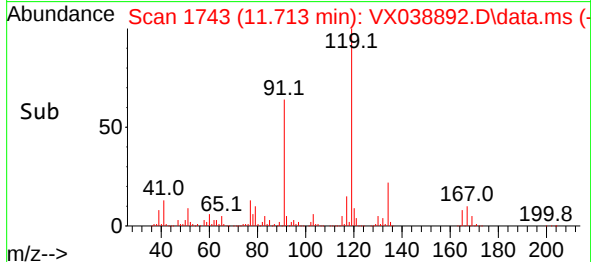
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



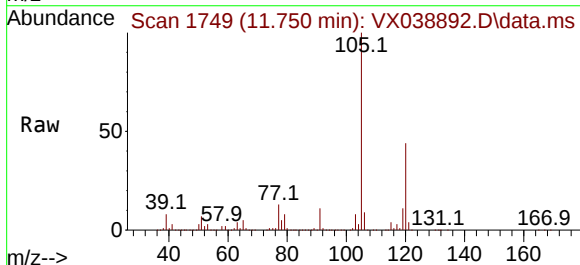
Tgt Ion:119 Resp: 380382
Ion Ratio Lower Upper
119 100
91 60.1 31.2 93.6
134 21.2 11.7 35.0

Manual Integrations
APPROVED

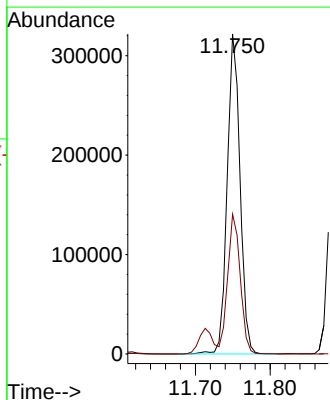
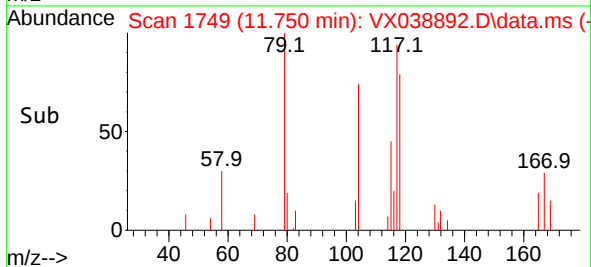
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

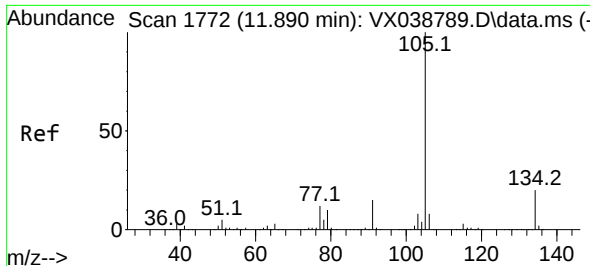


#84
1,2,4-Trimethylbenzene
Concen: 47.169 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



Tgt Ion:105 Resp: 385172
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





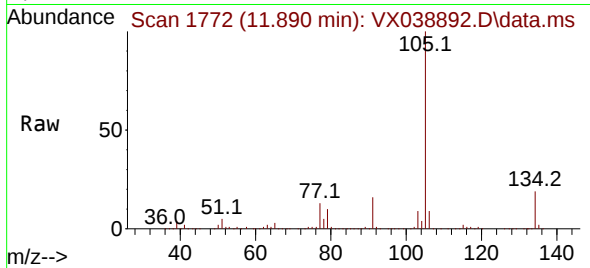
#85
 sec-Butylbenzene
 Concen: 47.151 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



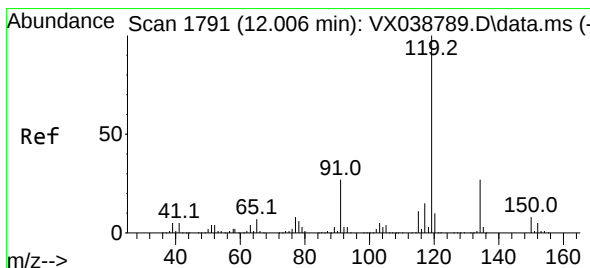
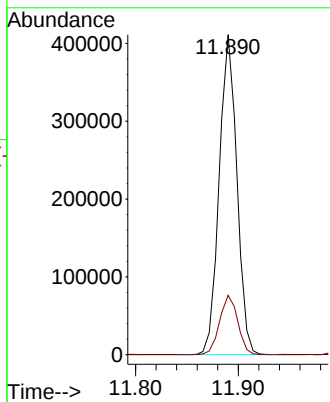
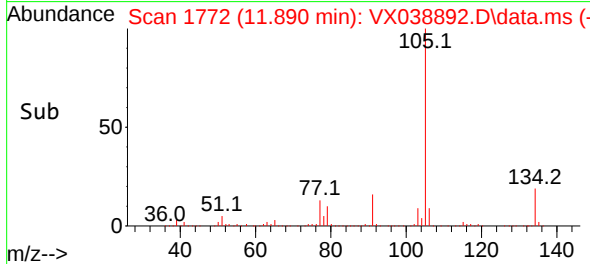
Tgt Ion:105 Resp: 49004
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

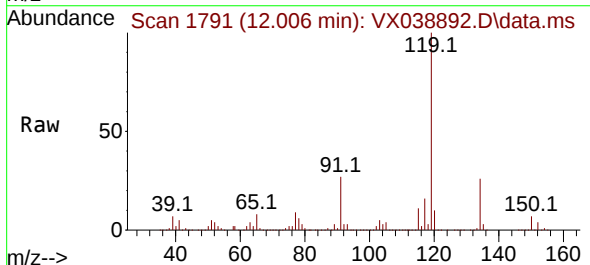
APPROVED

Reviewed By :John Carlone 11/18/2023

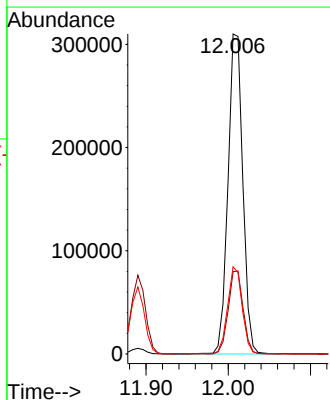
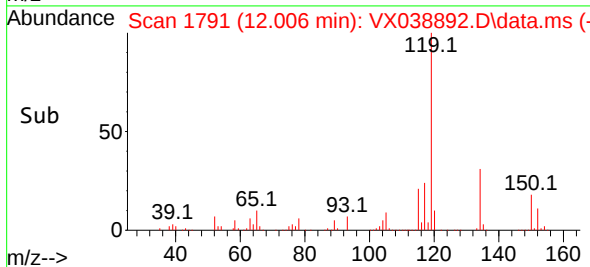
Supervised By :Mahesh Dadoda 11/20/2023

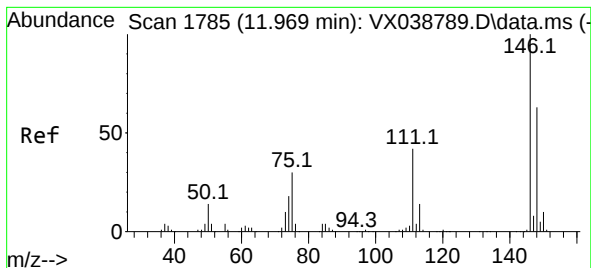


#86
 p-Isopropyltoluene
 Concen: 46.640 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038892.D
 Acq: 17 Nov 2023 19:44



Tgt Ion:119 Resp: 389121
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.204 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038892.D

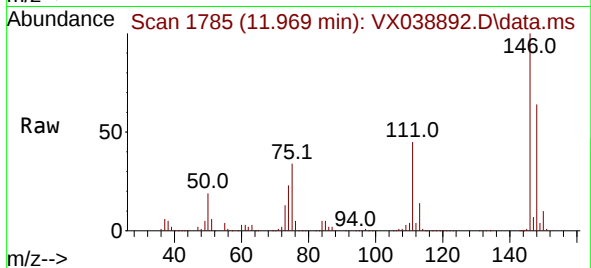
Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 195069

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.1

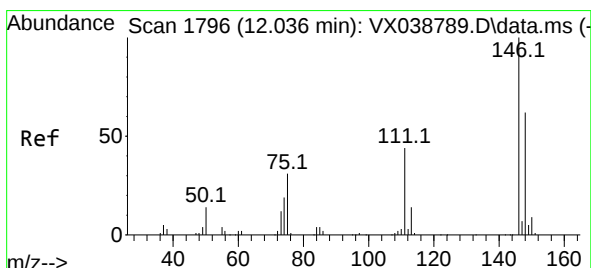
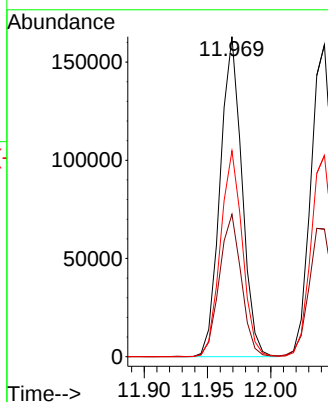
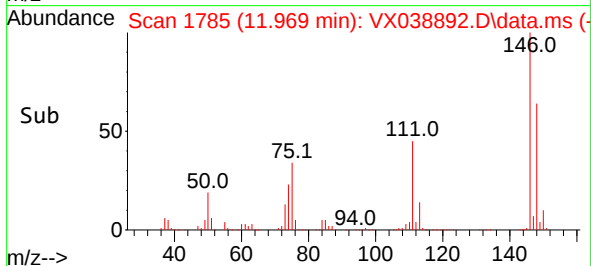
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 45.770 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

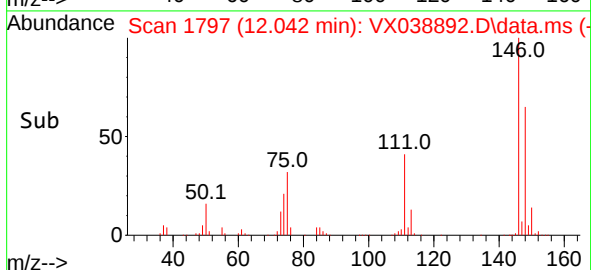
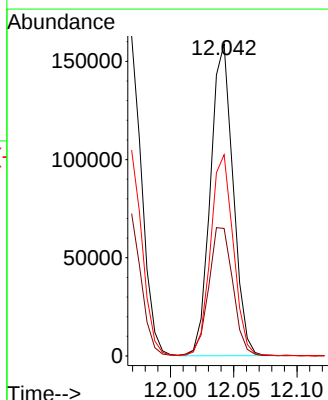
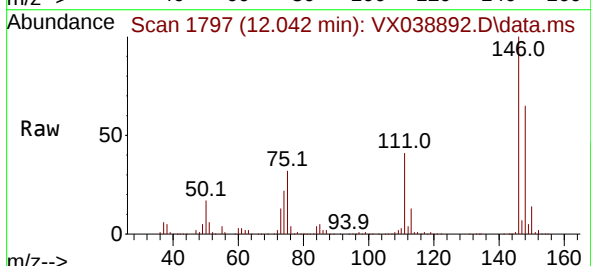
Tgt Ion:146 Resp: 197775

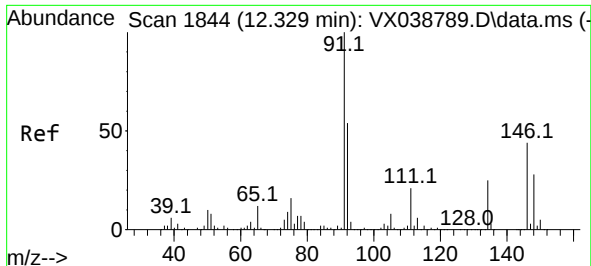
Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.7

148 65.3 31.8 95.4





#89

n-Butylbenzene

Concen: 45.851 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 385958

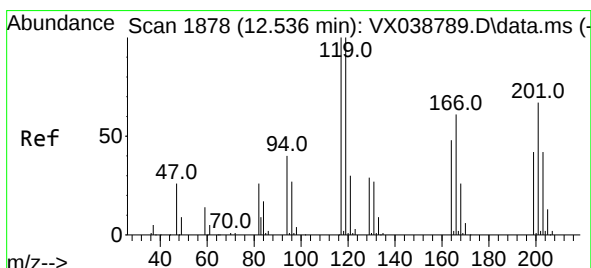
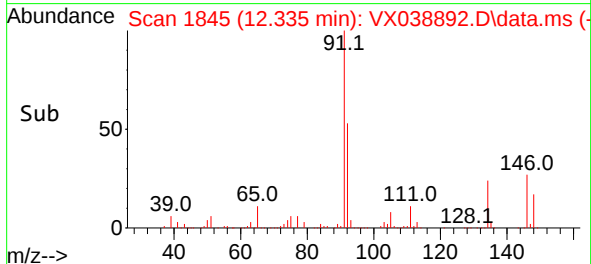
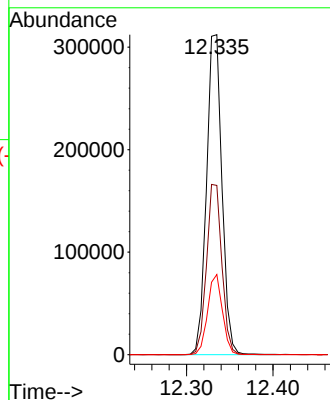
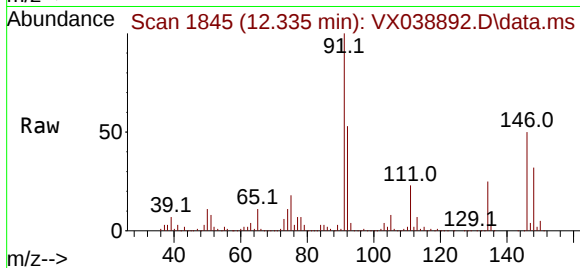
Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.4	82.0
134	24.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 47.451 ug/l

RT: 12.536 min Scan# 1878

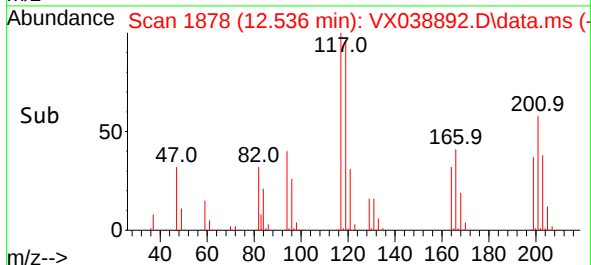
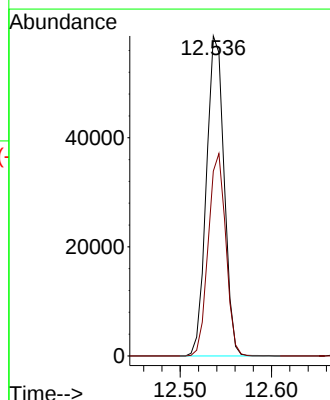
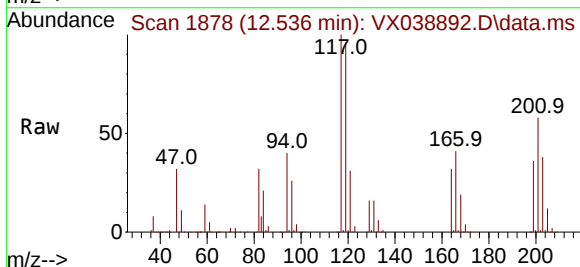
Delta R.T. -0.000 min

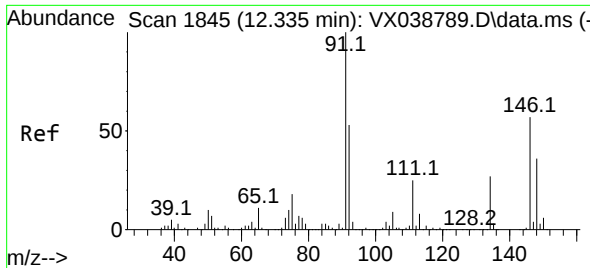
Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Tgt Ion:117 Resp: 79057

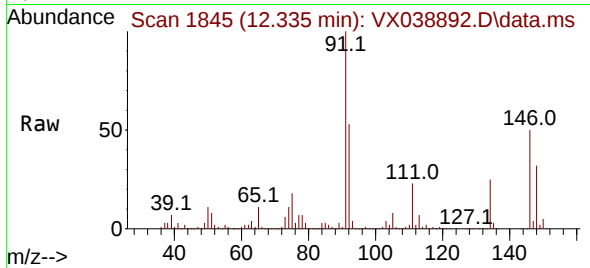
Ion	Ratio	Lower	Upper
117	100		
201	62.6	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 48.305 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

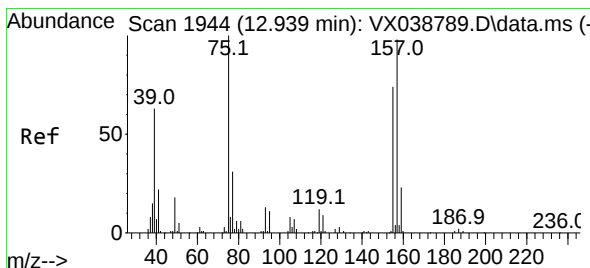
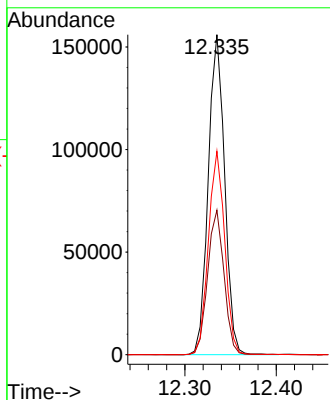
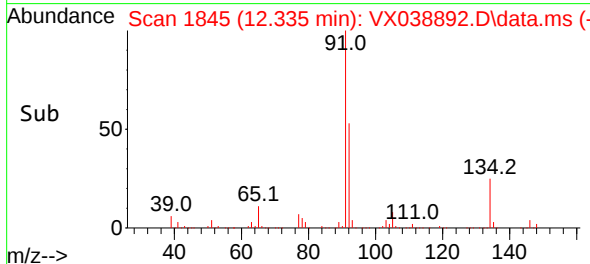
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



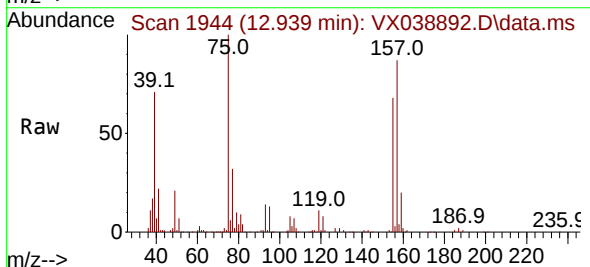
Tgt Ion:146 Resp: 193429
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
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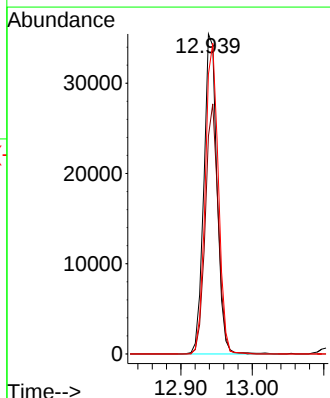
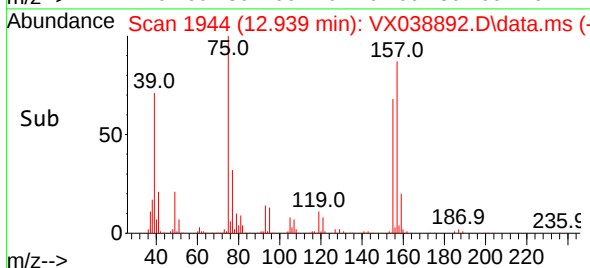
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

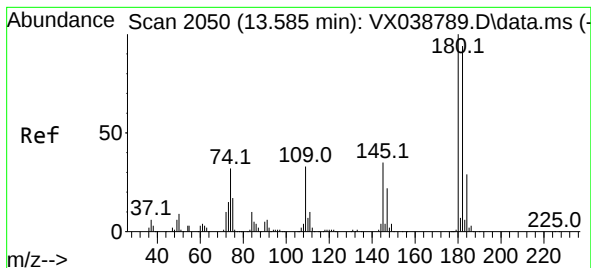


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.442 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44



Tgt Ion: 75 Resp: 45372
Ion Ratio Lower Upper
75 100
155 76.7 36.1 108.5
157 96.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.516 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

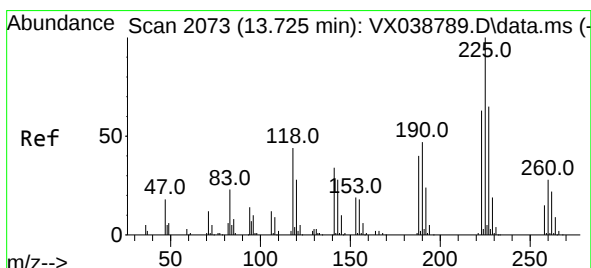
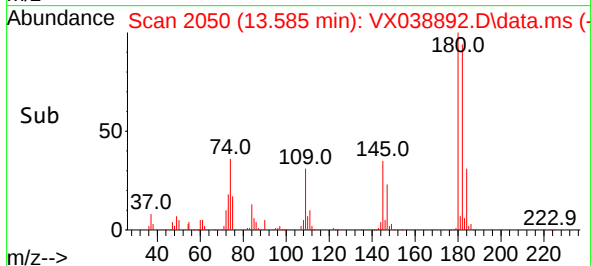
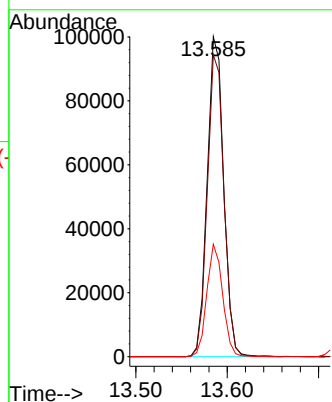
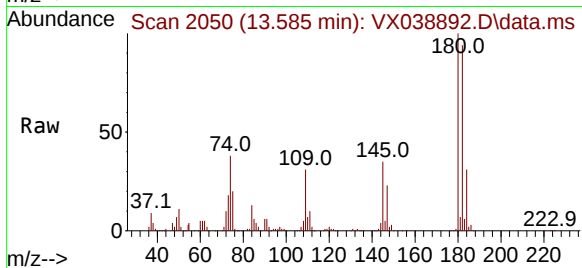
Tgt Ion:180	Resp: 124820
Ion Ratio	Lower Upper
180 100	
182 94.9	48.3 144.8
145 34.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 46.250 ug/l

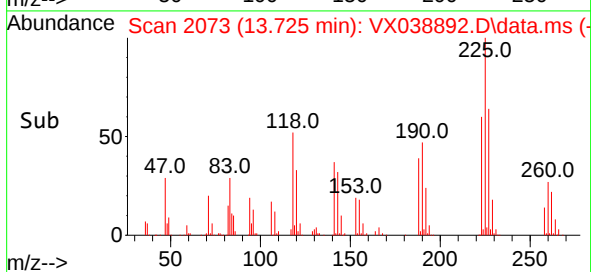
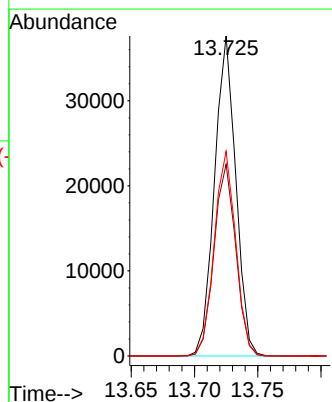
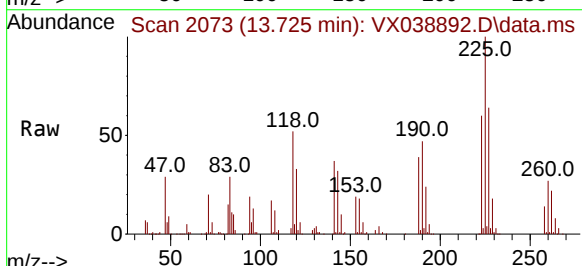
RT: 13.725 min Scan# 2073

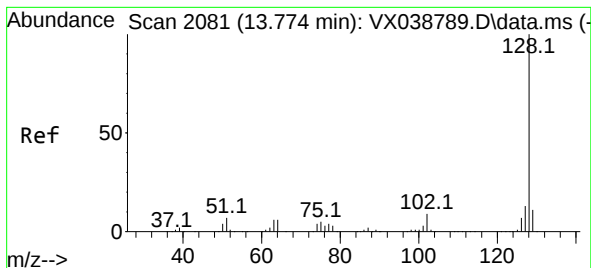
Delta R.T. -0.000 min

Lab File: VX038892.D

Acq: 17 Nov 2023 19:44

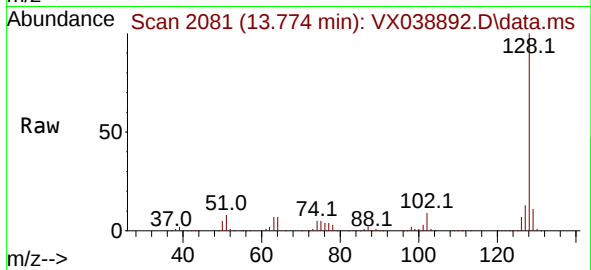
Tgt Ion:225	Resp: 43950
Ion Ratio	Lower Upper
225 100	
223 61.1	31.1 93.2
227 64.7	32.5 97.5





#95
Naphthalene
Concen: 47.254 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

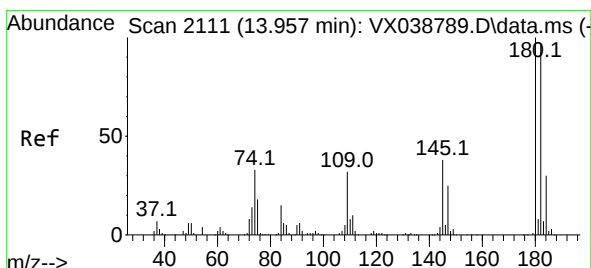
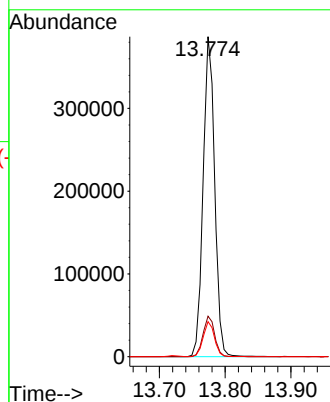
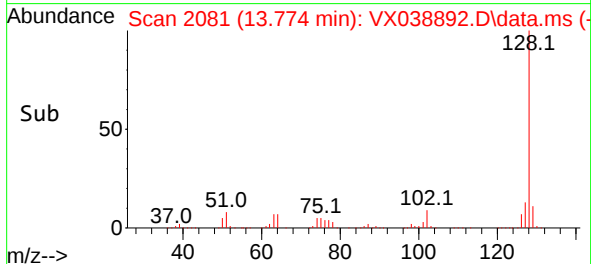
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 472259
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.557 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038892.D
Acq: 17 Nov 2023 19:44

Tgt Ion:180 Resp: 120972
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 36.0 17.8 53.5

