

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038801.D
 Acq On : 14 Nov 2023 13:17
 Operator : JC/MD
 Sample : VX1114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:27:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81530	47.519	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	69979	48.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	8.647	98	267614	49.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.560%		
62) 4-Bromofluorobenzene	11.079	95	111956	49.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26176	19.191	ug/l	96
3) Chloromethane	1.294	50	25244	17.820	ug/l	98
4) Vinyl Chloride	1.374	62	22575	18.191	ug/l	99
5) Bromomethane	1.605	94	16546	18.558	ug/l	97
6) Chloroethane	1.685	64	13565	18.116	ug/l	98
7) Trichlorofluoromethane	1.886	101	34229	18.500	ug/l	99
8) Diethyl Ether	2.130	74	11862	17.125	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	25715	19.114	ug/l	96
10) Methyl Iodide	2.453	142	33563	19.243	ug/l	89
11) Tert butyl alcohol	2.953	59	35360	80.654	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	25700	18.579	ug/l	85
13) Acrolein	2.233	56	30311	104.022	ug/l	98
14) Allyl chloride	2.666	41	46222	18.637	ug/l	90
15) Acrylonitrile	3.062	53	90838	95.090	ug/l	97
16) Acetone	2.373	43	86601	94.195	ug/l	92
17) Carbon Disulfide	2.514	76	67252	17.914	ug/l	100
18) Methyl Acetate	2.703	43	78436	18.382	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	85078	19.098	ug/l	99
20) Methylene Chloride	2.788	84	29012	16.872	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28481	19.059	ug/l	90
22) Diisopropyl ether	3.757	45	85089	18.859	ug/l	91
23) Vinyl Acetate	3.721	43	301572	98.400	ug/l	97
24) 1,1-Dichloroethane	3.611	63	48007	18.557	ug/l	97
25) 2-Butanone	4.550	43	129428	94.732	ug/l	95
26) 2,2-Dichloropropane	4.477	77	37271	19.331	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	31731	18.574	ug/l	91
28) Bromochloromethane	4.897	49	23029	19.679	ug/l	83
29) Tetrahydrofuran	5.001	42	84055	95.869	ug/l	95
30) Chloroform	5.093	83	49887	18.330	ug/l	96
31) Cyclohexane	5.470	56	45160	19.326	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	41777	18.633	ug/l	97
36) 1,1-Dichloropropene	5.690	75	37997	18.620	ug/l	97
37) Ethyl Acetate	4.708	43	45629	19.501	ug/l #	95
38) Carbon Tetrachloride	5.678	117	35766	18.960	ug/l	96
39) Methylcyclohexane	7.379	83	47599	18.873	ug/l	98
40) Benzene	6.037	78	113228	19.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25176	20.196	ug/l	93
42) 1,2-Dichloroethane	6.092	62	37965	18.788	ug/l	97
43) Isopropyl Acetate	6.336	43	68175	19.341	ug/l	95
44) Trichloroethene	7.123	130	30925	19.183	ug/l	95
45) 1,2-Dichloropropane	7.427	63	28529	19.420	ug/l	96
46) Dibromomethane	7.580	93	19977	19.149	ug/l	94
47) Bromodichloromethane	7.818	83	35578	18.271	ug/l	97
48) Methyl methacrylate	7.690	41	34111	19.773	ug/l	87
49) 1,4-Dioxane	7.659	88	13532	385.830	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	238794	100.257	ug/l	97
52) Toluene	8.720	92	71814	19.617	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39522	19.385	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44655	19.679	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	29484	19.232	ug/l	96
56) Ethyl methacrylate	9.116	69	47129	19.784	ug/l	91
57) 1,3-Dichloropropane	9.305	76	48302	19.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	118922	103.671	ug/l	98
59) 2-Hexanone	9.427	43	192605	100.347	ug/l	96
60) Dibromochloromethane	9.519	129	27786	18.851	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31625	19.165	ug/l	99
64) Tetrachloroethene	9.275	164	24555	19.528	ug/l	95
65) Chlorobenzene	10.079	112	77755	19.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26441	19.213	ug/l	99
67) Ethyl Benzene	10.195	91	138696	19.382	ug/l	99
68) m/p-Xylenes	10.299	106	107923	39.549	ug/l	100
69) o-Xylene	10.640	106	52276	19.741	ug/l	99
70) Styrene	10.652	104	88639	20.008	ug/l	97
71) Bromoform	10.799	173	18812	17.638	ug/l #	100
73) Isopropylbenzene	10.963	105	136894	19.507	ug/l	99
74) N-amyl acetate	10.841	43	59113	20.284	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	47108	18.550	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40890m	18.978	ug/l	
77) Bromobenzene	11.195	156	32626	19.534	ug/l	96
78) n-propylbenzene	11.305	91	163379	19.464	ug/l	99
79) 2-Chlorotoluene	11.360	91	98754	19.187	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	119288	19.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13023	17.368	ug/l	91
82) 4-Chlorotoluene	11.451	91	116040	19.584	ug/l	99
83) tert-Butylbenzene	11.713	119	114228	19.548	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119556	19.742	ug/l	99
85) sec-Butylbenzene	11.890	105	146592	19.365	ug/l	100
86) p-Isopropyltoluene	12.006	119	123359	19.987	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63868	18.997	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65122	19.118	ug/l	98
89) n-Butylbenzene	12.329	91	115271	20.049	ug/l	98
90) Hexachloroethane	12.536	117	18502	18.774	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	61428	19.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11372	18.773	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	40251	19.673	ug/l	98
94) Hexachlorobutadiene	13.725	225	14342	18.397	ug/l	96
95) Naphthalene	13.774	128	150310	20.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40282	20.008	ug/l	98

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ClientSampleId :
VX1114WBS01

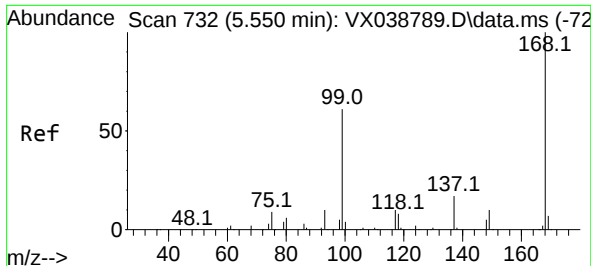
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

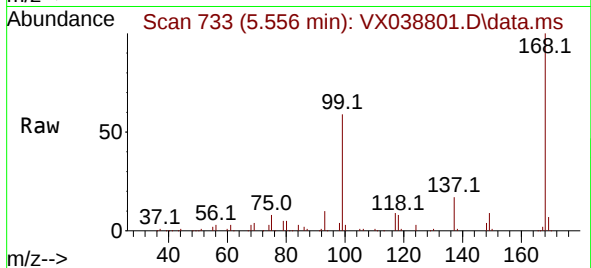
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038801.D
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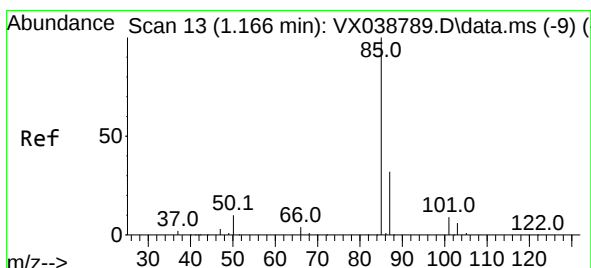
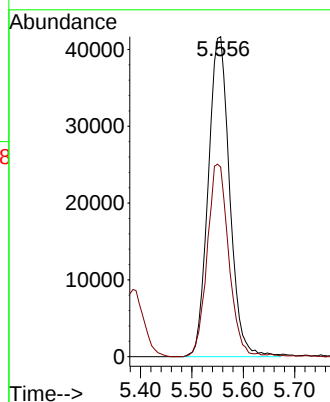
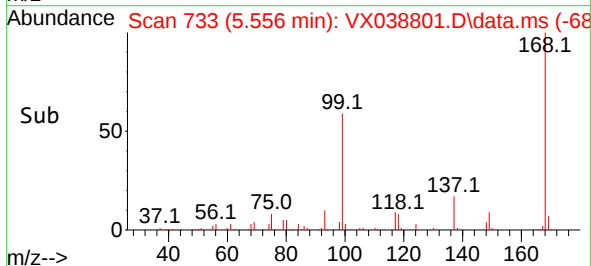
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion:168 Resp: 120600
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0

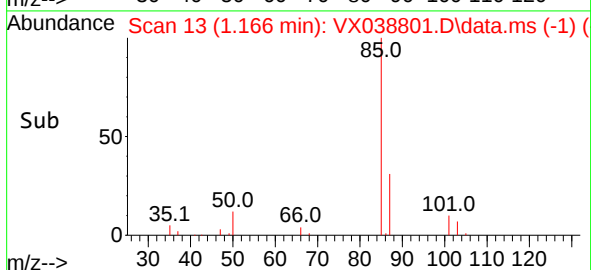
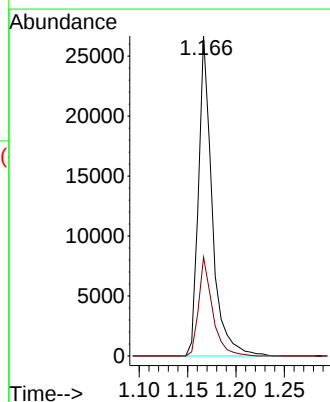
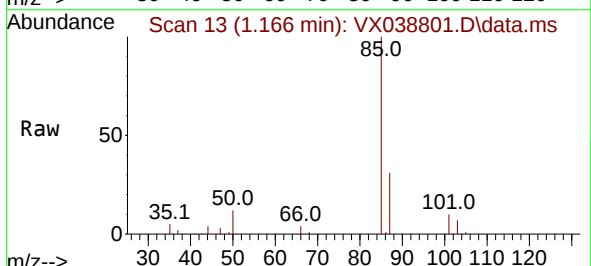
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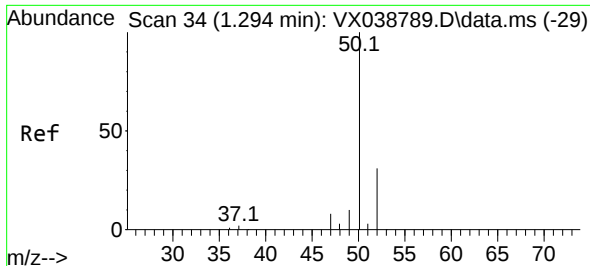
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#2
Dichlorodifluoromethane
Concen: 19.191 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

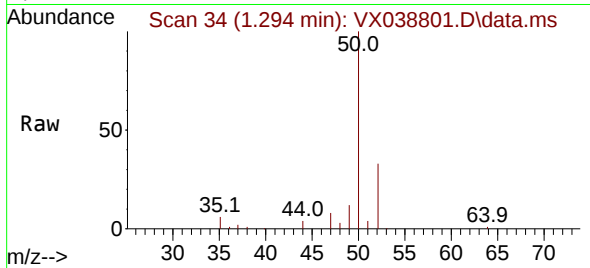
Tgt Ion: 85 Resp: 26176
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





#3
Chloromethane
Concen: 17.820 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

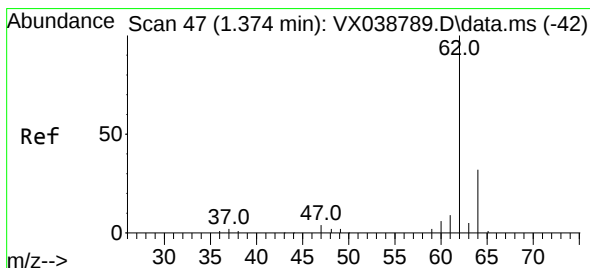
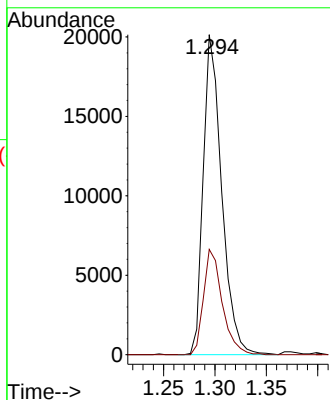
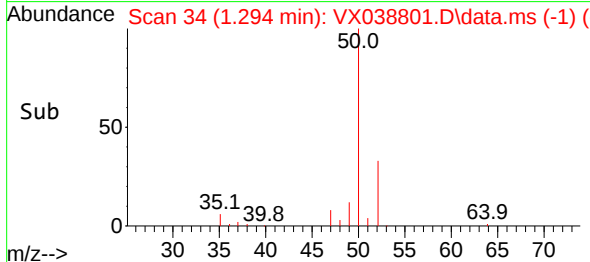
Instrument :
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ClientSampleId :
VX1114WBS01



Tgt Ion: 50 Resp: 25244
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

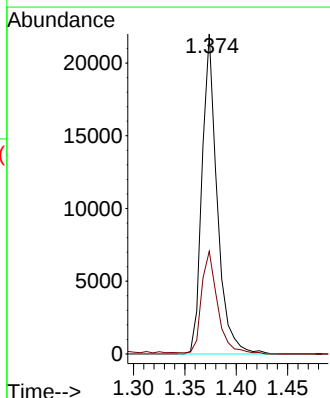
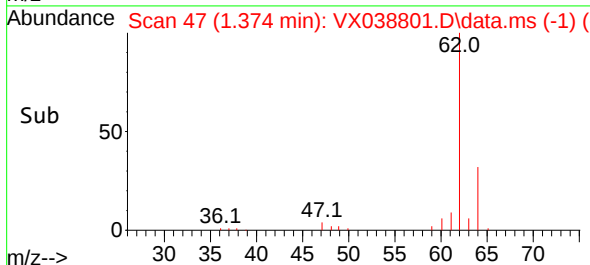
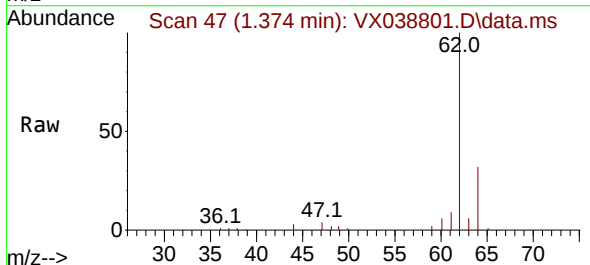
Manual Integrations
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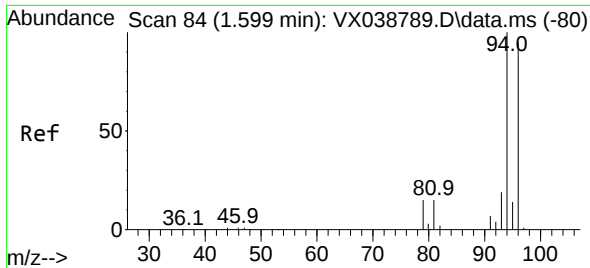
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#4
Vinyl Chloride
Concen: 18.191 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

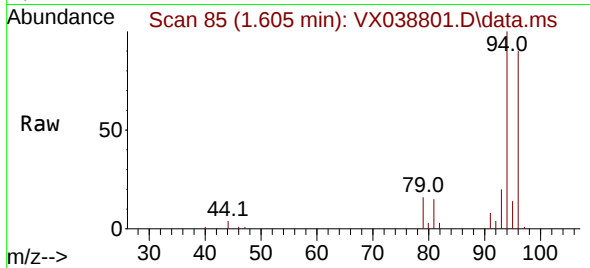
Tgt Ion: 62 Resp: 22575
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 18.558 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

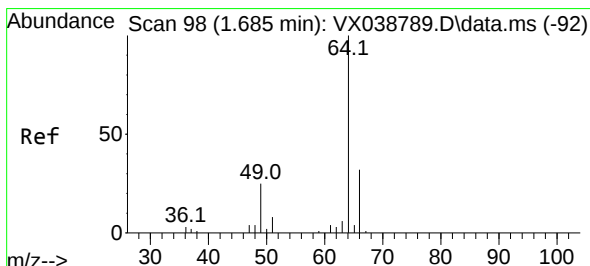
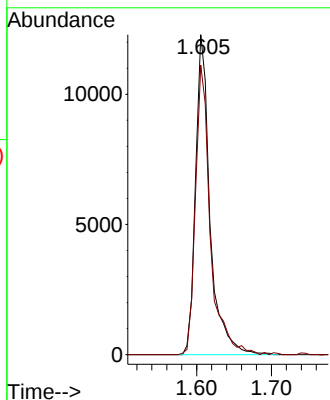
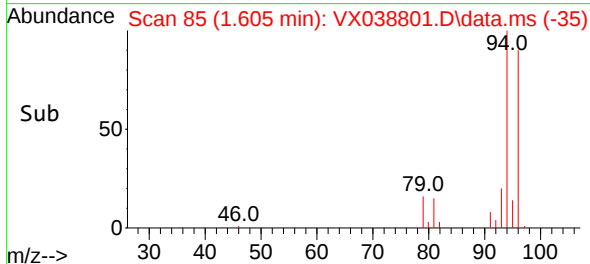
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Tgt Ion: 94 Resp: 16540
Ion Ratio Lower Upper
94 100
96 90.5 74.6 111.8

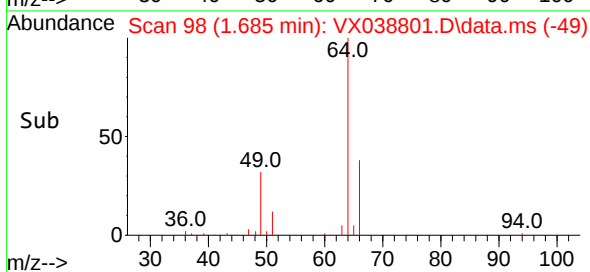
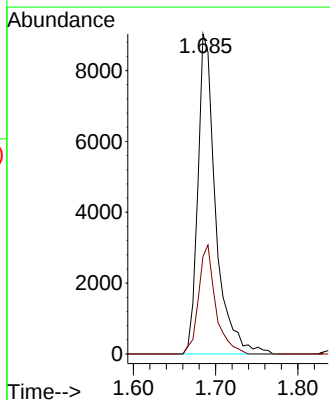
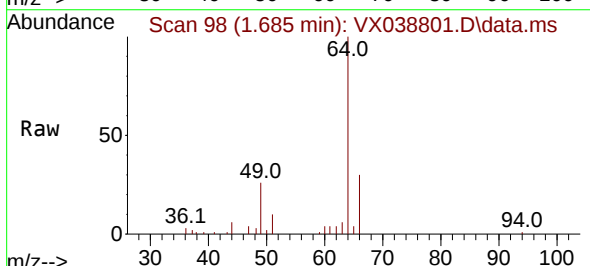
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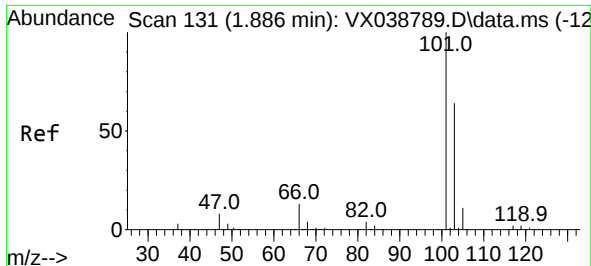
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#6
Chloroethane
Concen: 18.116 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

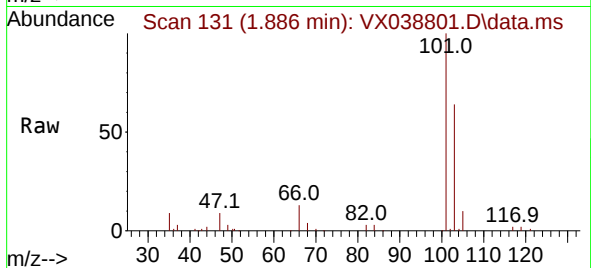
Tgt Ion: 64 Resp: 13565
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.500 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

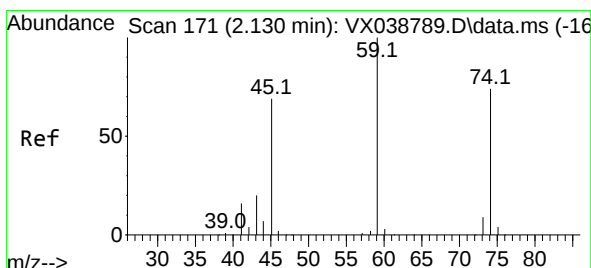
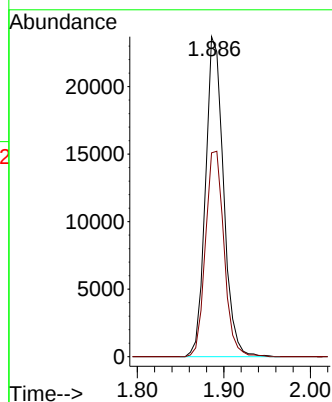
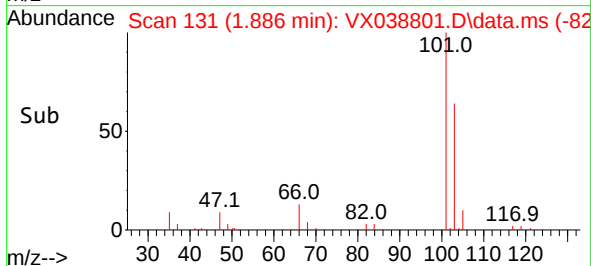
Instrument :
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Tgt Ion:101 Resp: 34229
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

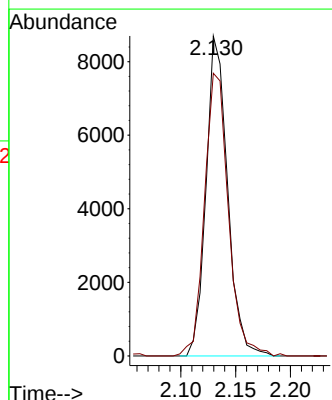
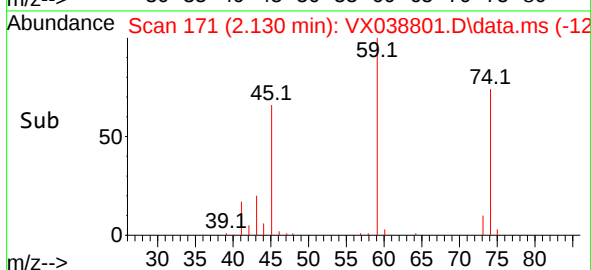
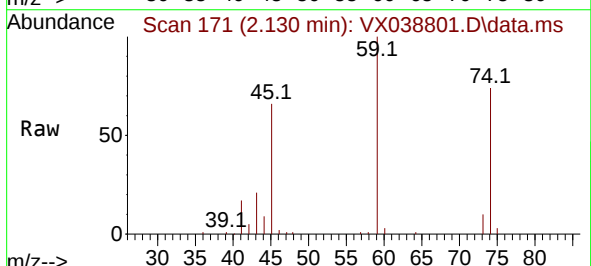
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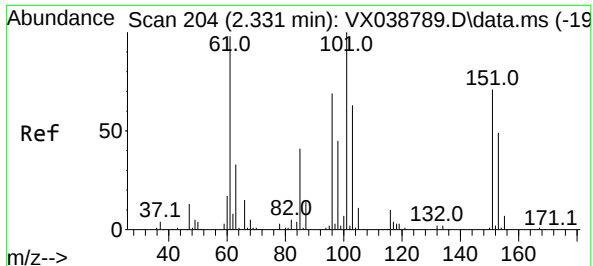
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#8
Diethyl Ether
Concen: 17.125 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 11862
Ion Ratio Lower Upper
74 100
45 98.1 53.3 159.8





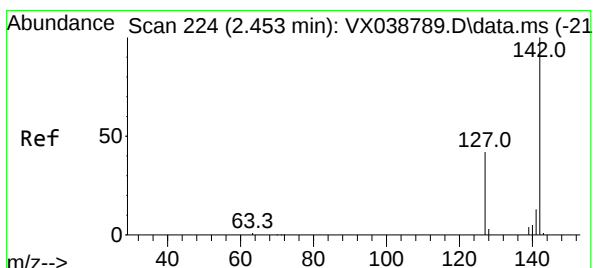
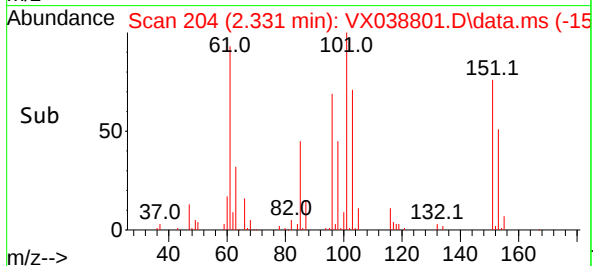
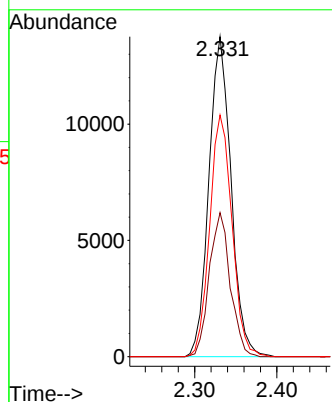
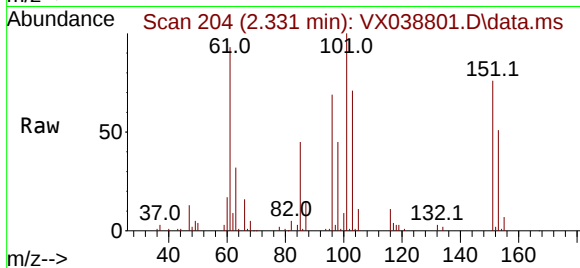
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.114 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion:101 Resp: 2571
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 76.3 58.6 87.8

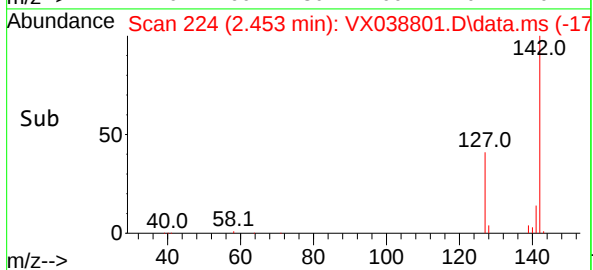
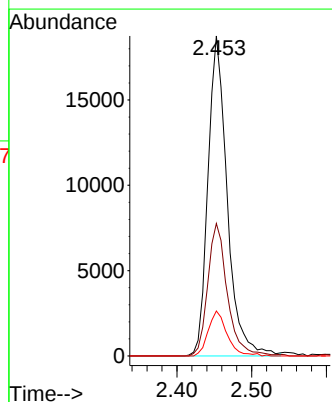
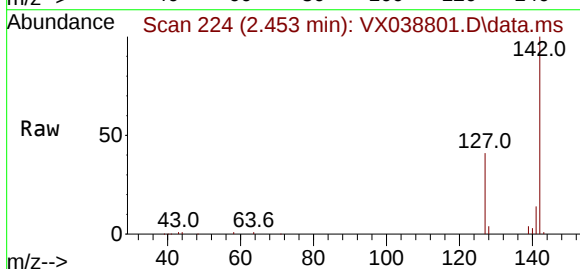
Manual Integrations
APPROVED

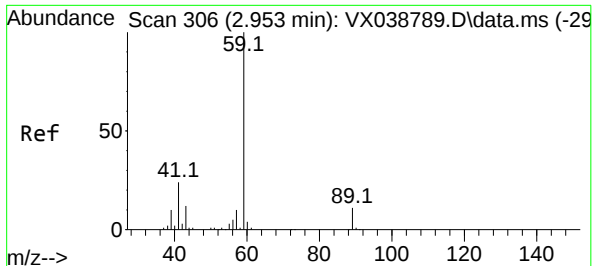
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 19.243 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

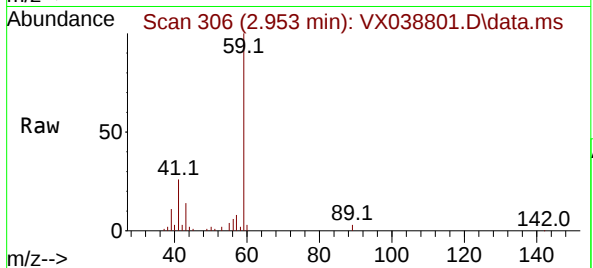
Tgt Ion:142 Resp: 33563
Ion Ratio Lower Upper
142 100
127 42.1 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 80.654 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

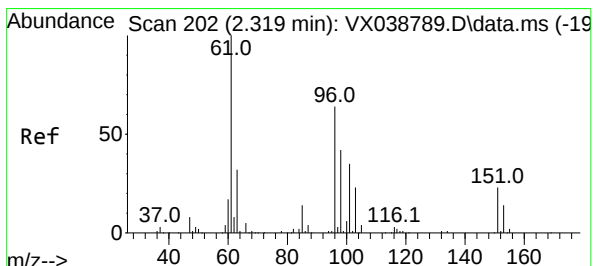
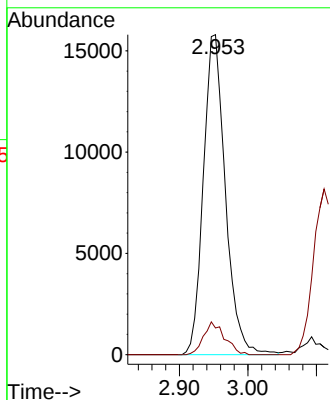
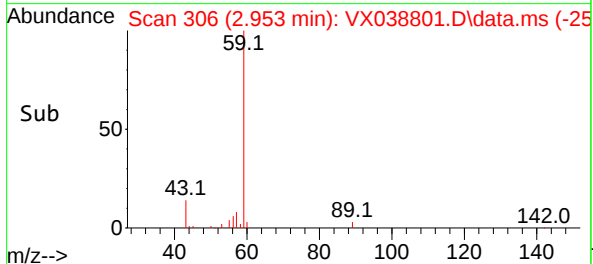
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 59 Resp: 35360
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

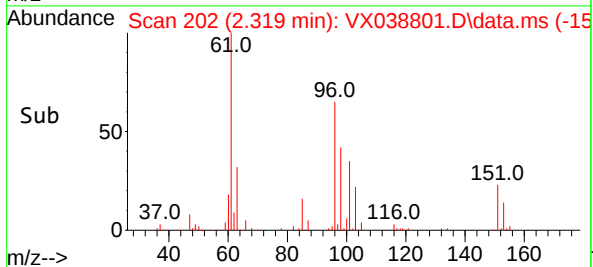
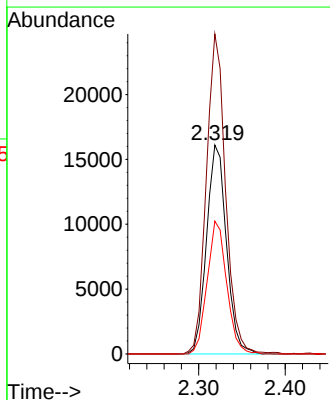
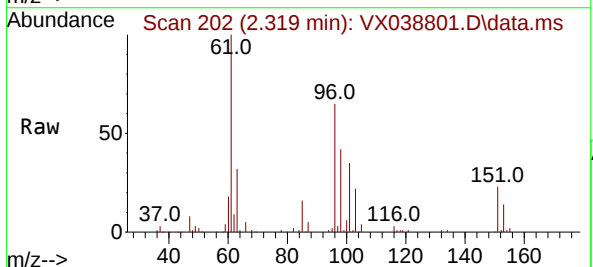
Manual Integrations
APPROVED

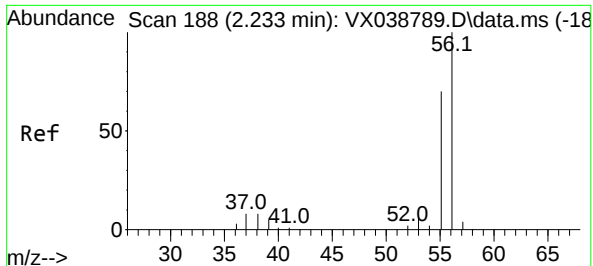
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 18.579 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

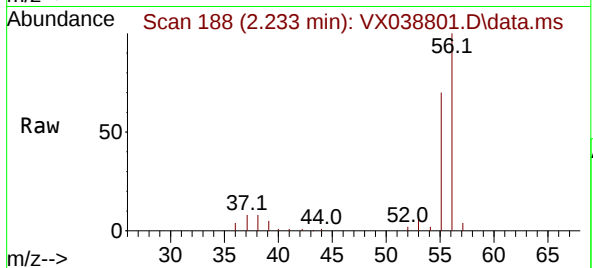
Tgt Ion: 96 Resp: 25700
Ion Ratio Lower Upper
96 100
61 153.1 144.6 216.8
98 63.5 50.4 75.6





#13
Acrolein
Concen: 104.022 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

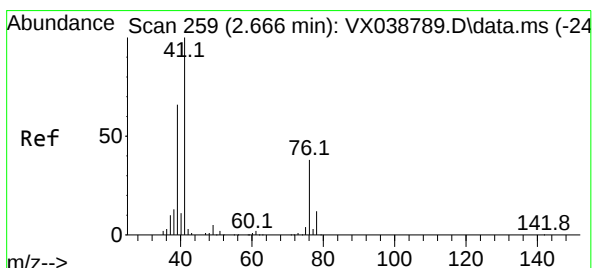
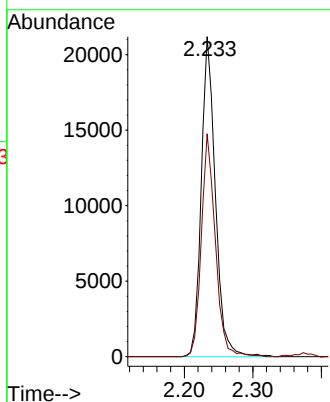
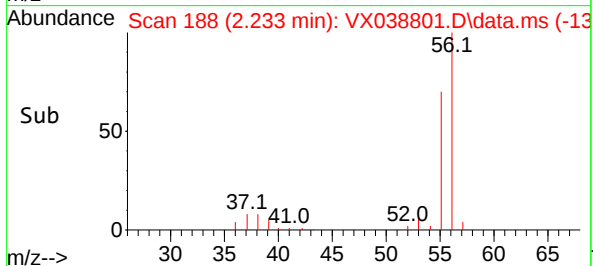
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 56 Resp: 3031
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

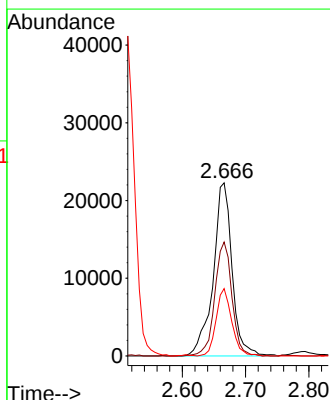
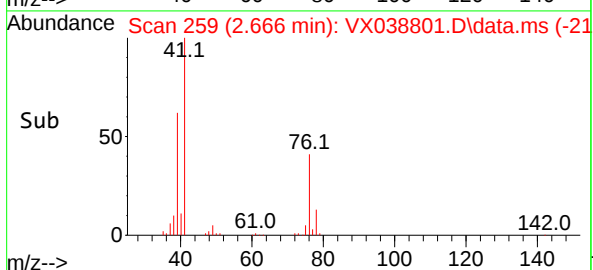
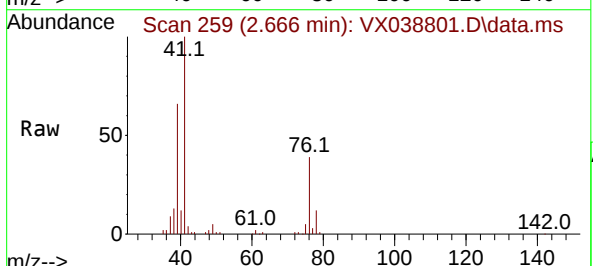
Manual Integrations
APPROVED

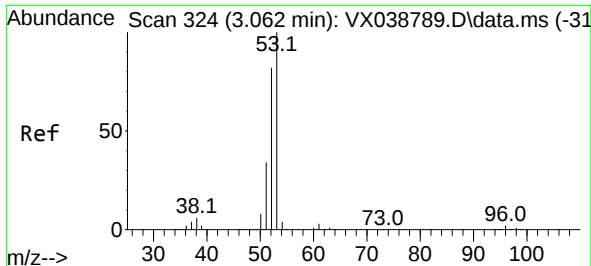
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 18.637 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

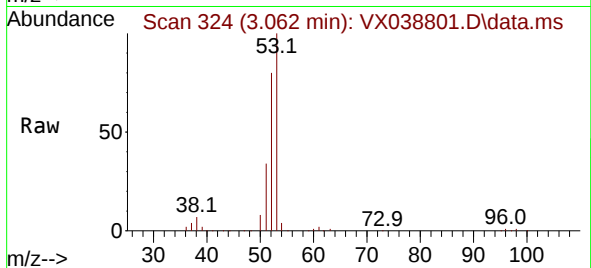
Tgt Ion: 41 Resp: 46222
Ion Ratio Lower Upper
41 100
39 59.6 55.8 83.6
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 95.090 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

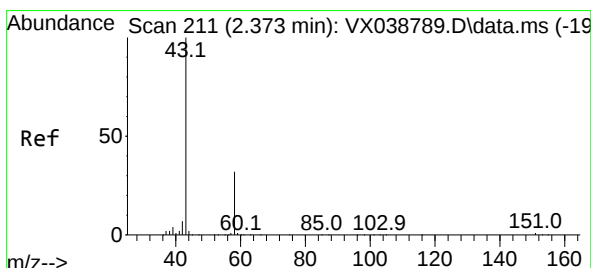
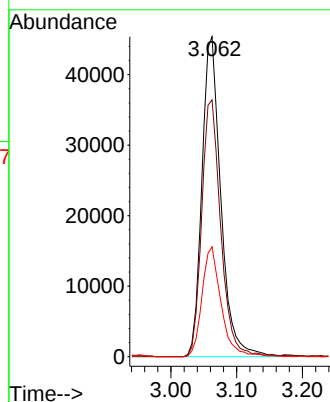
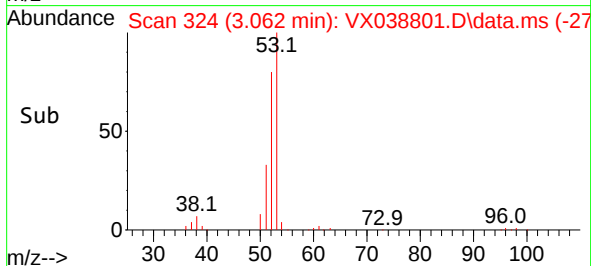
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 53 Resp: 90838
Ion Ratio Lower Upper
53 100
52 80.8 66.0 99.0
51 34.7 29.8 44.6

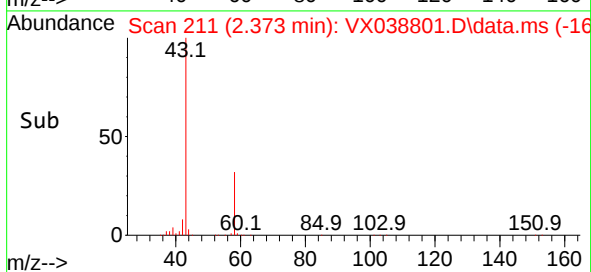
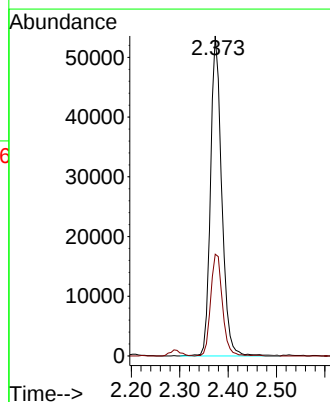
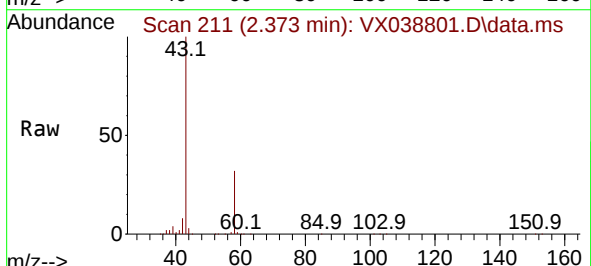
Manual Integrations
APPROVED

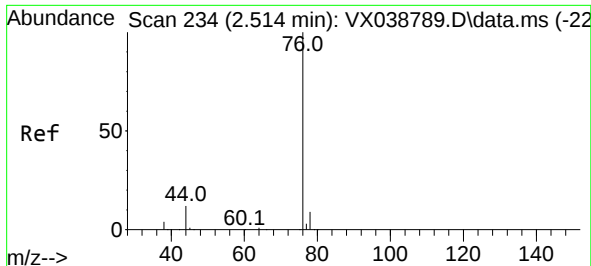
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 94.195 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion: 43 Resp: 86601
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





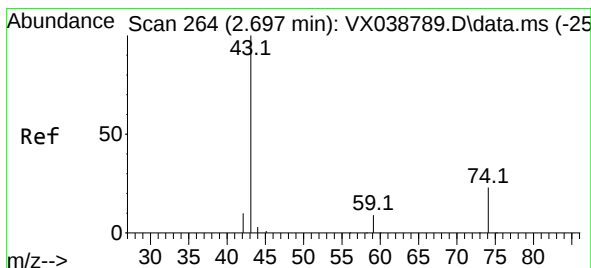
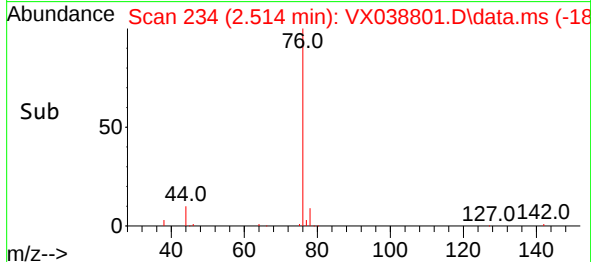
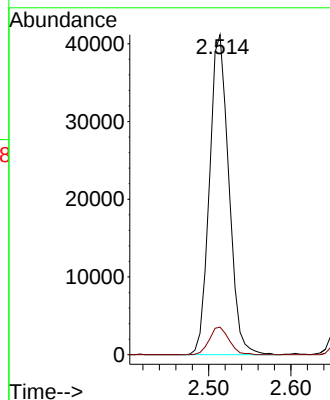
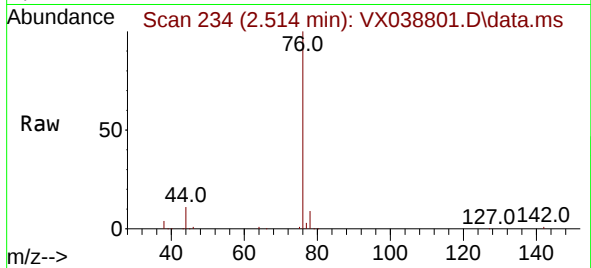
#17
Carbon Disulfide
Concen: 17.914 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion: 76 Resp: 6725
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

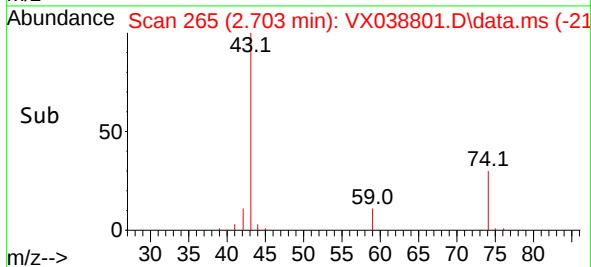
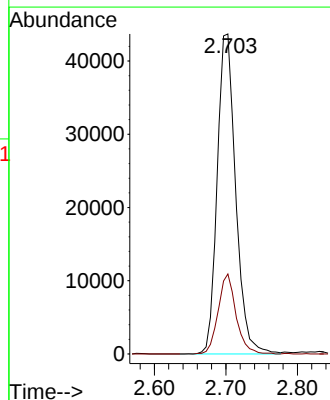
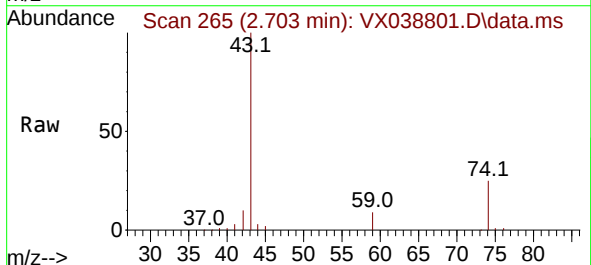
Manual Integrations
APPROVED

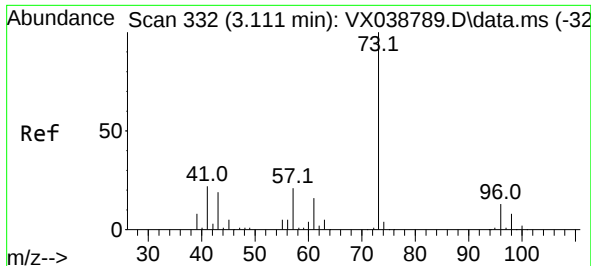
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 18.382 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

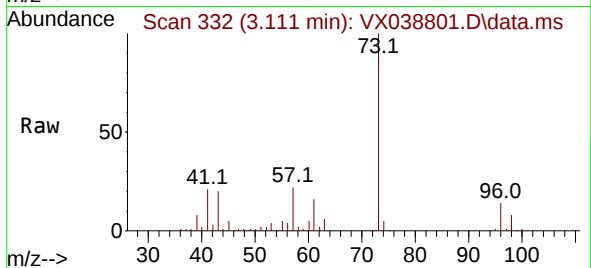
Tgt Ion: 43 Resp: 78436
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.098 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

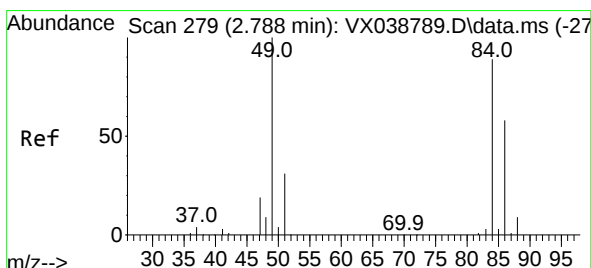
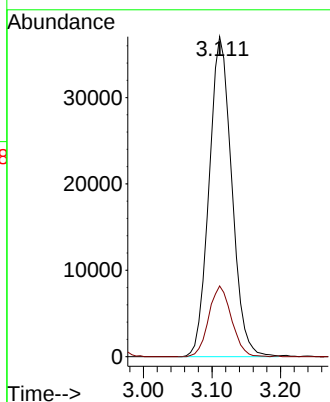
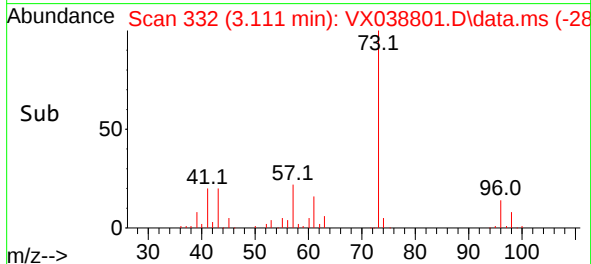
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 73 Resp: 85078
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

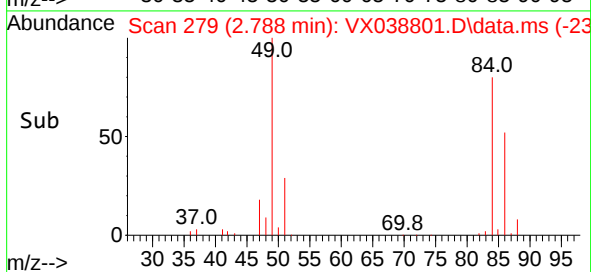
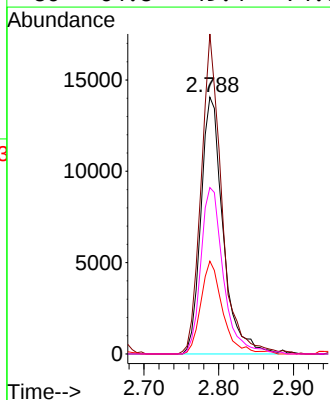
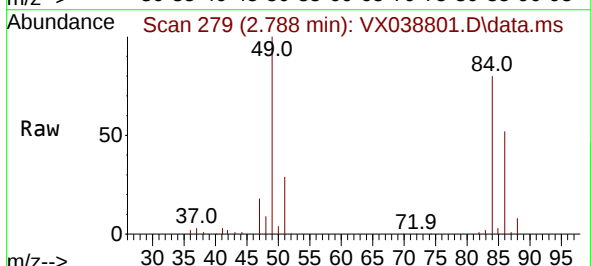
Manual Integrations
APPROVED

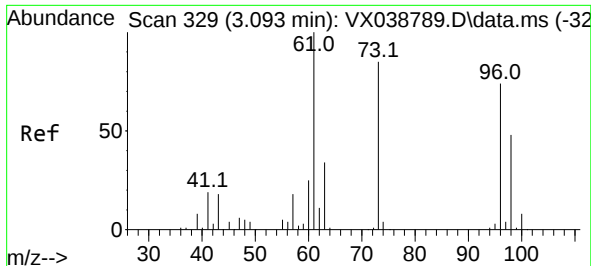
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 16.872 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

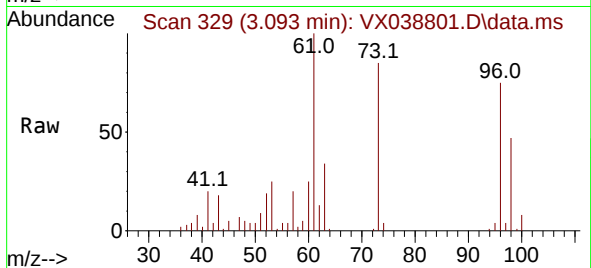
Tgt Ion: 84 Resp: 29012
Ion Ratio Lower Upper
84 100
49 124.6 103.6 155.4
51 36.2 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.059 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

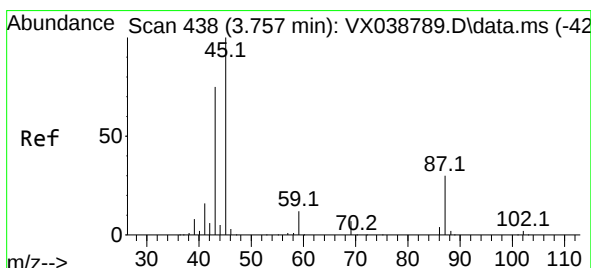
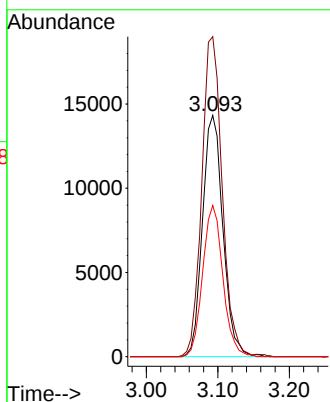
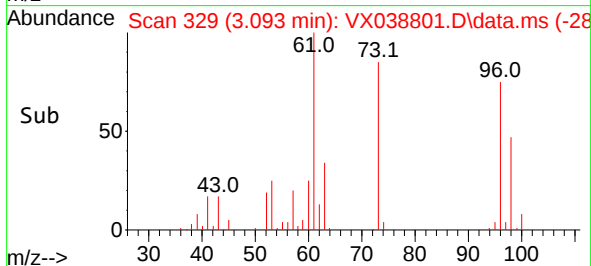
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



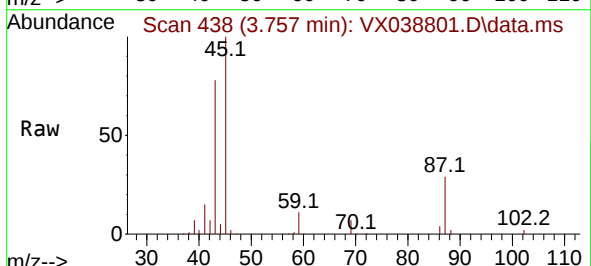
Tgt Ion: 96 Resp: 2848
Ion Ratio Lower Upper
96 100
61 132.6 119.2 178.8
98 62.7 48.7 73.1

Manual Integrations
APPROVED

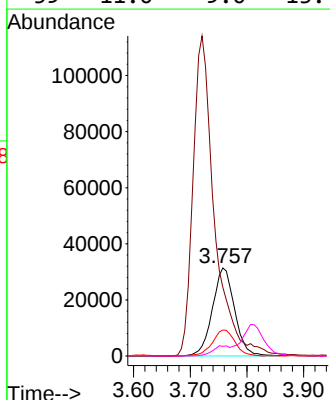
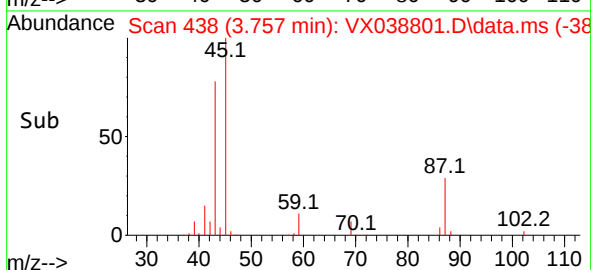
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

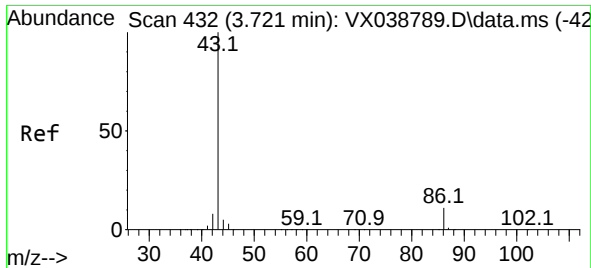


#22
Diisopropyl ether
Concen: 18.859 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



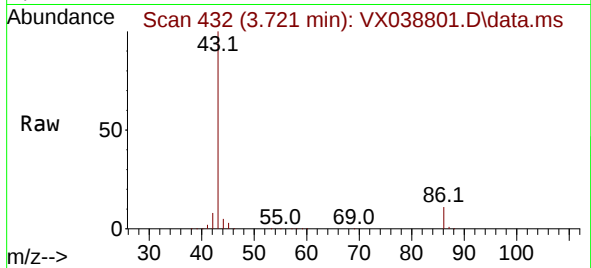
Tgt Ion: 45 Resp: 85089
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 29.4 20.8 31.2
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 98.400 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17

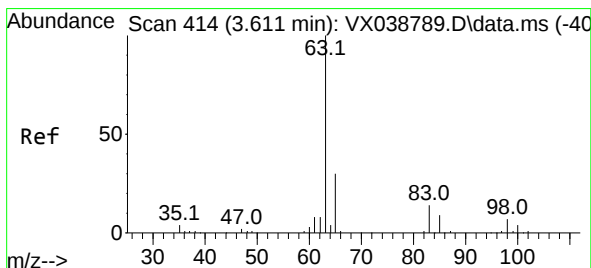
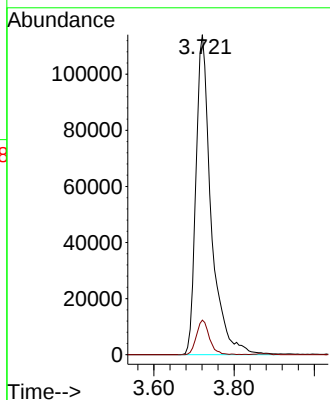
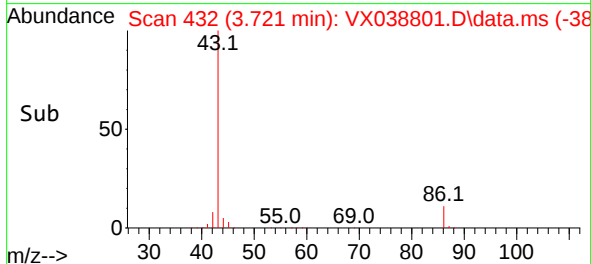
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01



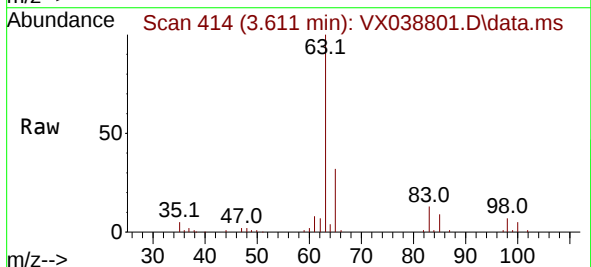
Tgt Ion: 43 Resp: 301572
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
 APPROVED

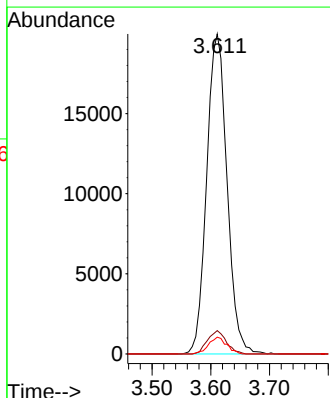
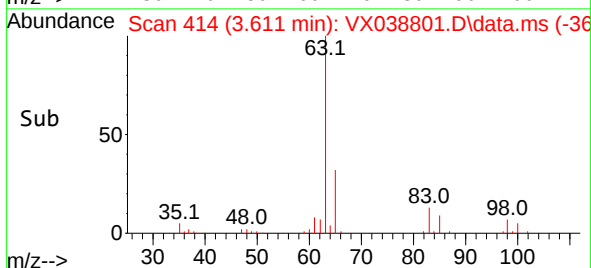
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

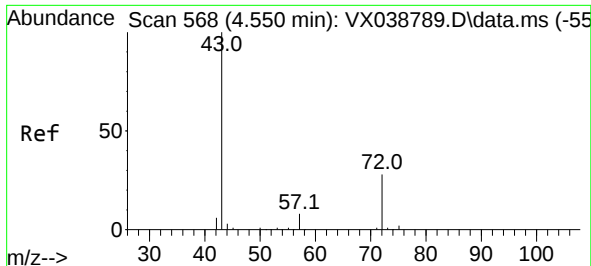


#24
 1,1-Dichloroethane
 Concen: 18.557 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17



Tgt Ion: 63 Resp: 48007
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 5.2 2.1 6.5





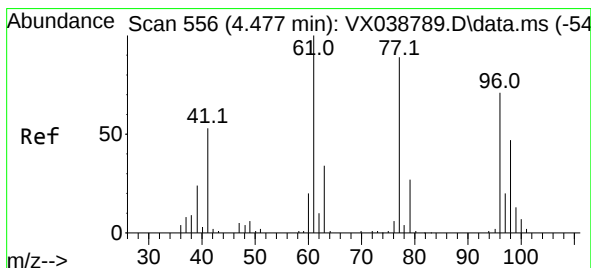
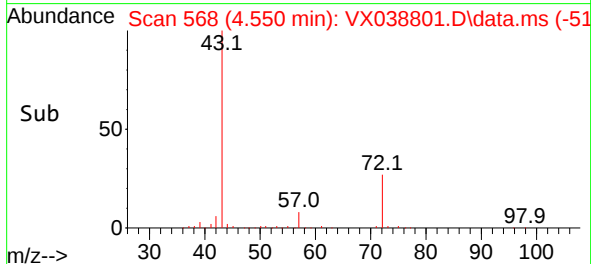
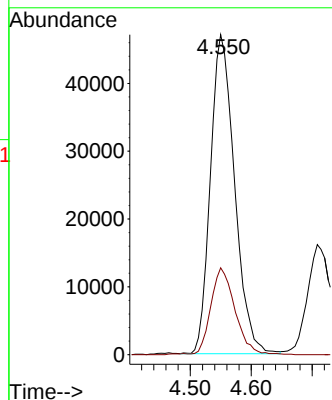
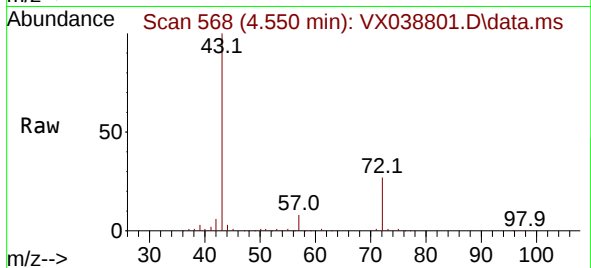
#25
2-Butanone
Concen: 94.732 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion: 43 Resp: 129428
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

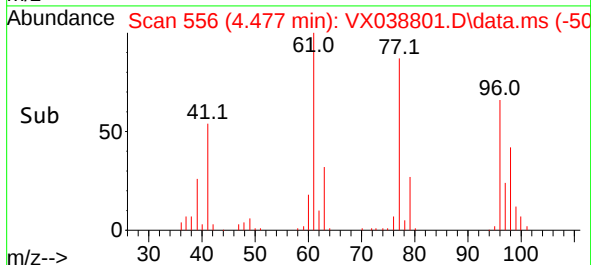
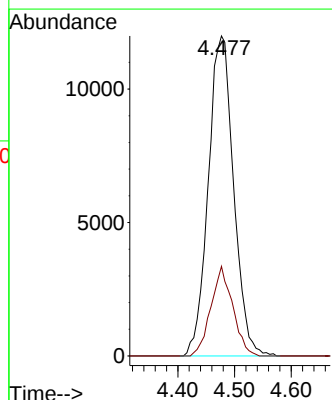
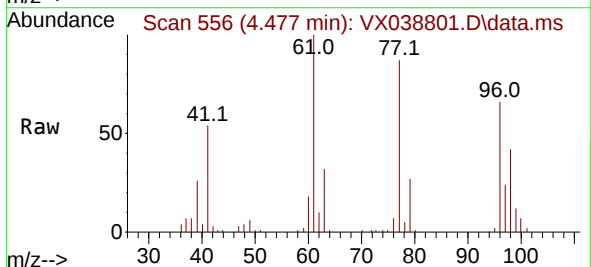
Manual Integrations
APPROVED

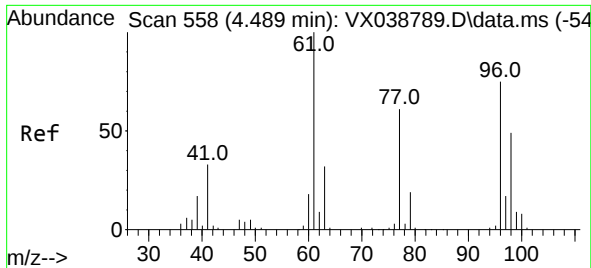
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 19.331 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

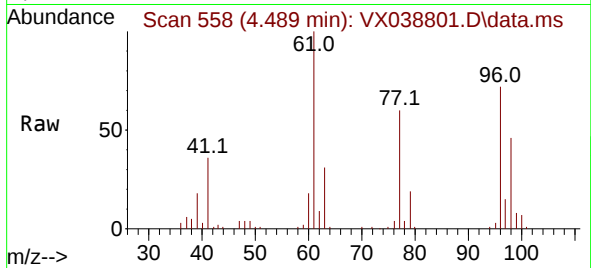
Tgt Ion: 77 Resp: 37271
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.574 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17

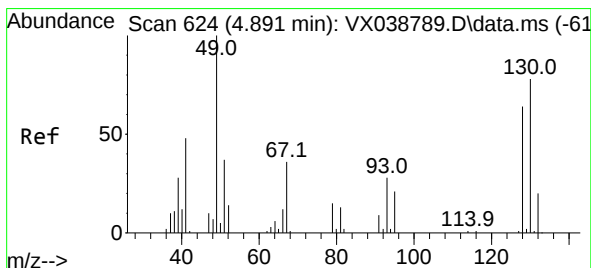
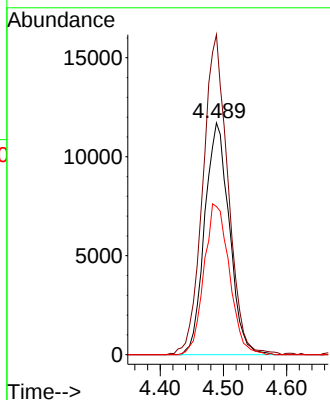
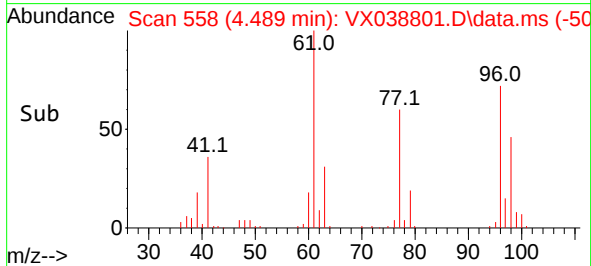
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01



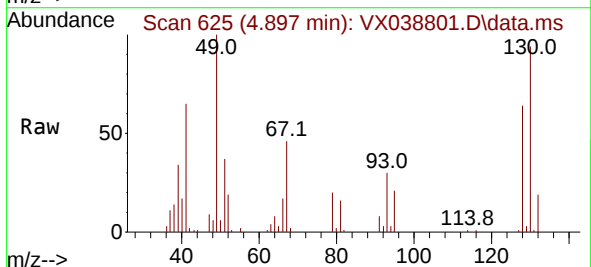
Tgt Ion: 96 Resp: 3173
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 312.2
 98 66.9 0.0 129.0

Manual Integrations
 APPROVED

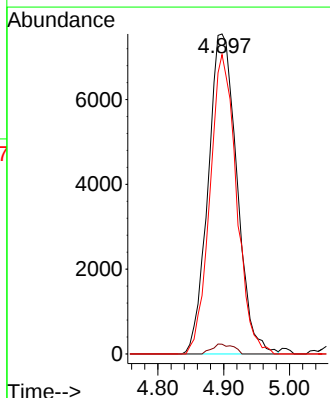
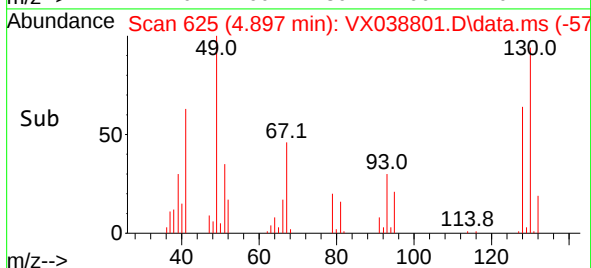
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

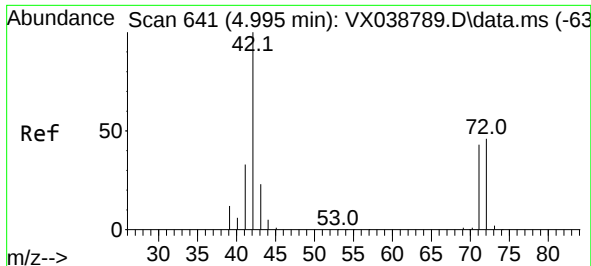


#28
 Bromochloromethane
 Concen: 19.679 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17



Tgt Ion: 49 Resp: 23029
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 86.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.869 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

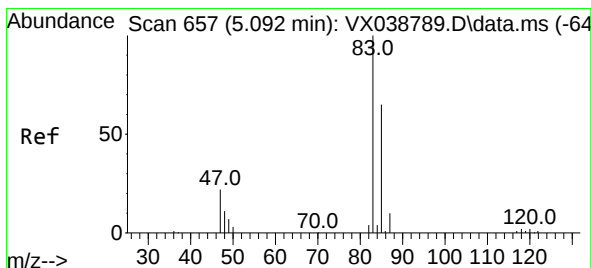
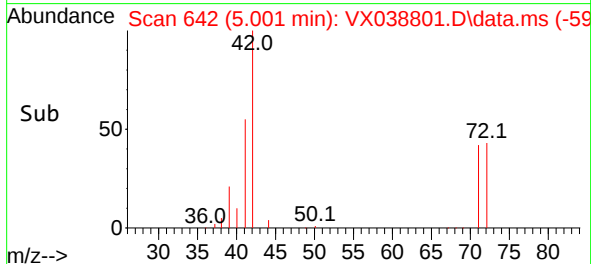
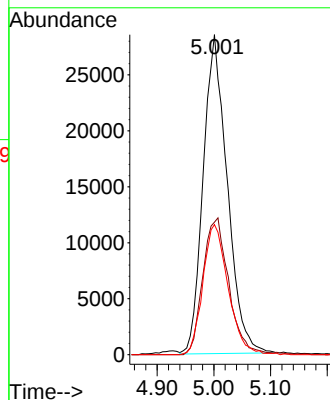
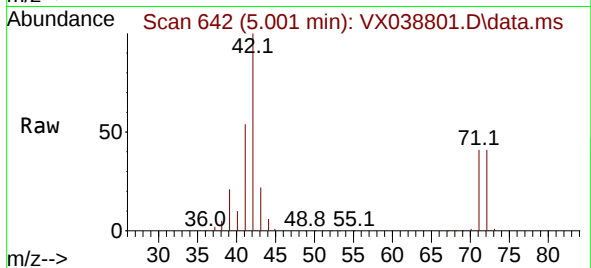
Tgt Ion:	42	Resp:	8405
Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.2	51.4
71	42.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 18.330 ug/l

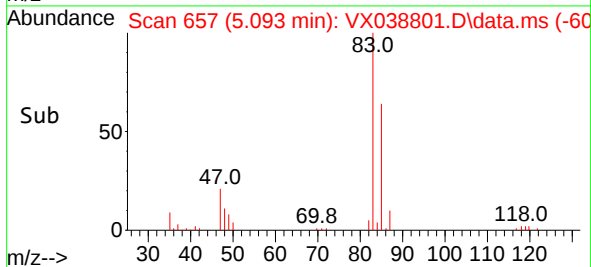
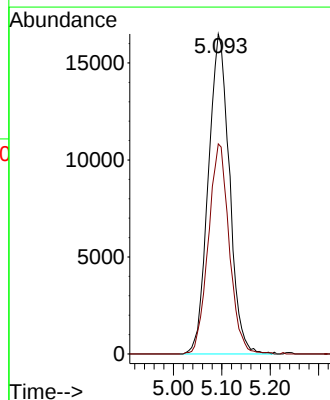
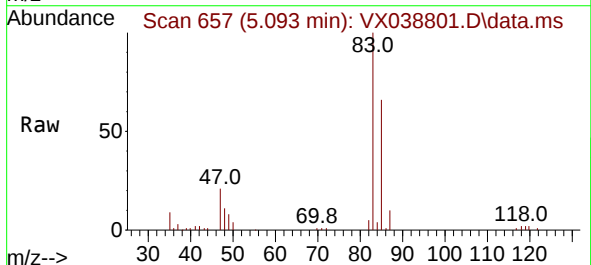
RT: 5.093 min Scan# 657

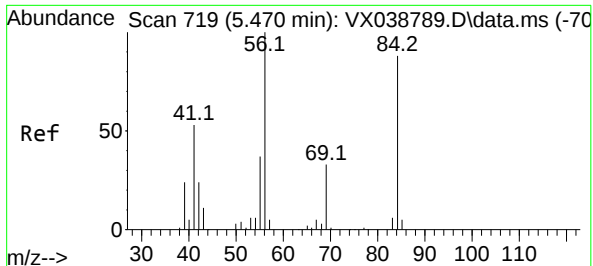
Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

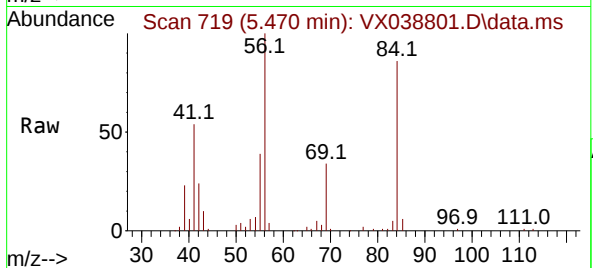
Tgt Ion:	83	Resp:	49887
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.3	75.5





#31
Cyclohexane
Concen: 19.326 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

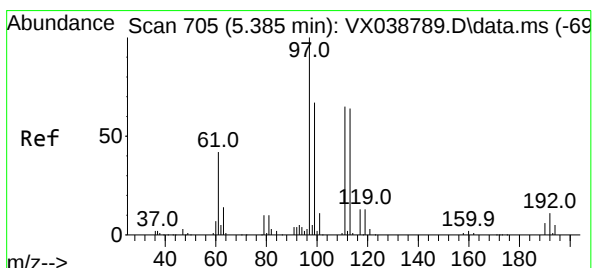
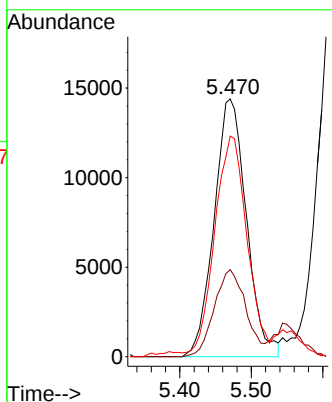
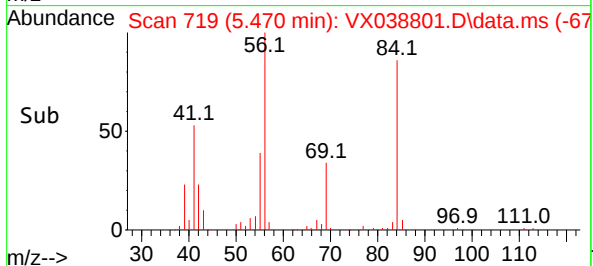
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 56 Resp: 45160
Ion Ratio Lower Upper
56 100
69 33.8 23.4 35.2
84 84.0 65.9 98.9

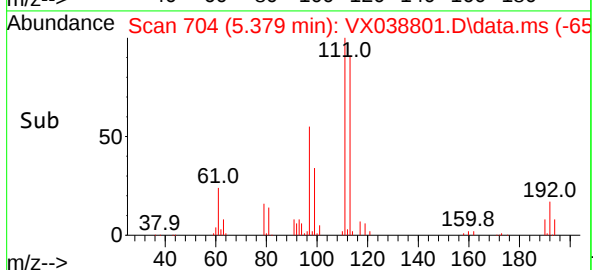
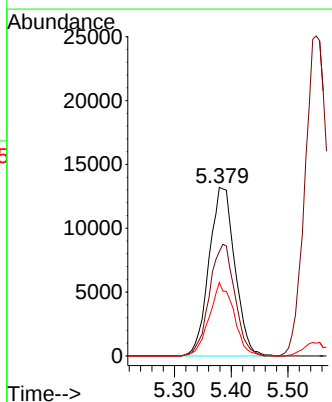
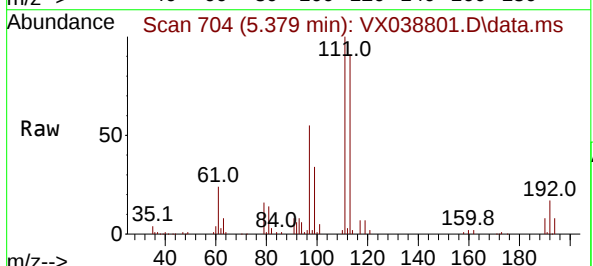
Manual Integrations
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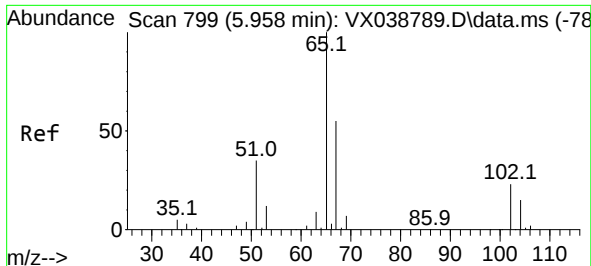
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 18.633 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion: 97 Resp: 41777
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 41.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.519 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion: 65 Resp: 81530

Ion Ratio Lower Upper

65 100

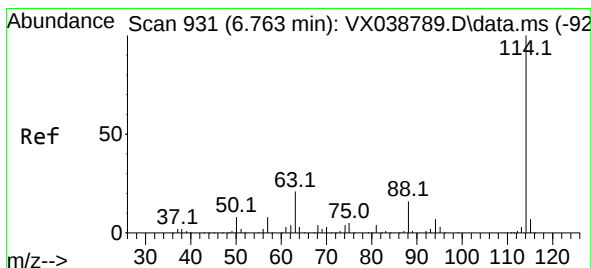
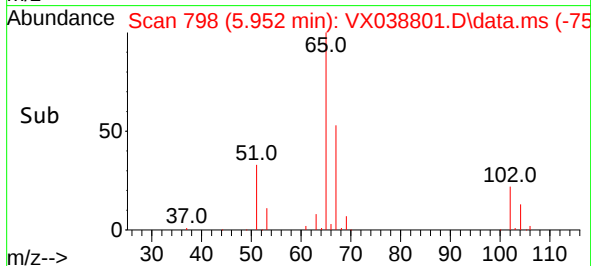
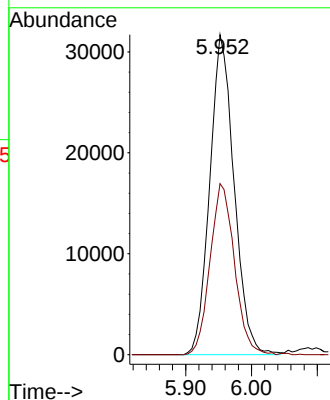
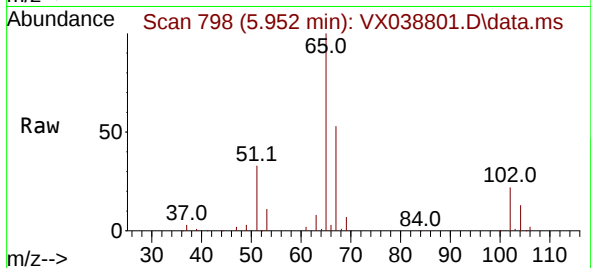
67 53.6 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

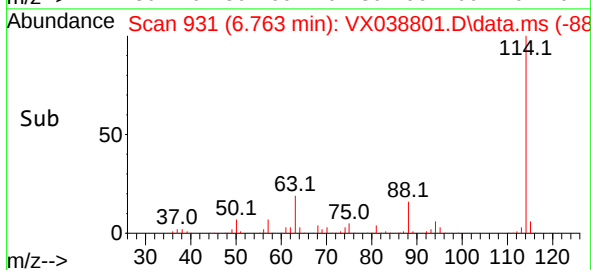
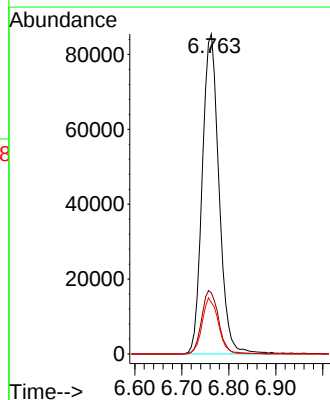
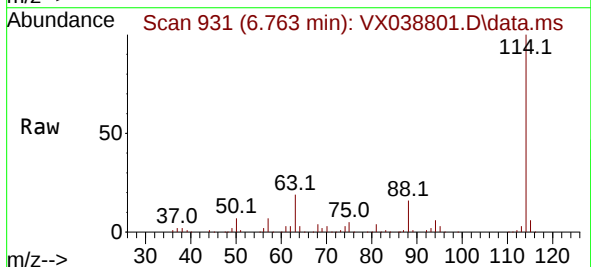
Tgt Ion:114 Resp: 211276

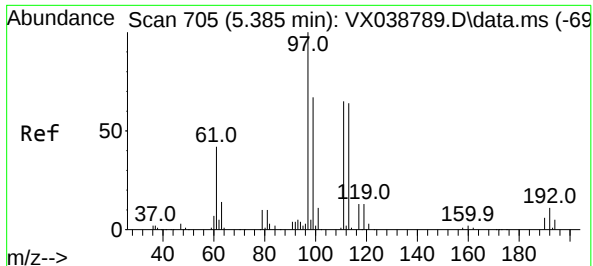
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion:113 Resp: 69979

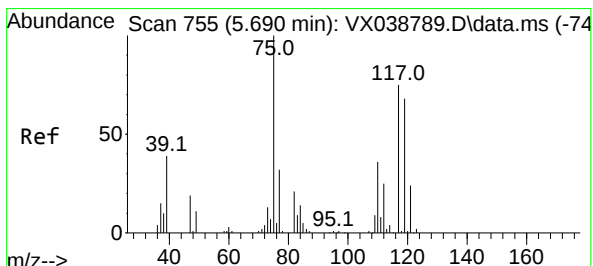
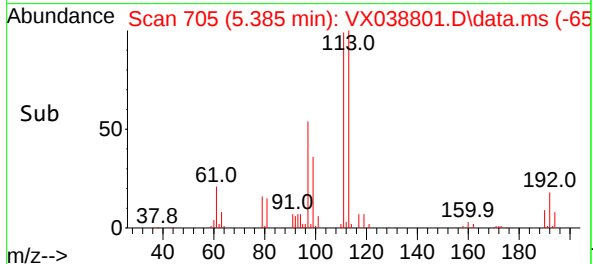
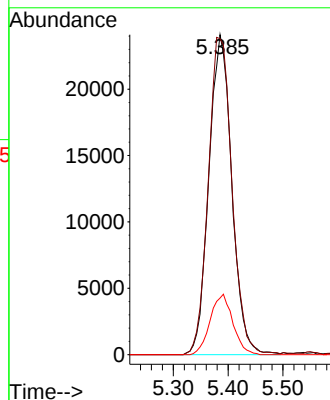
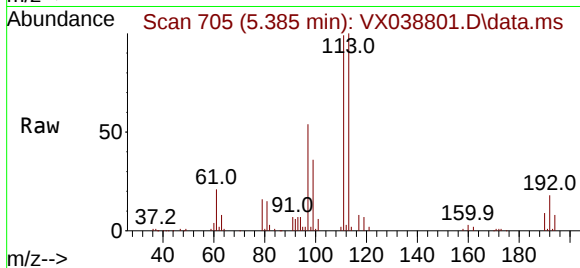
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.7	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 18.620 ug/l

RT: 5.690 min Scan# 755

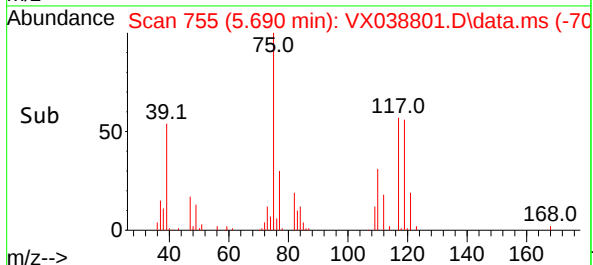
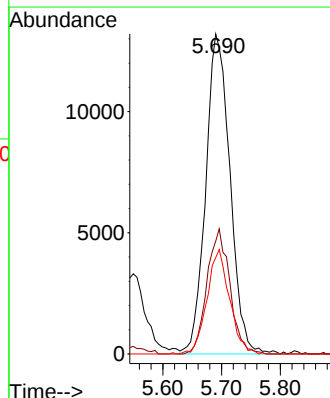
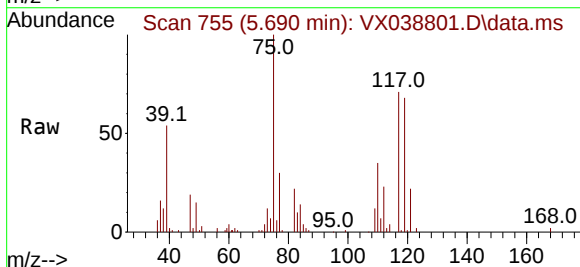
Delta R.T. 0.000 min

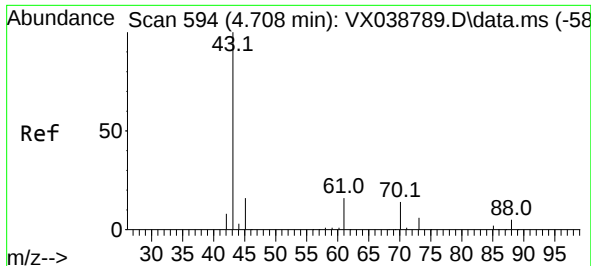
Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion: 75 Resp: 37997

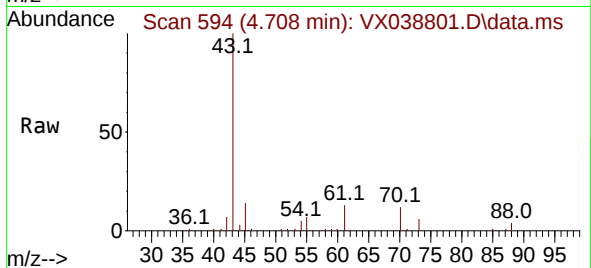
Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.0	50.9
77	30.3	24.7	37.1





#37
Ethyl Acetate
Concen: 19.501 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

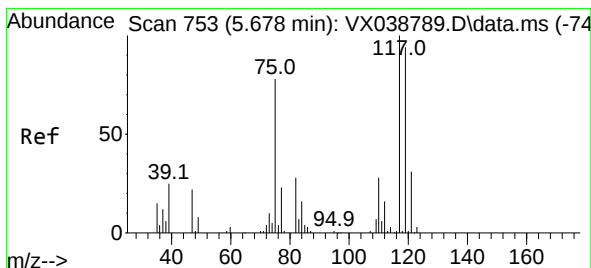
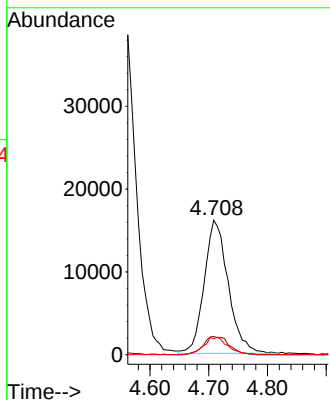
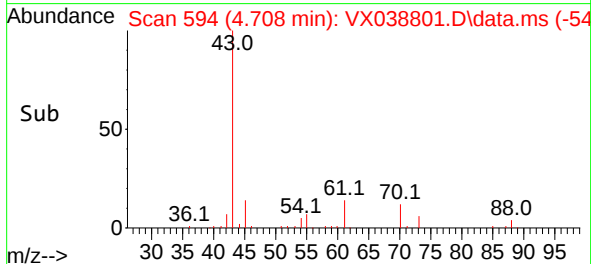
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 43 Resp: 45629
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 12.9 8.3 12.5

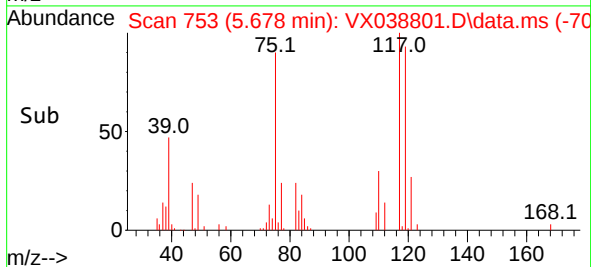
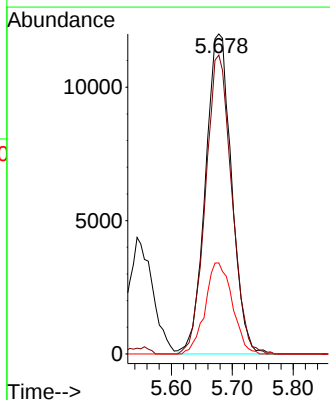
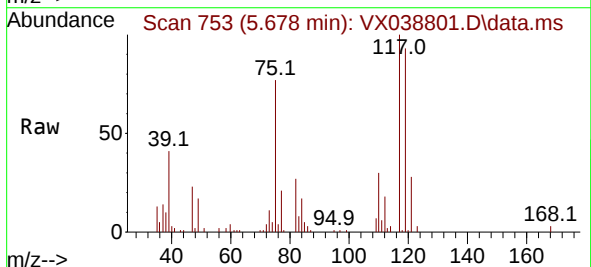
Manual Integrations
APPROVED

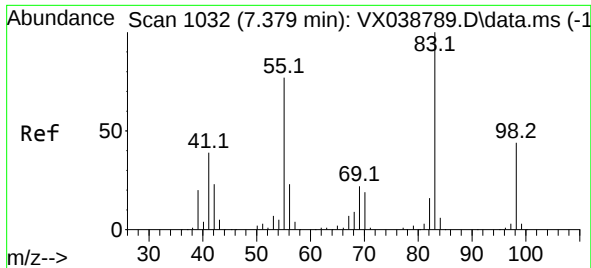
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#38
Carbon Tetrachloride
Concen: 18.960 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

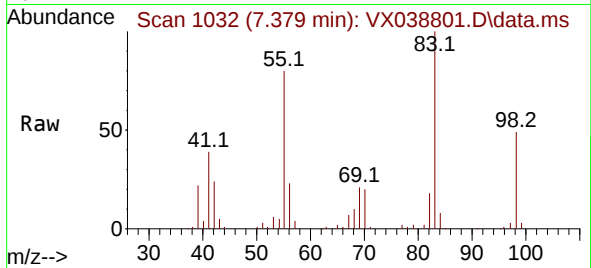
Tgt Ion:117 Resp: 35766
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.2
121 28.5 24.4 36.6





#39
Methylcyclohexane
Concen: 18.873 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

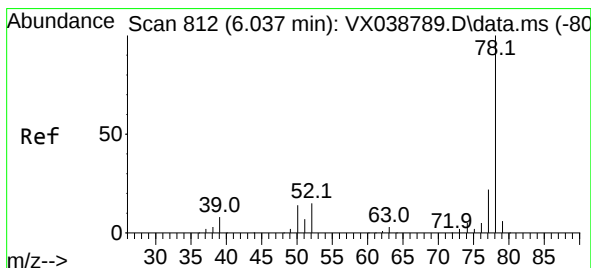
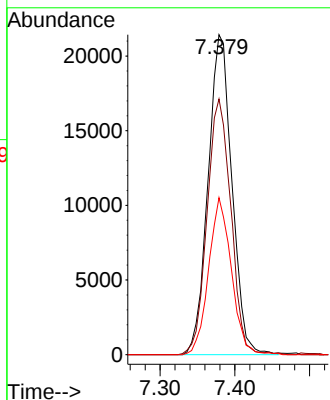
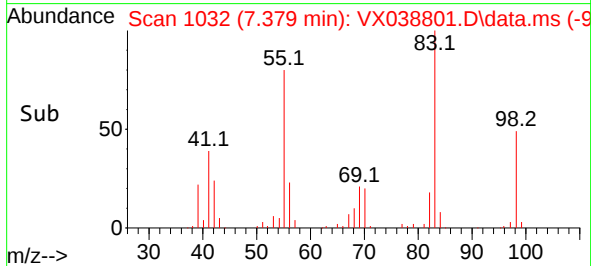
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 83 Resp: 47599
Ion Ratio Lower Upper
83 100
55 79.9 64.6 97.0
98 49.0 36.7 55.1

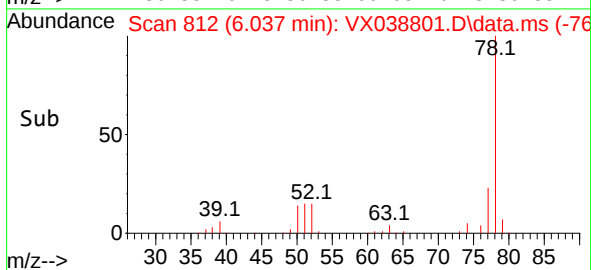
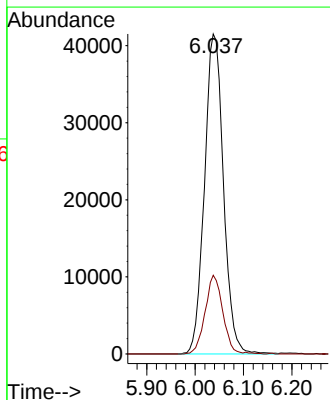
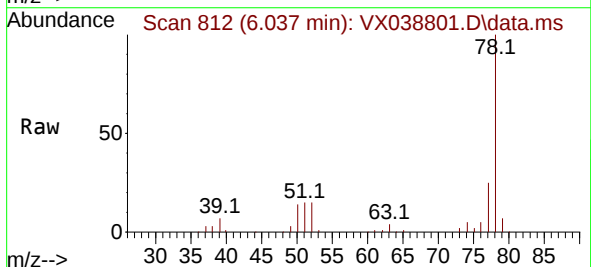
Manual Integrations
APPROVED

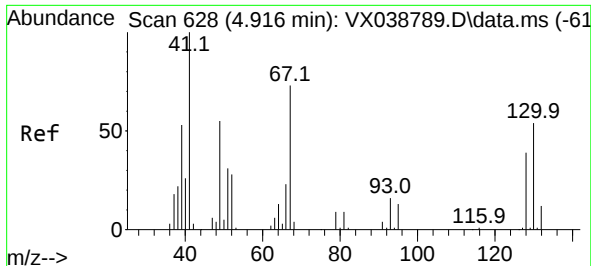
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#40
Benzene
Concen: 19.108 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

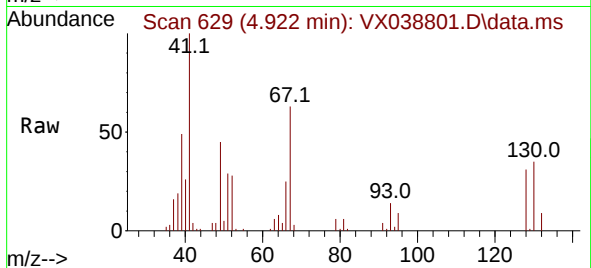
Tgt Ion: 78 Resp: 113228
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 20.196 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

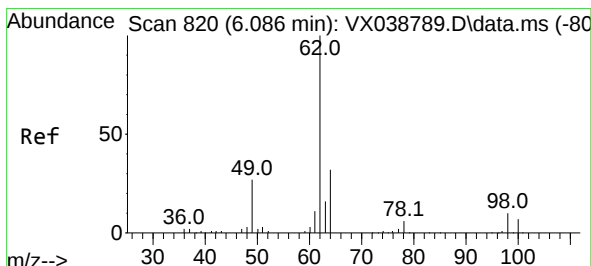
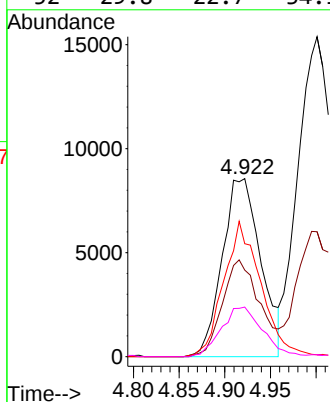
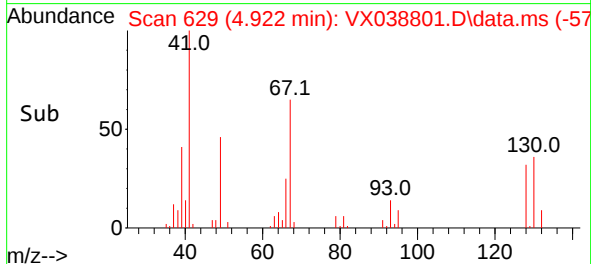
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 41	Resp: 25170
Ion Ratio	Lower Upper
41 100	
39 52.8	45.2 67.8
67 73.3	52.6 78.8
52 29.8	22.7 34.1

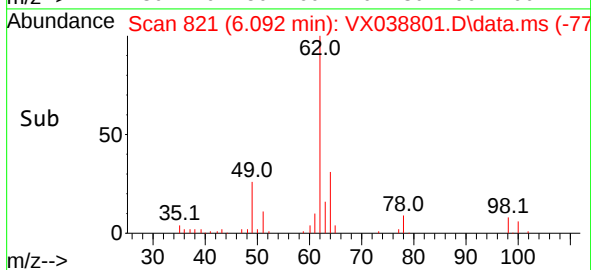
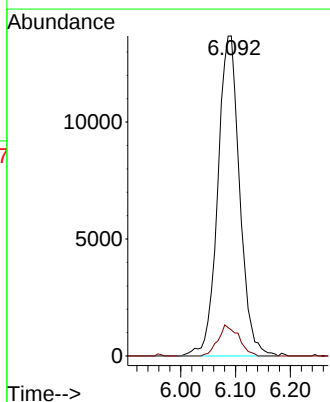
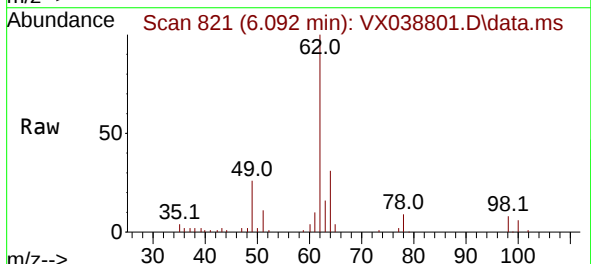
Manual Integrations
APPROVED

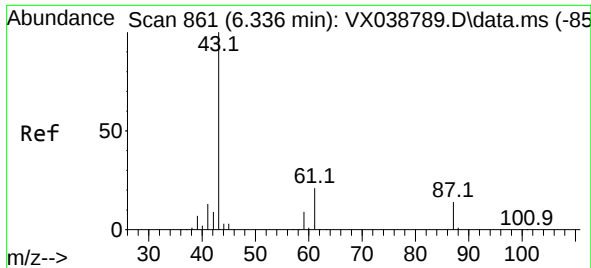
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 18.788 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

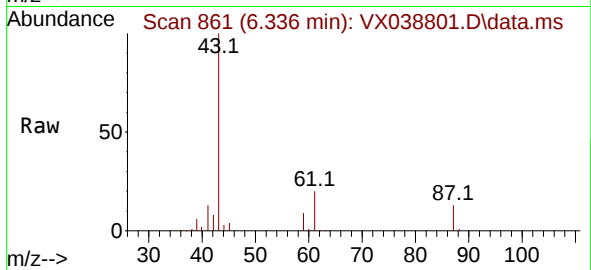
Tgt Ion: 62	Resp: 37965
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 16.0





#43
Isopropyl Acetate
Concen: 19.341 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

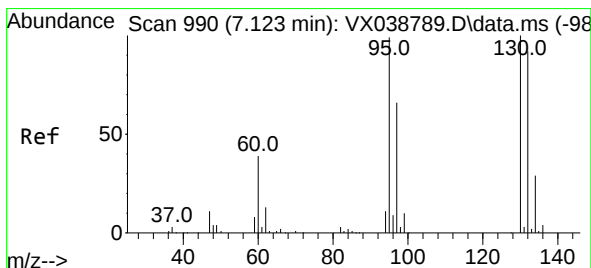
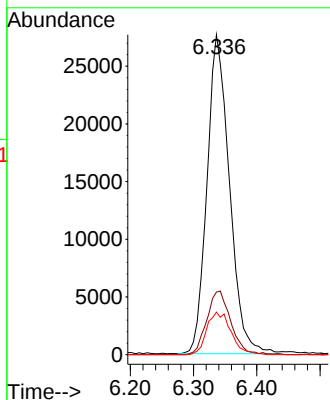
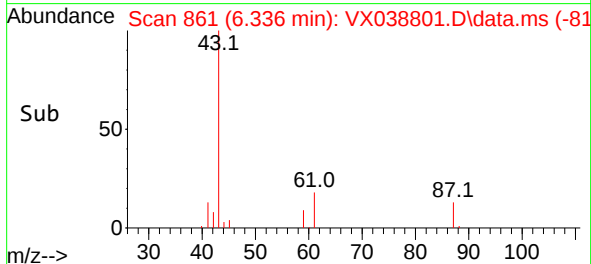
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 43 Resp: 6817
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 14.3 9.8 14.6

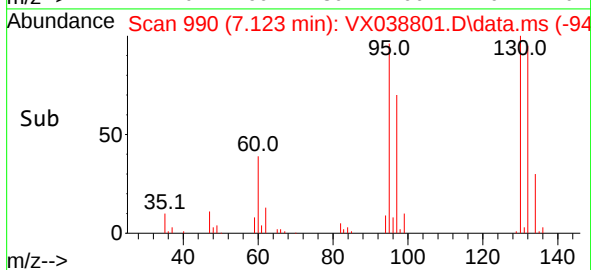
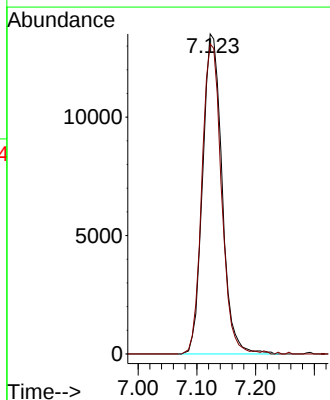
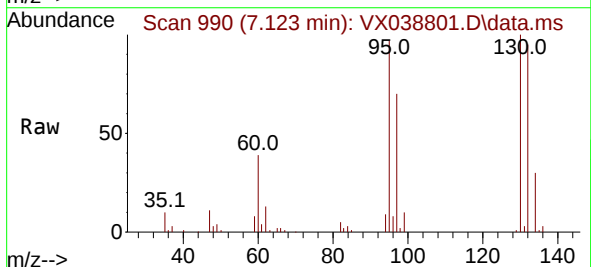
Manual Integrations
APPROVED

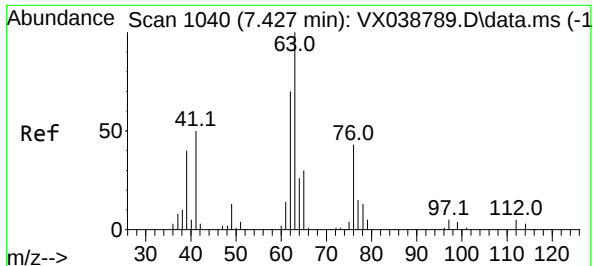
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 19.183 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion:130 Resp: 30925
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.420 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

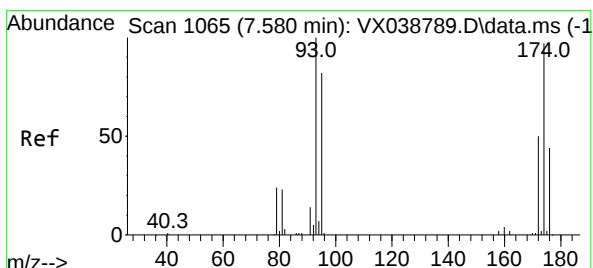
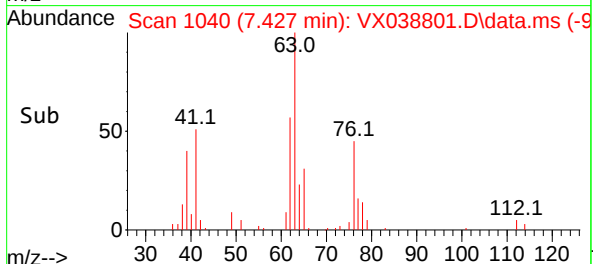
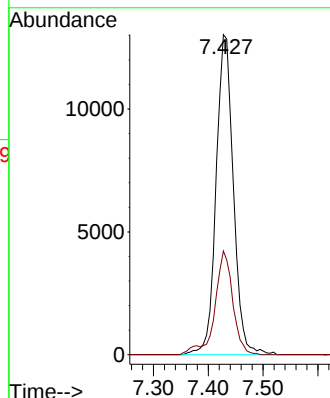
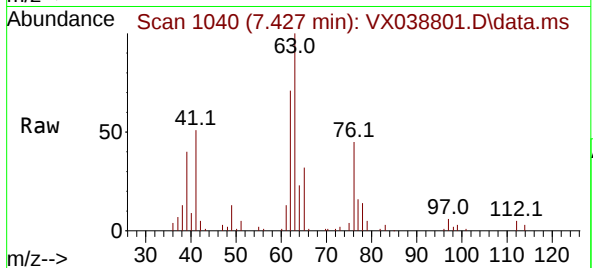
VX1114WBS01

Tgt Ion: 63 Resp: 28529
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 19.149 ug/l

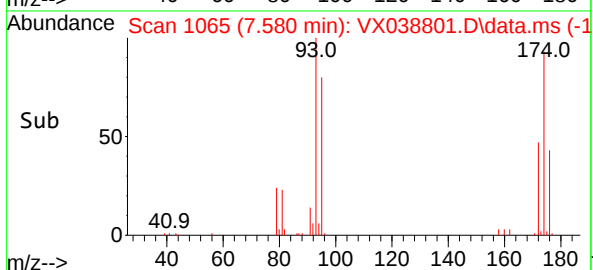
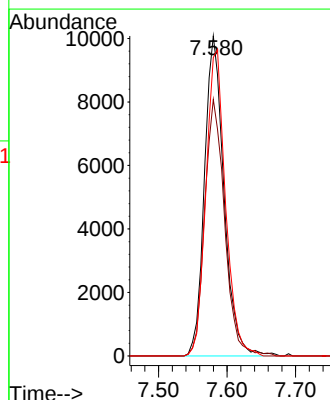
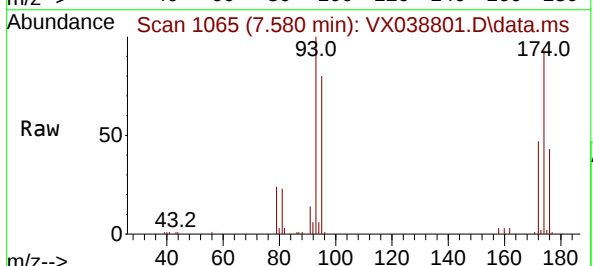
RT: 7.580 min Scan# 1065

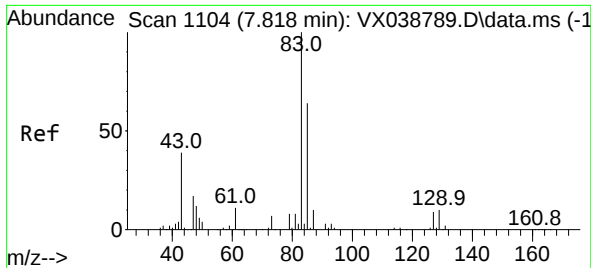
Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion: 93 Resp: 19977
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.6 100.0
 174 96.0 69.4 104.0





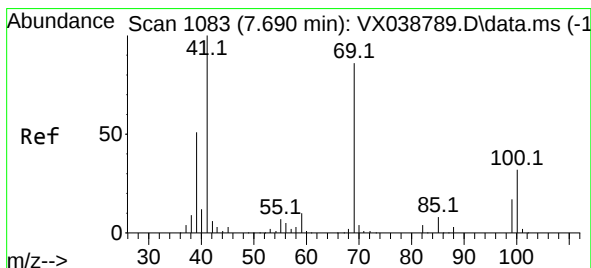
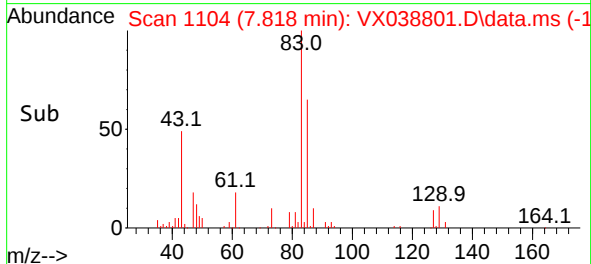
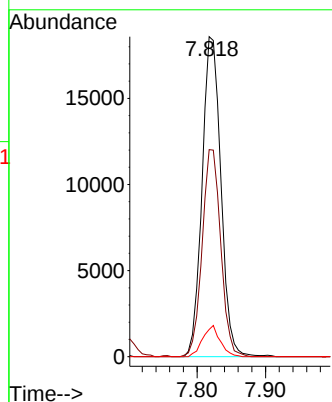
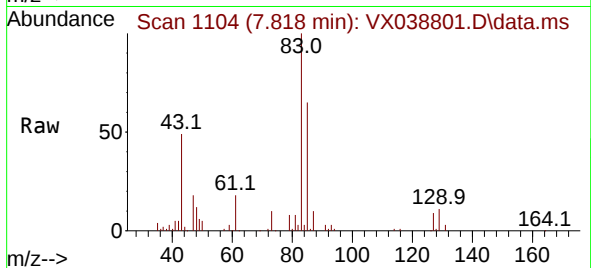
#47
Bromodichloromethane
Concen: 18.271 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion: 83 Resp: 35578
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.5 7.1 10.7

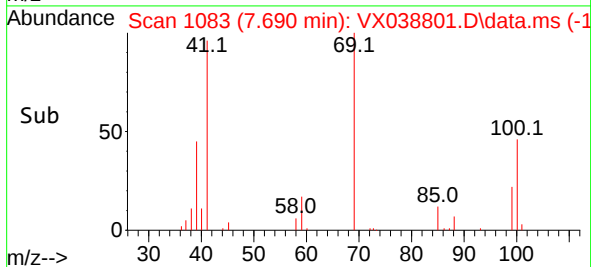
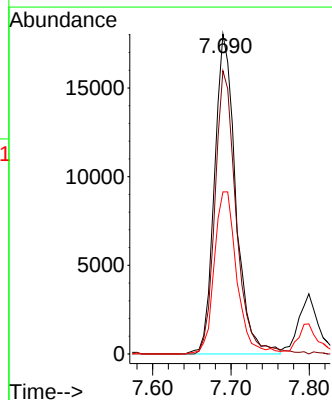
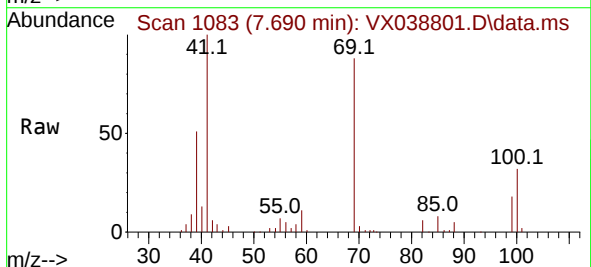
Manual Integrations
APPROVED

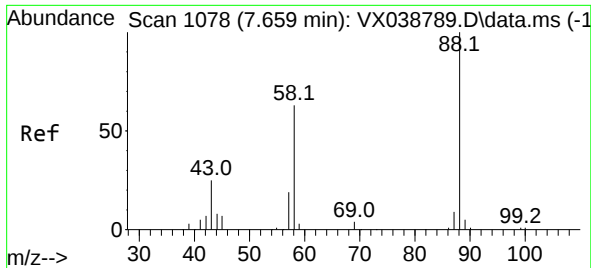
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 19.773 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion: 41 Resp: 34111
Ion Ratio Lower Upper
41 100
69 88.0 59.2 88.8
39 53.6 47.7 71.5





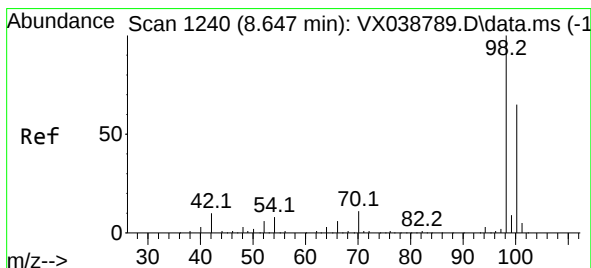
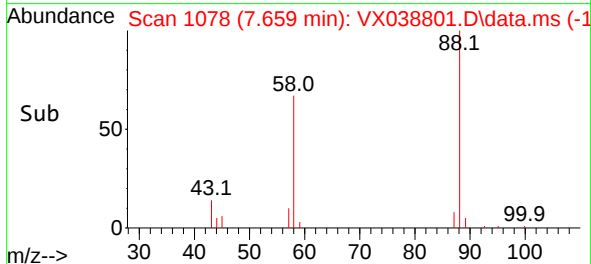
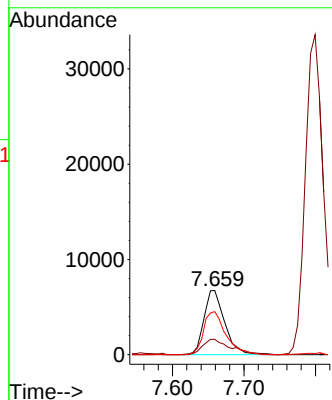
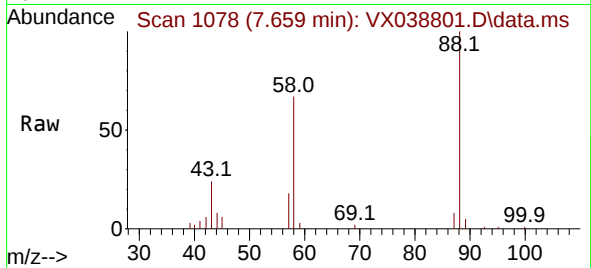
#49
1,4-Dioxane
Concen: 385.830 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion: 88 Resp: 13532
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0
58 71.6 60.1 90.1

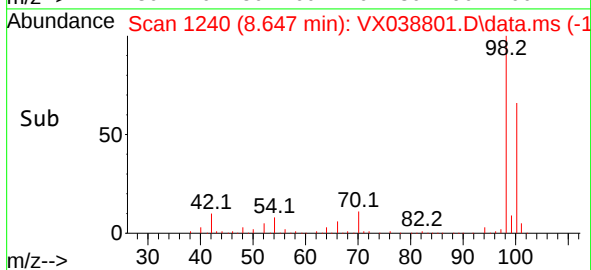
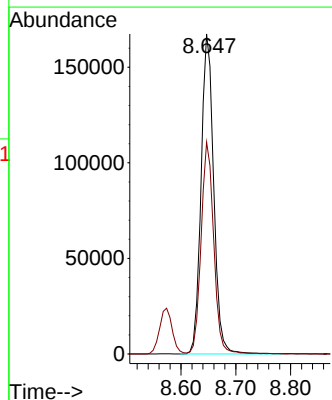
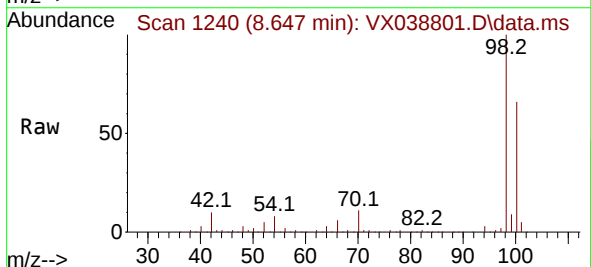
Manual Integrations
APPROVED

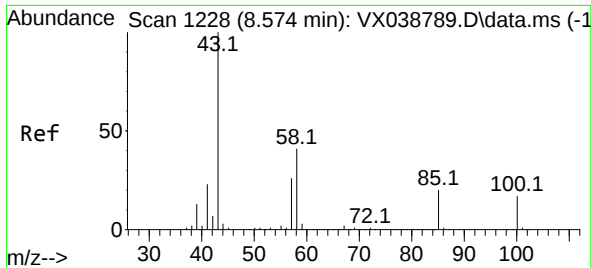
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#50
Toluene-d8
Concen: 49.776 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

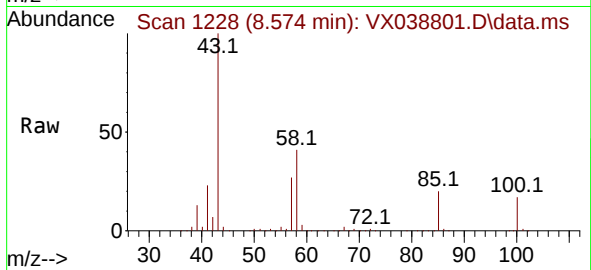
Tgt Ion: 98 Resp: 267614
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 100.257 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

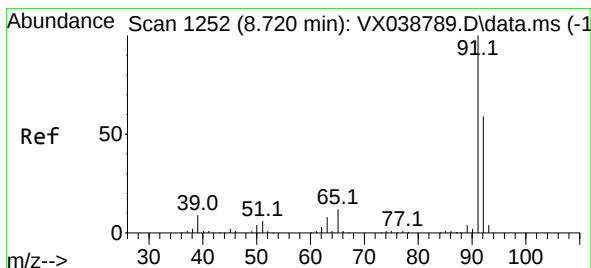
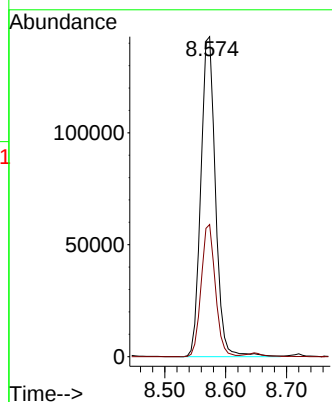
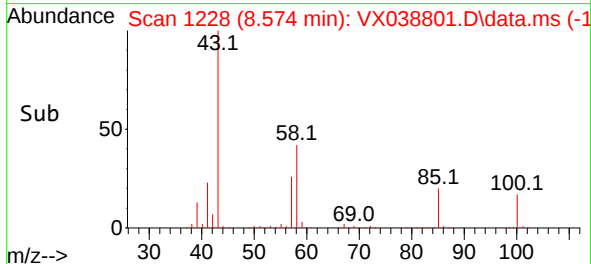
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 43 Resp: 238794
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

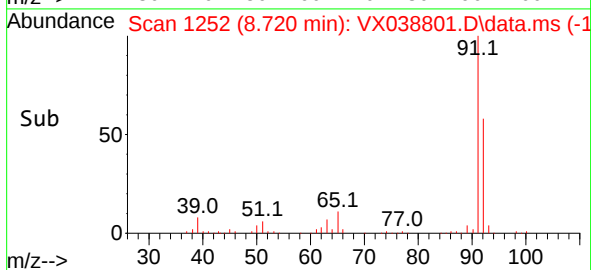
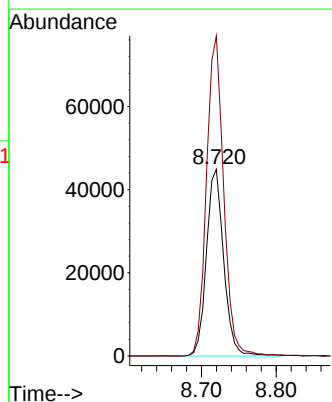
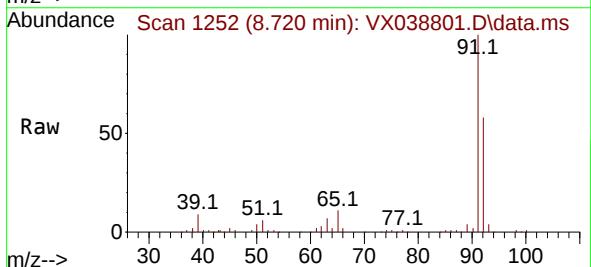
Manual Integrations
APPROVED

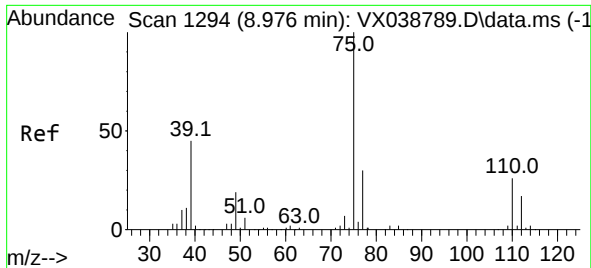
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 19.617 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion: 92 Resp: 71814
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.385 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion: 75 Resp: 3952

Ion Ratio Lower Upper

75 100

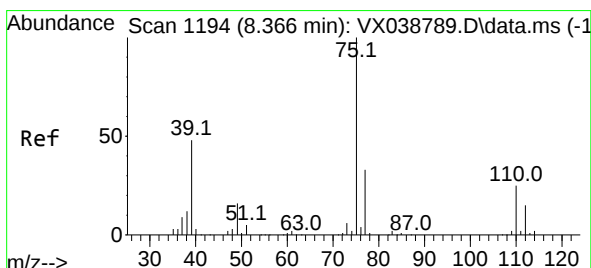
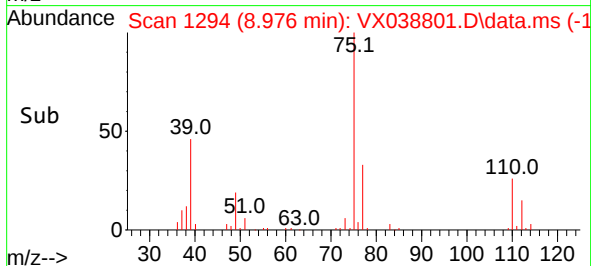
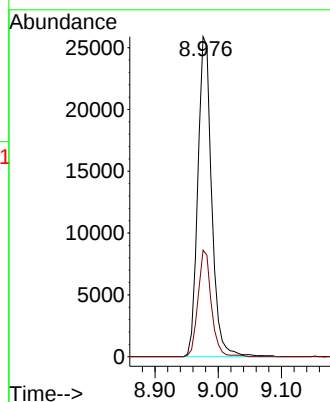
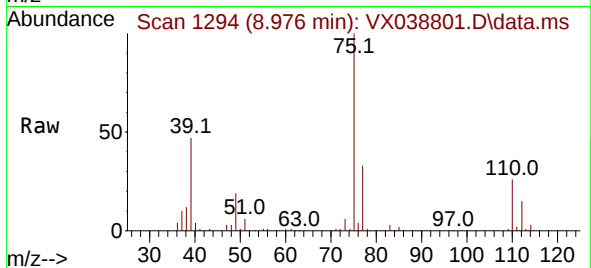
77 33.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#54

cis-1,3-Dichloropropene

Concen: 19.679 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

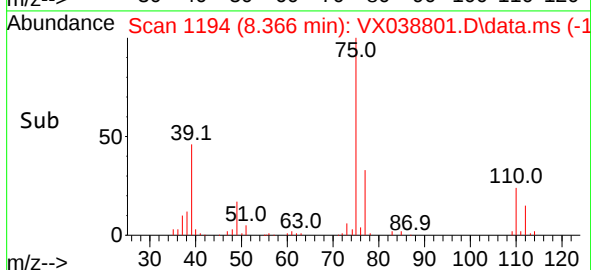
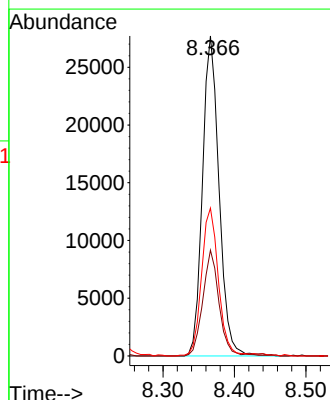
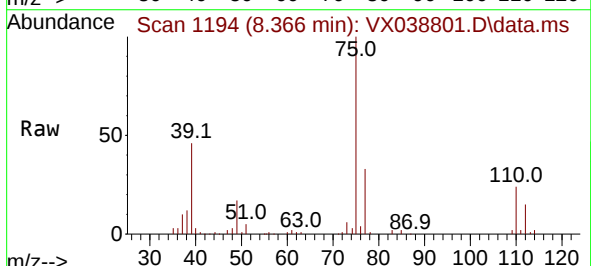
Tgt Ion: 75 Resp: 44655

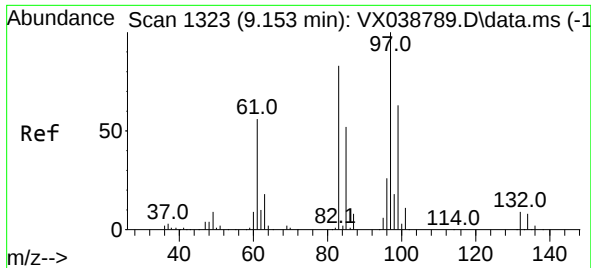
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

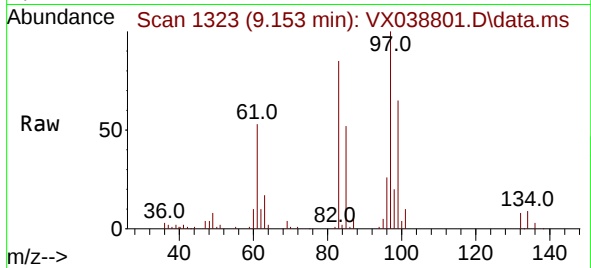
39 46.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.232 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

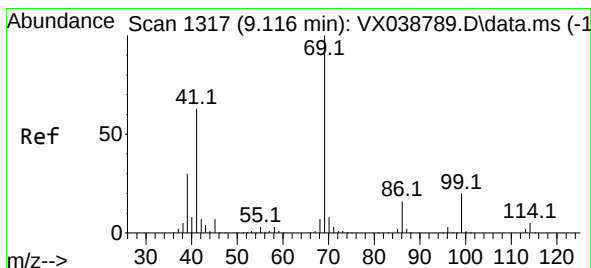
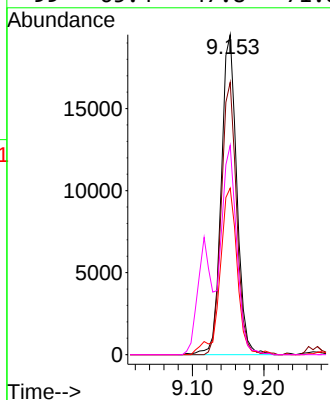
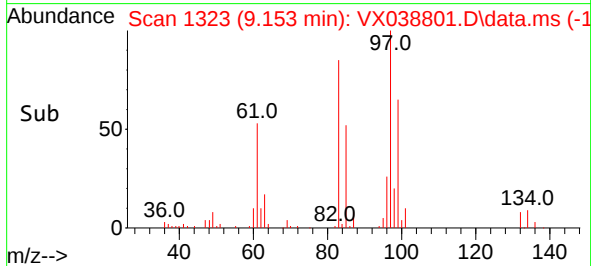
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



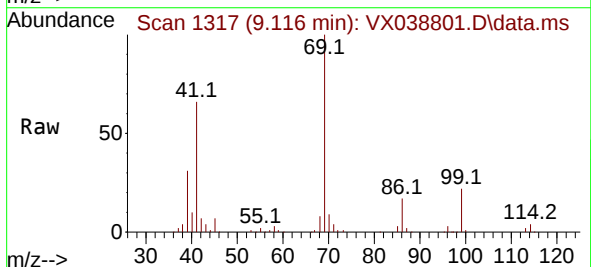
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.8	98.8
85	52.1	41.6	62.4
99	65.4	47.8	71.8

Manual Integrations
APPROVED

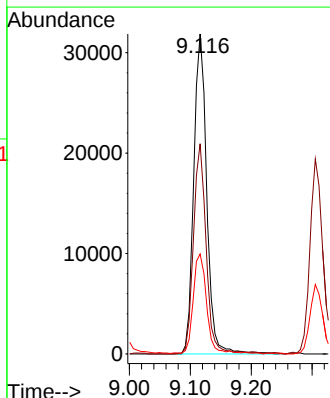
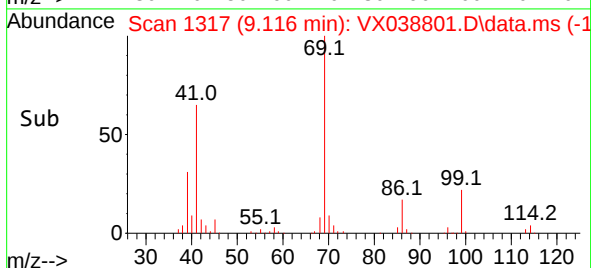
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

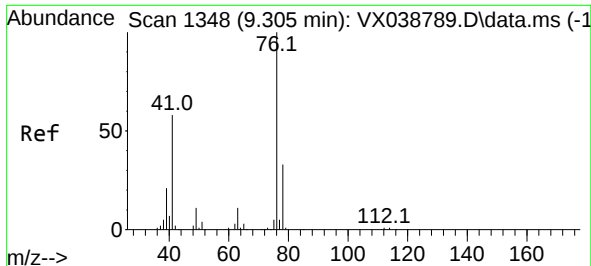


#56
Ethyl methacrylate
Concen: 19.784 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	56.8	85.2
39	32.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.320 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion: 76 Resp: 4830

Ion Ratio Lower Upper

76 100

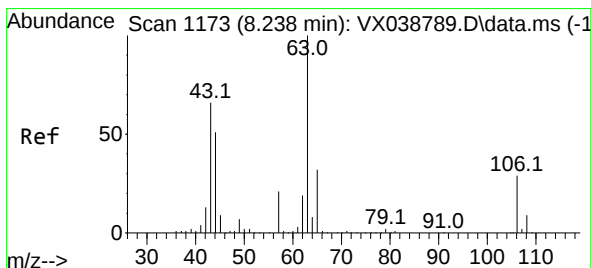
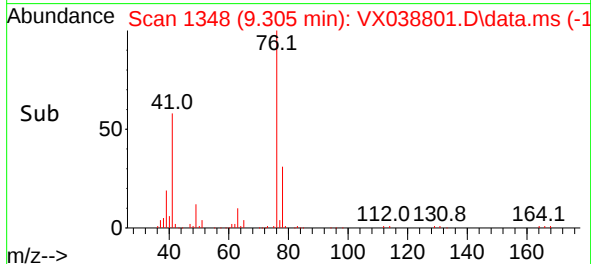
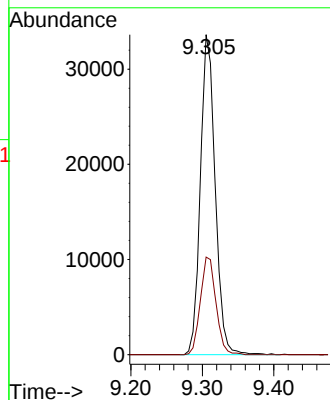
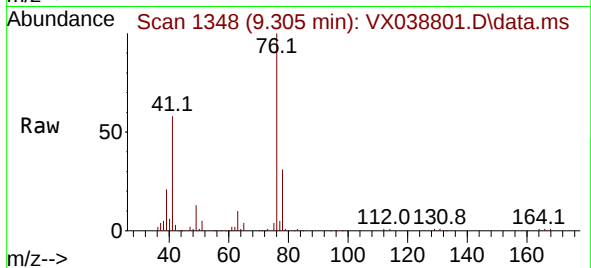
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.671 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038801.D

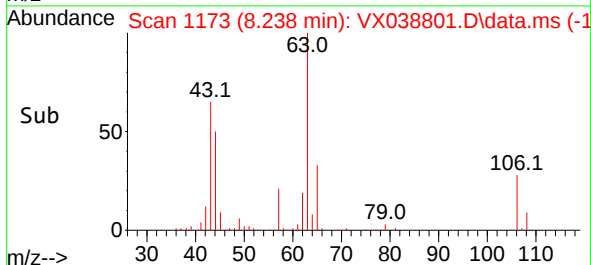
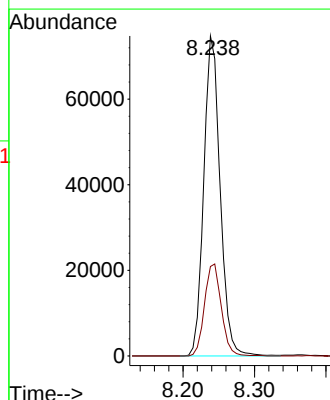
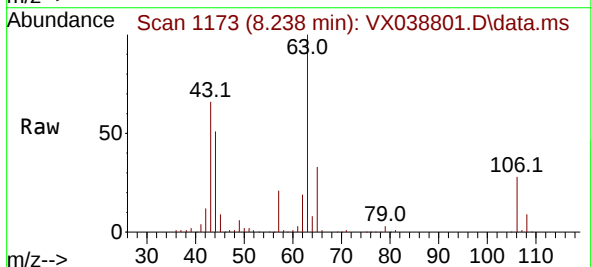
Acq: 14 Nov 2023 13:17

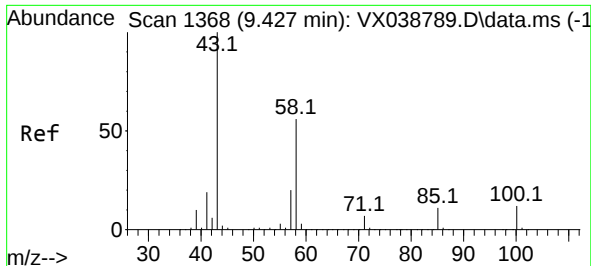
Tgt Ion: 63 Resp: 118922

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7





#59

2-Hexanone

Concen: 100.347 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion: 43 Resp: 19260

Ion Ratio Lower Upper

43 100

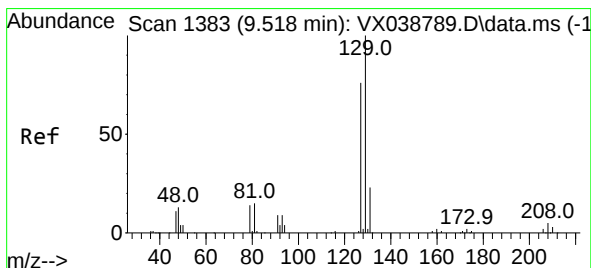
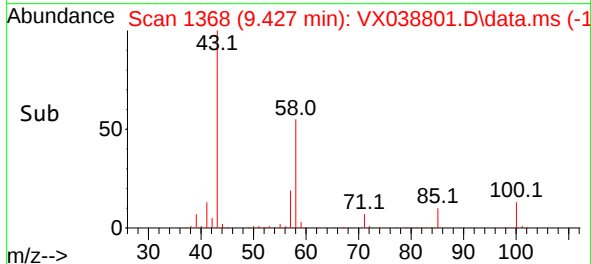
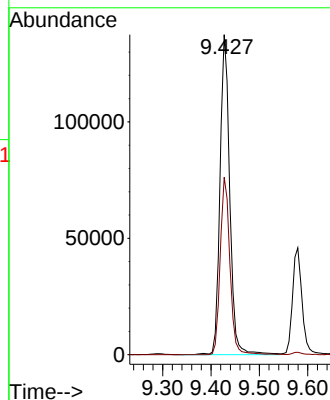
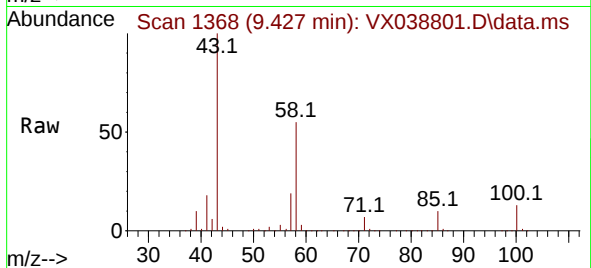
58 55.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#60

Dibromochloromethane

Concen: 18.851 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038801.D

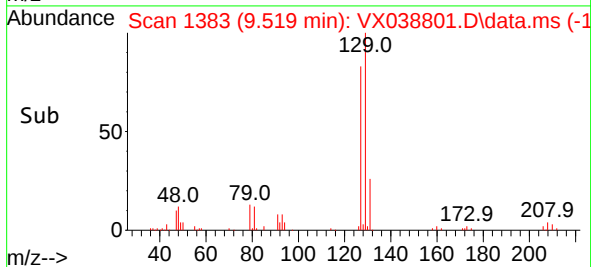
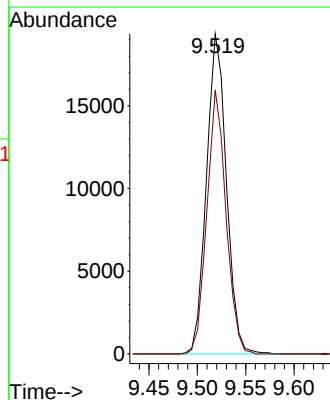
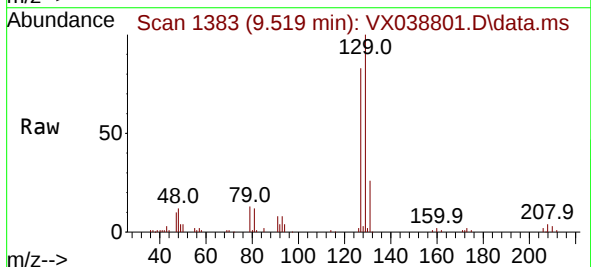
Acq: 14 Nov 2023 13:17

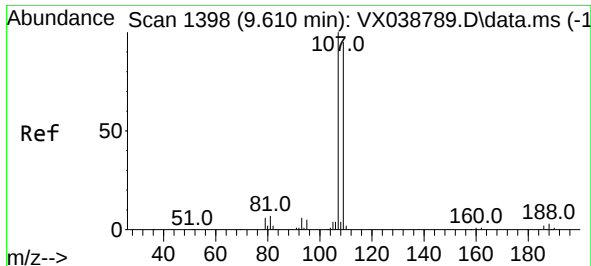
Tgt Ion:129 Resp: 27786

Ion Ratio Lower Upper

129 100

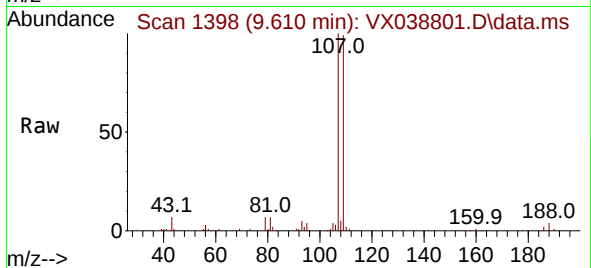
127 79.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.165 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

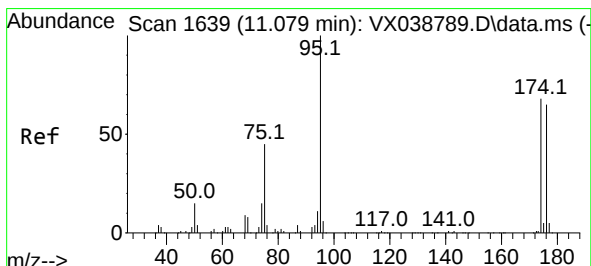
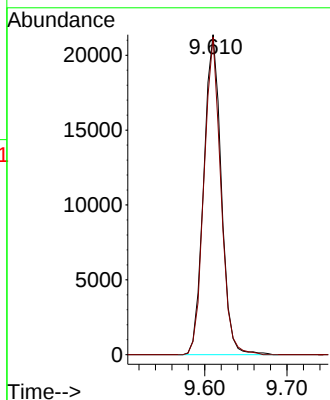
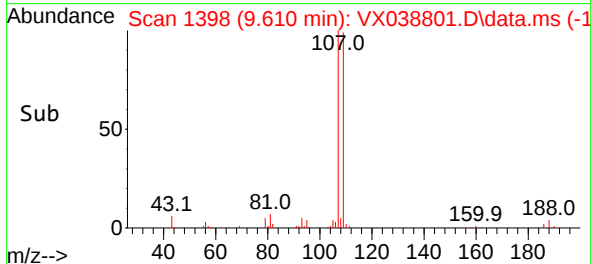
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



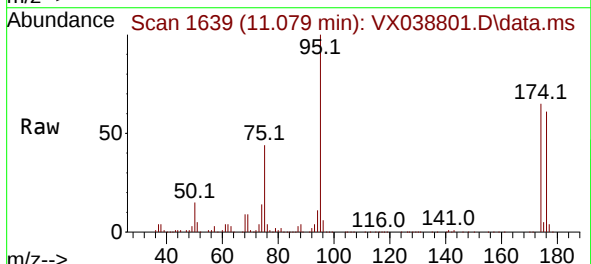
Tgt Ion:107 Resp: 3162
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
APPROVED

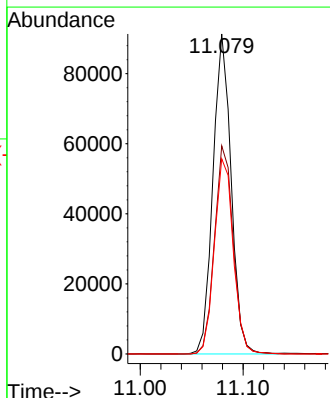
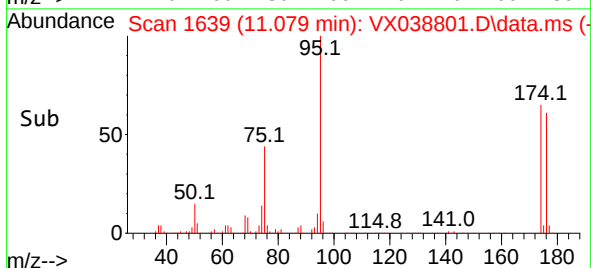
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

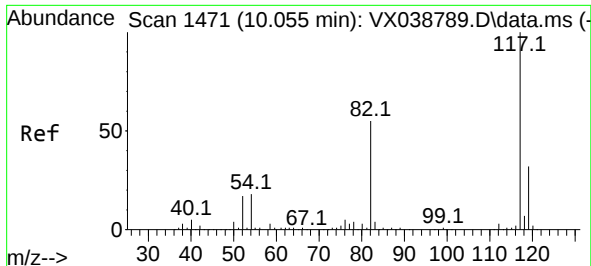


#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



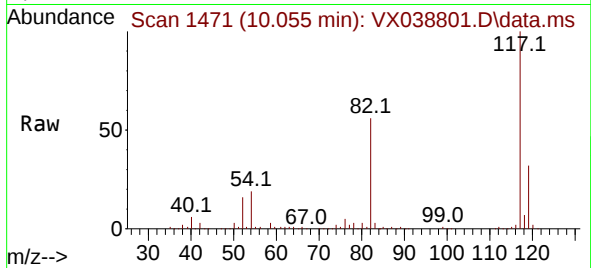
Tgt Ion: 95 Resp: 111956
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 63.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

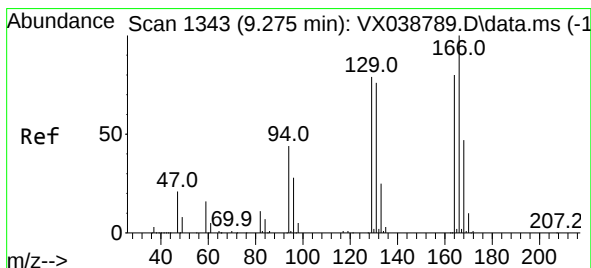
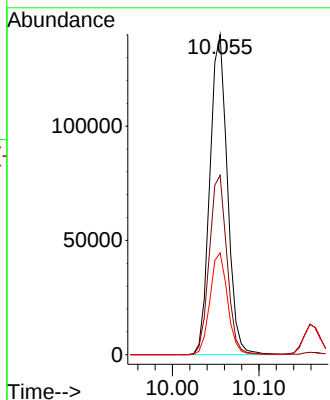
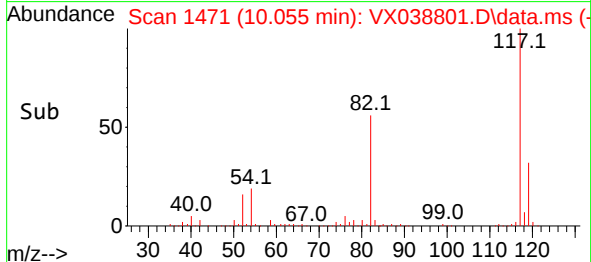
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion:117 Resp: 196860
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.8 25.5 38.3

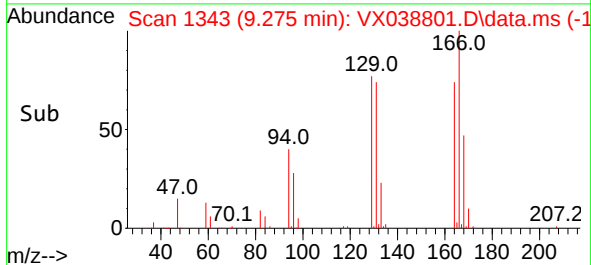
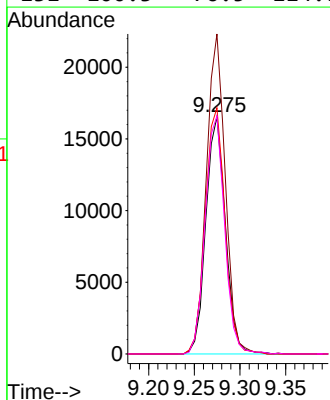
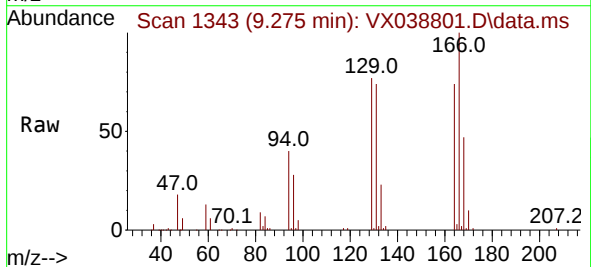
Manual Integrations
APPROVED

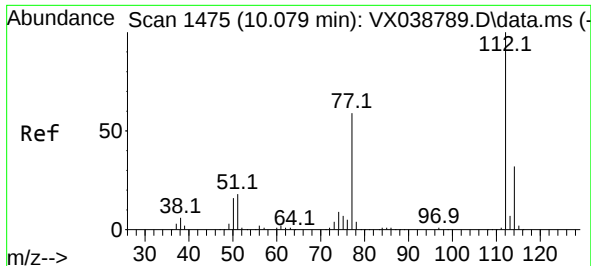
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 19.528 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion:164 Resp: 24555
Ion Ratio Lower Upper
164 100
166 134.9 102.7 154.1
129 103.8 80.4 120.6
131 100.3 76.5 114.7





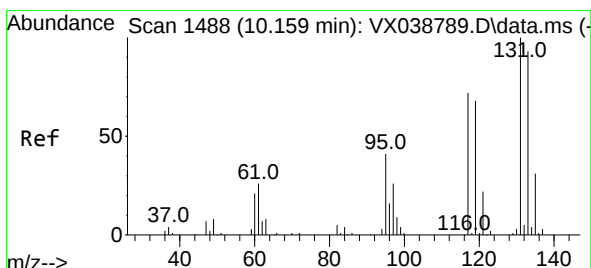
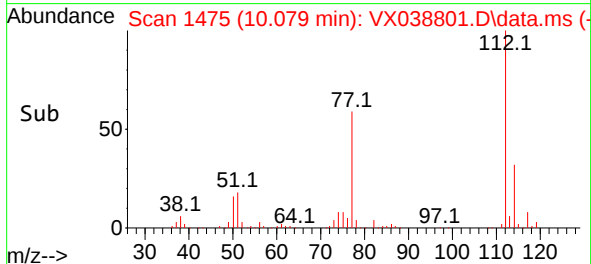
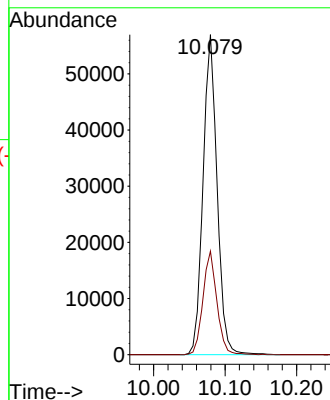
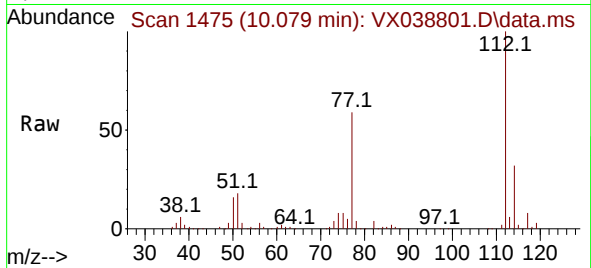
#65
Chlorobenzene
Concen: 19.318 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion:112 Resp: 7775
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

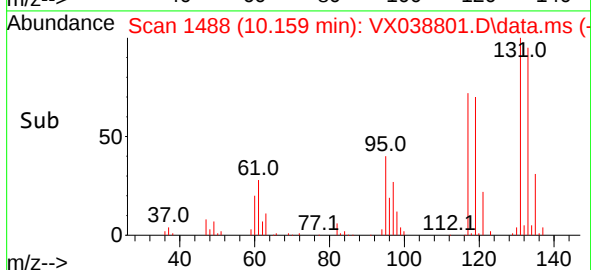
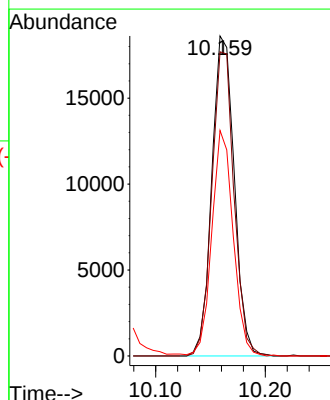
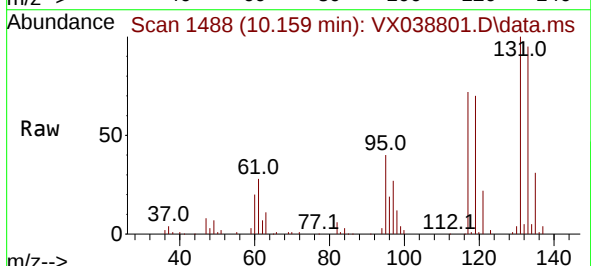
Manual Integrations
APPROVED

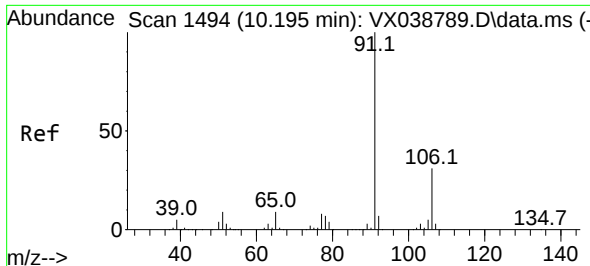
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.213 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

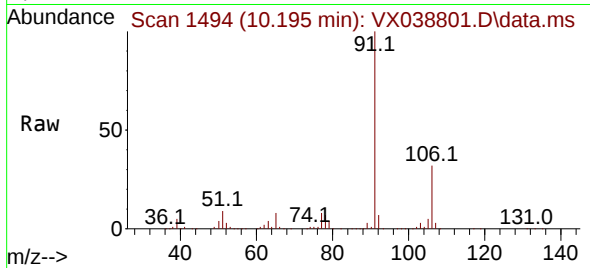
Tgt Ion:131 Resp: 26441
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 67.1 32.2 96.6





#67
Ethyl Benzene
Concen: 19.382 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

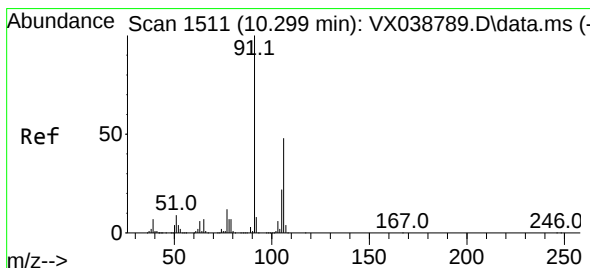
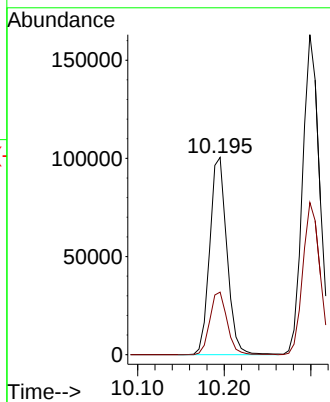
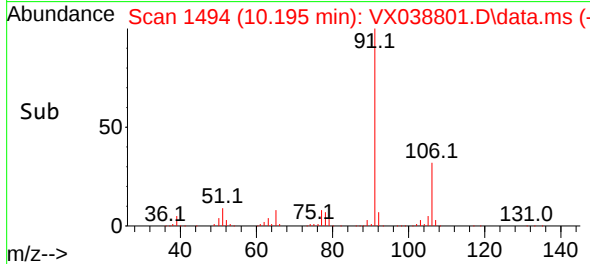
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



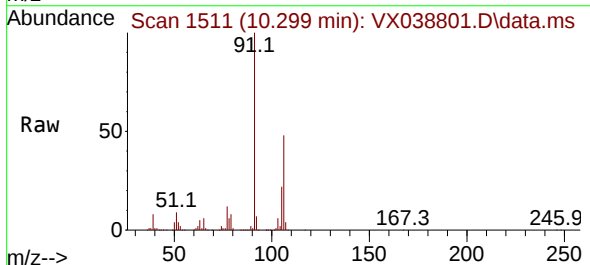
Tgt Ion: 91 Resp: 138690
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

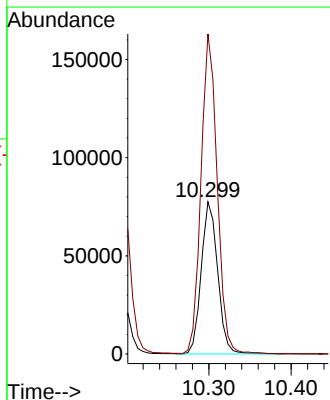
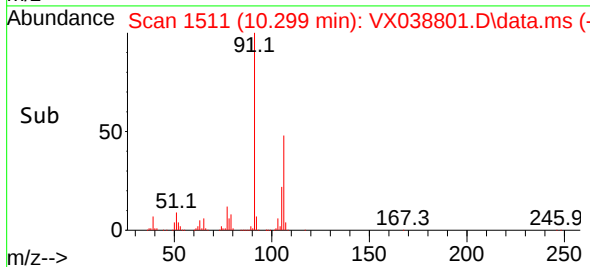
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

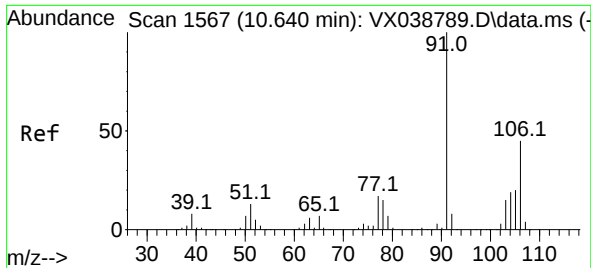


#68
m/p-Xylenes
Concen: 39.549 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



Tgt Ion:106 Resp: 107923
Ion Ratio Lower Upper
106 100
91 207.1 165.5 248.3





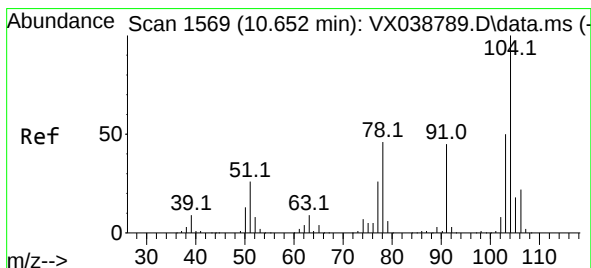
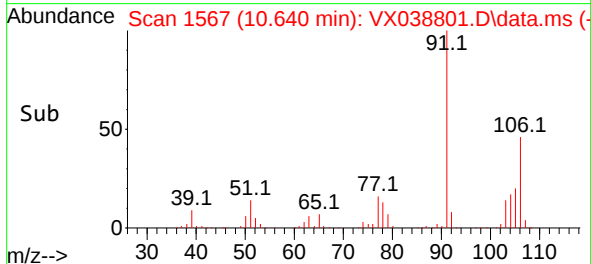
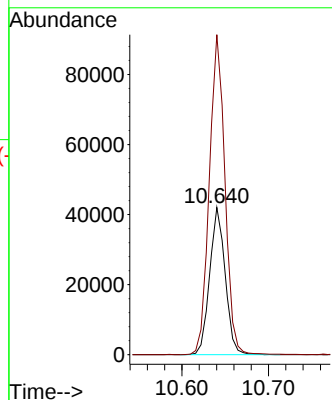
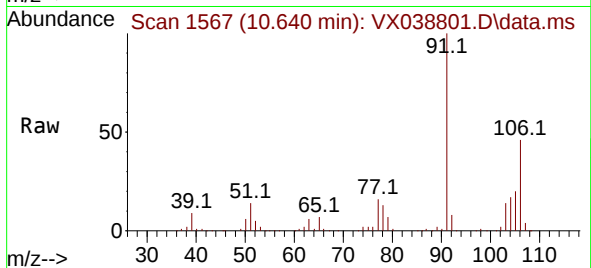
#69
o-Xylene
Concen: 19.741 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01

Tgt Ion:106 Resp: 52270
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.8

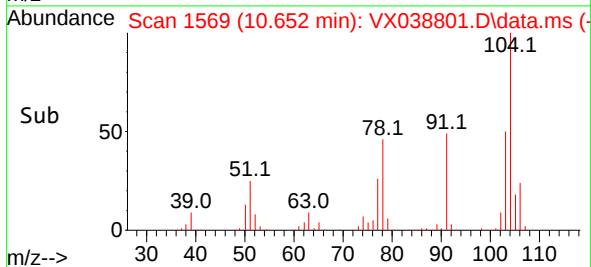
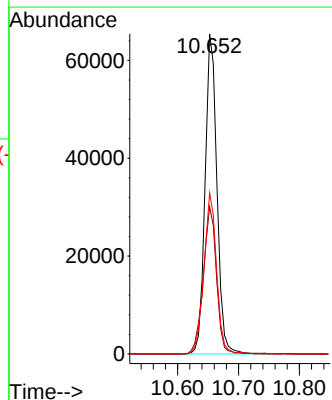
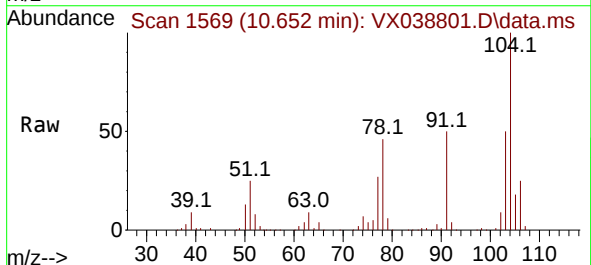
Manual Integrations
APPROVED

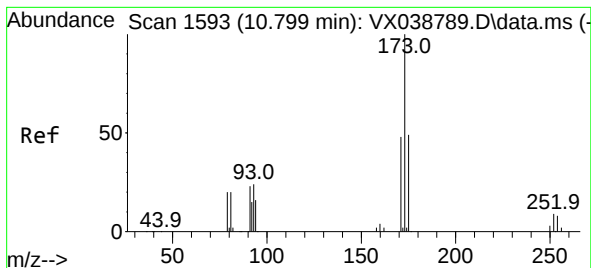
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 20.008 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

Tgt Ion:104 Resp: 88639
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 17.638 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

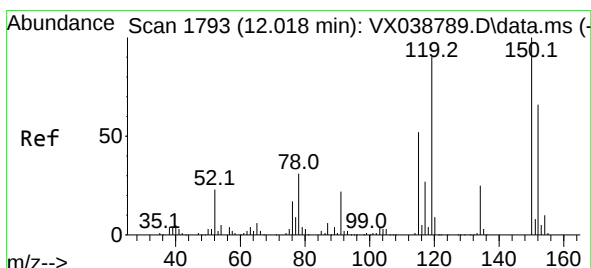
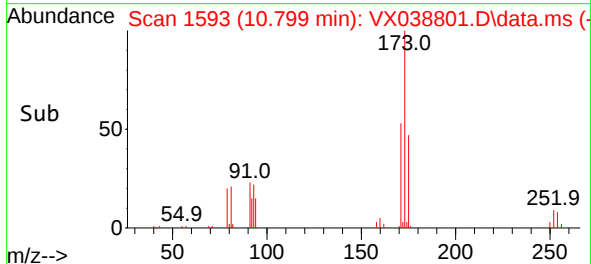
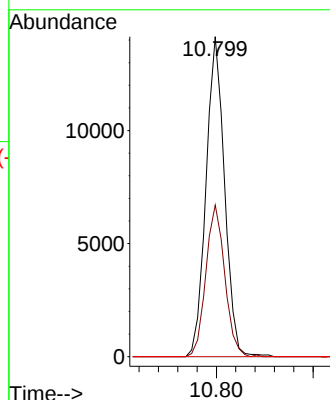
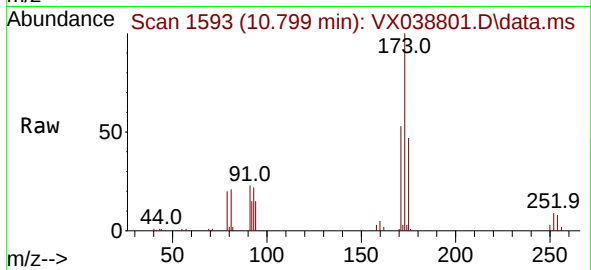
Tgt Ion:173 Resp: 1881
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

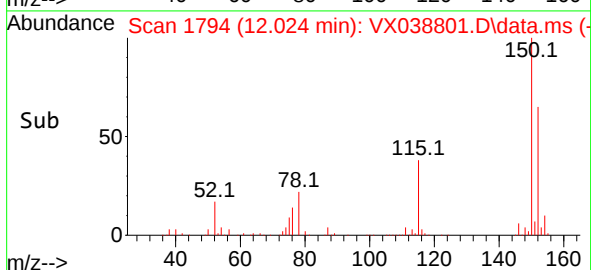
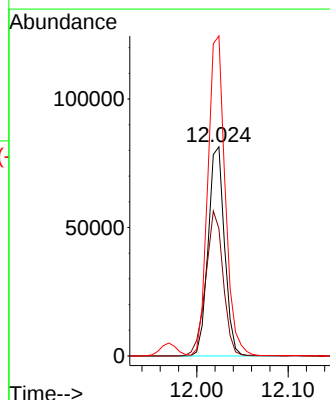
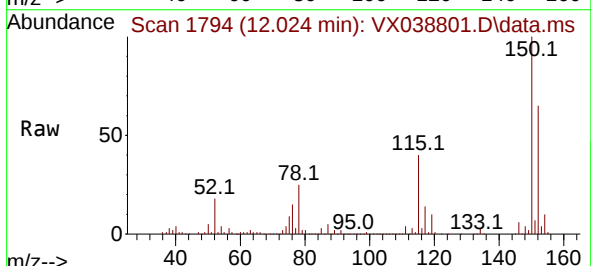
RT: 12.024 min Scan# 1794

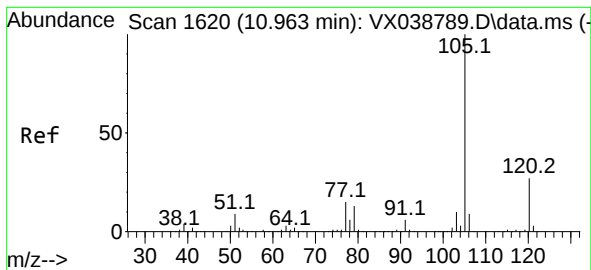
Delta R.T. 0.006 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion:152 Resp: 100910
 Ion Ratio Lower Upper
 152 100
 115 73.9 43.3 129.9
 150 162.2 0.0 345.0





#73

Isopropylbenzene

Concen: 19.507 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion:105 Resp: 136894

Ion Ratio Lower Upper

105 100

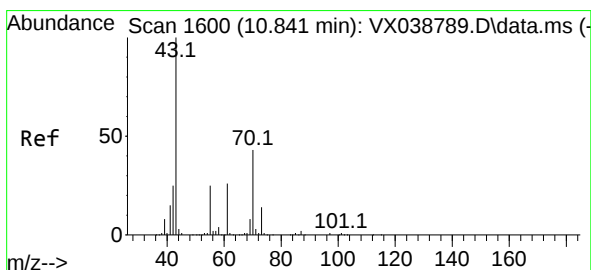
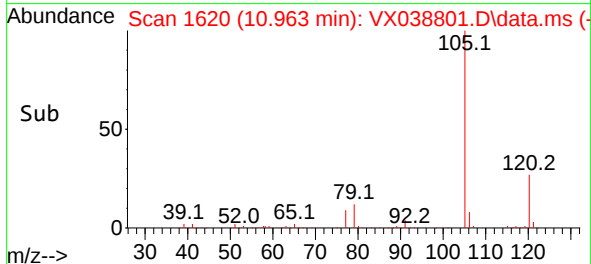
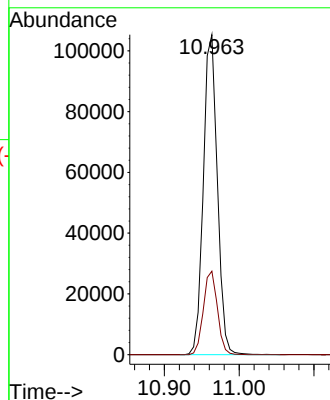
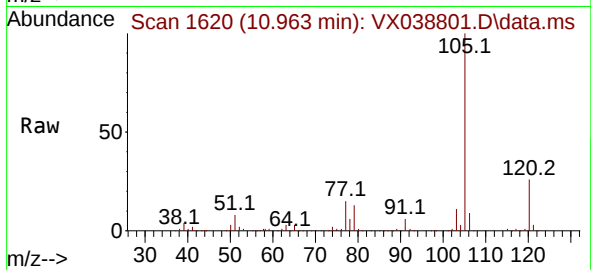
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#74

N-ethyl acetate

Concen: 20.284 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion: 43 Resp: 59113

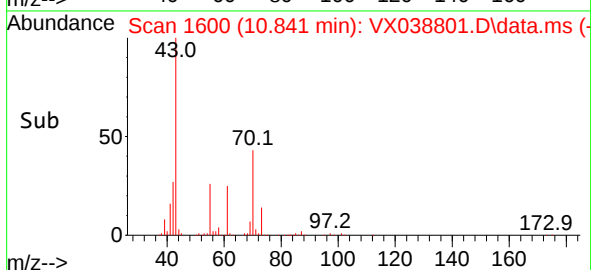
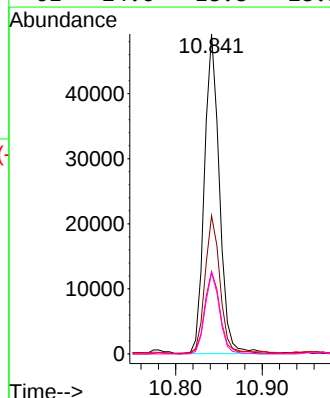
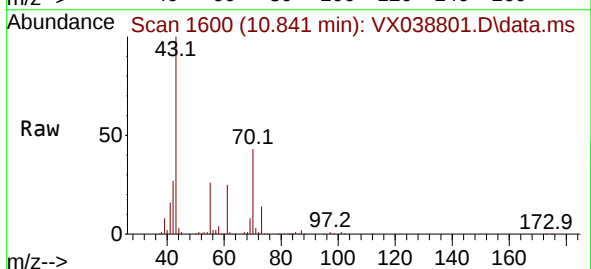
Ion Ratio Lower Upper

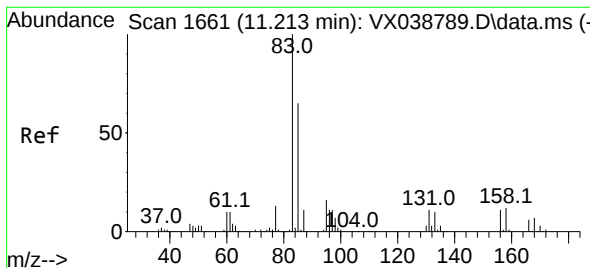
43 100

70 43.8 32.9 49.3

55 26.9 19.3 28.9

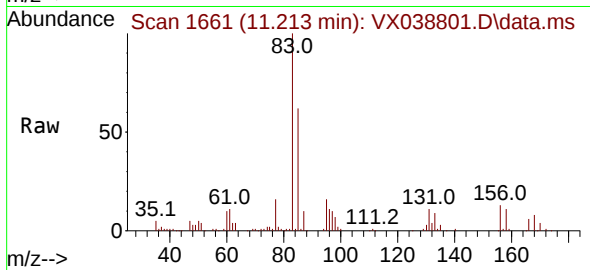
61 24.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.550 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

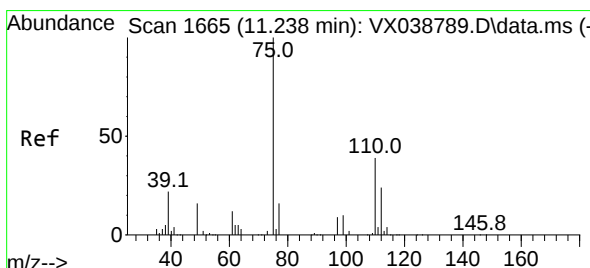
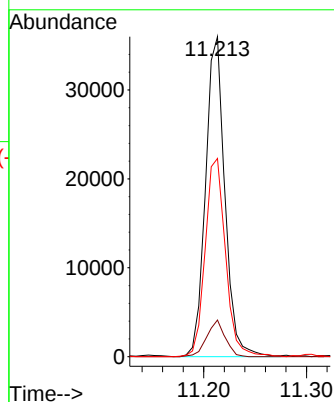
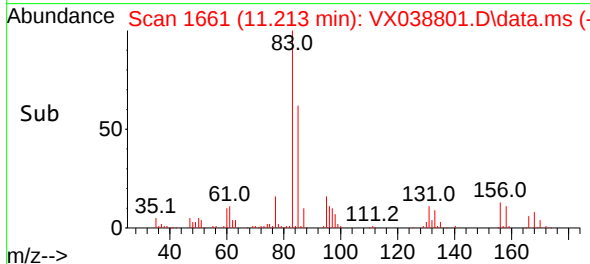
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



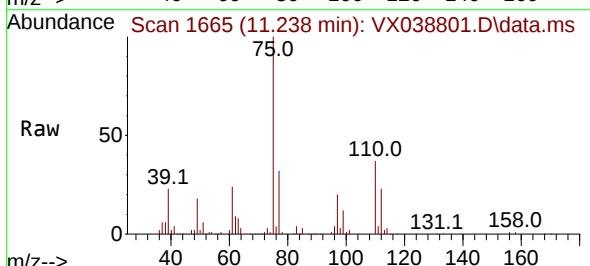
Tgt Ion: 83 Resp: 47108
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.8
85 65.3 32.0 96.2

Manual Integrations
APPROVED

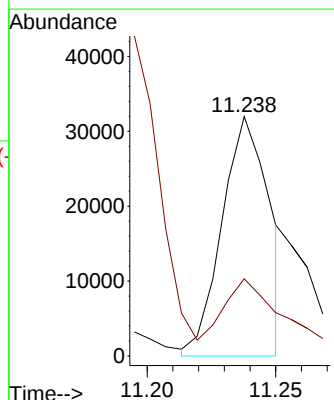
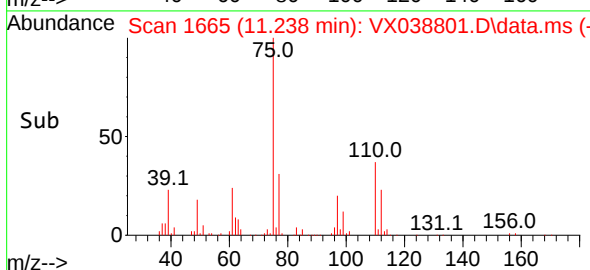
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

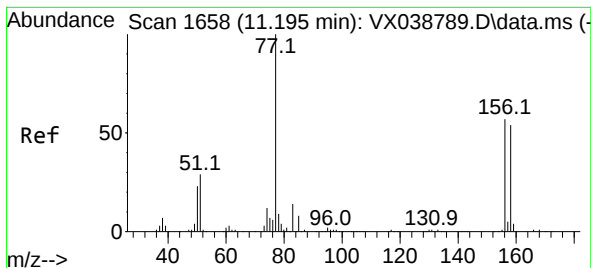


#76
1,2,3-Trichloropropane
Concen: 18.978 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



Tgt Ion: 75 Resp: 40890
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 19.534 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

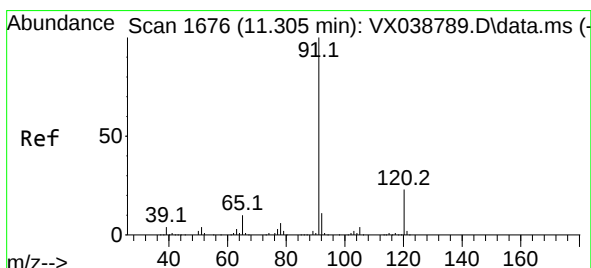
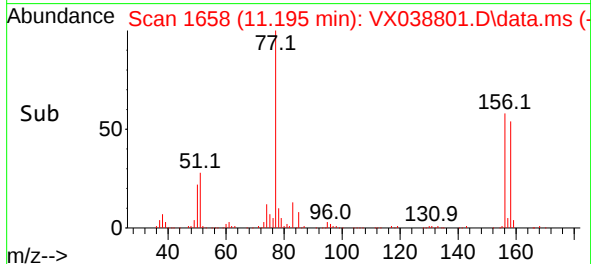
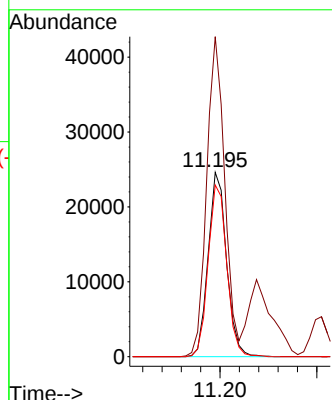
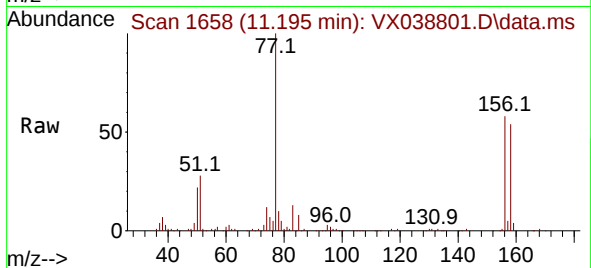
Tgt Ion:	156	Resp:	32620
Ion Ratio	Lower	Upper	
156	100		
77	169.9	88.4	265.3
158	94.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#78

n-propylbenzene

Concen: 19.464 ug/l

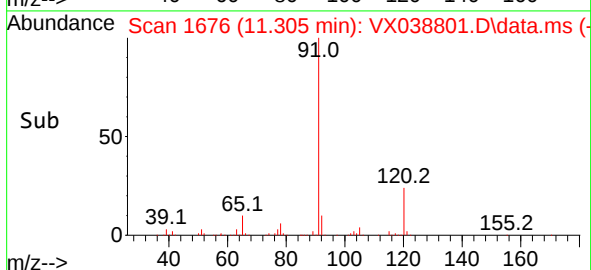
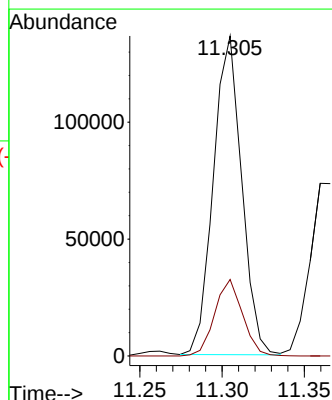
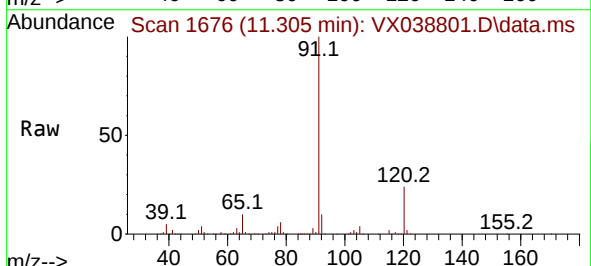
RT: 11.305 min Scan# 1676

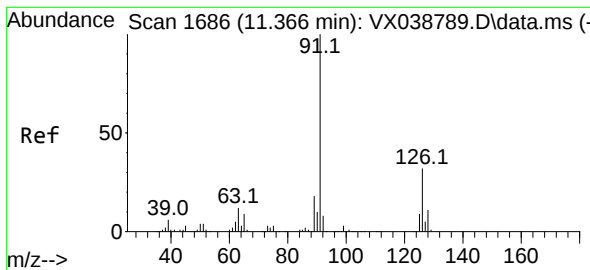
Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

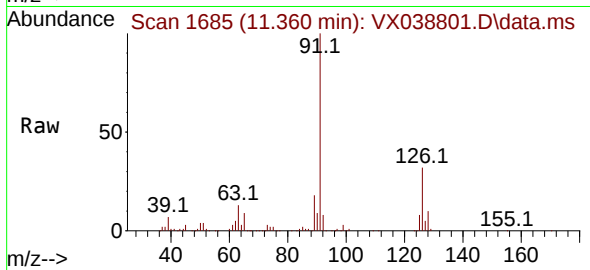
Tgt Ion:	91	Resp:	163379
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.187 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

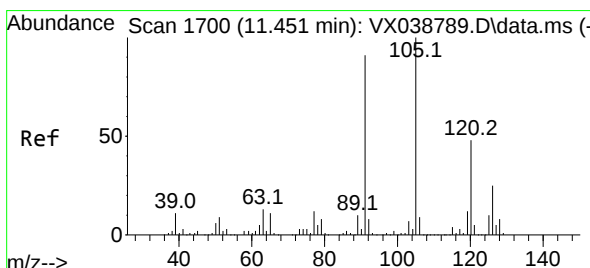
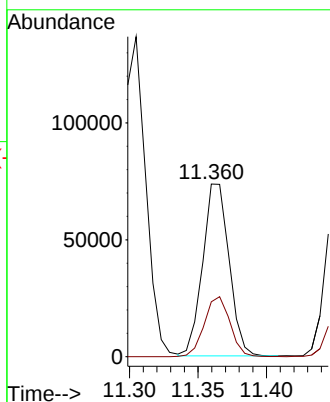
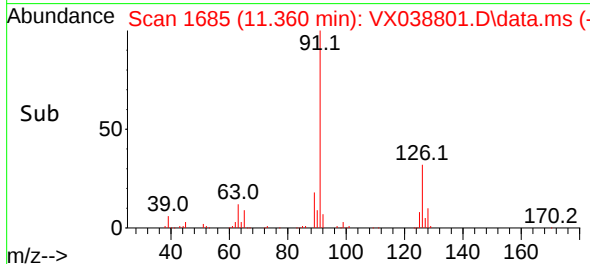
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 91 Resp: 98754
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

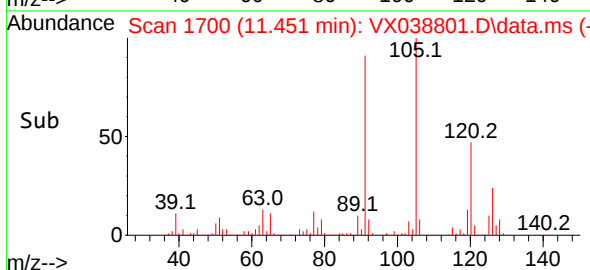
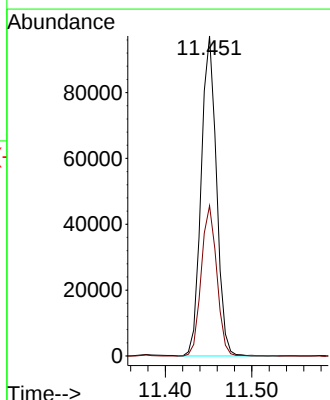
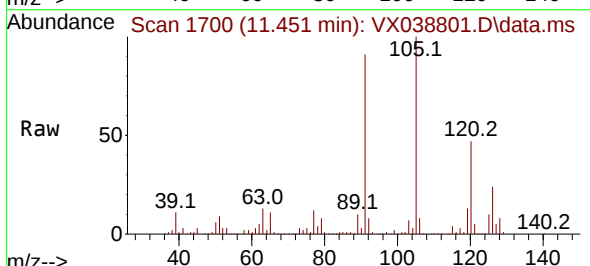
Manual Integrations
APPROVED

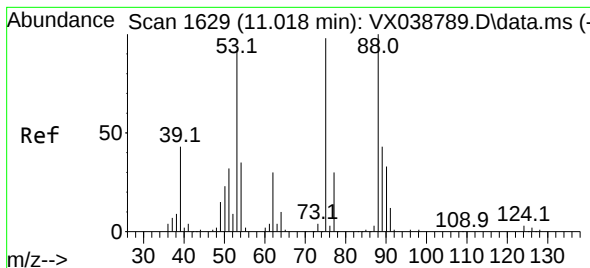
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.777 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

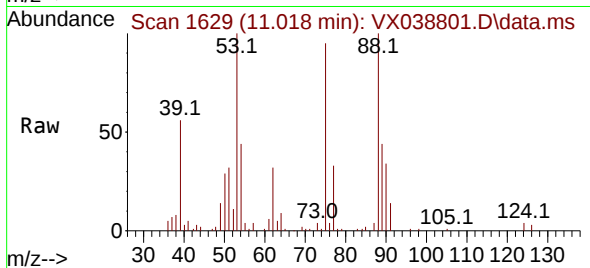
Tgt Ion:105 Resp: 119288
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.368 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

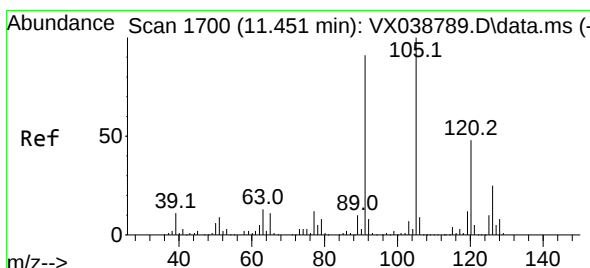
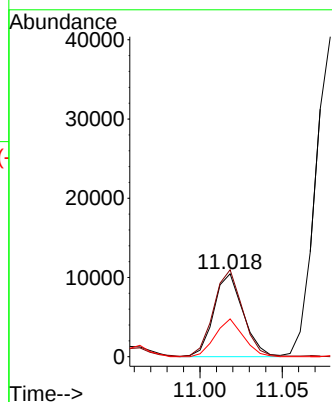
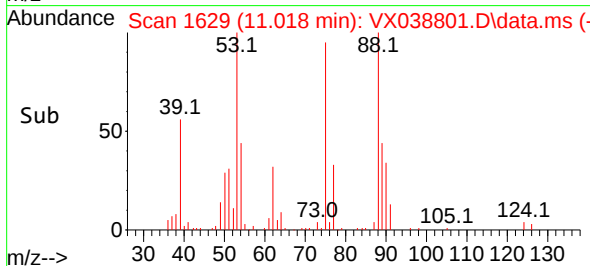
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 75 Resp: 1302
Ion Ratio Lower Upper
75 100
53 101.8 90.5 135.7
89 43.6 36.9 55.3

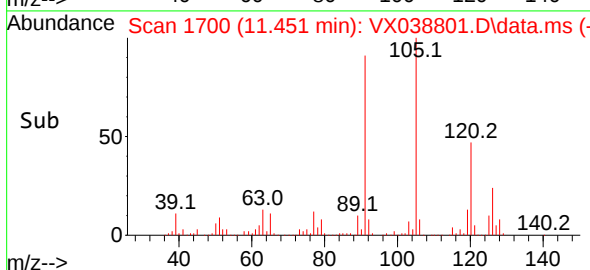
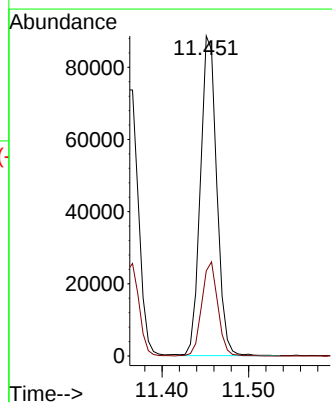
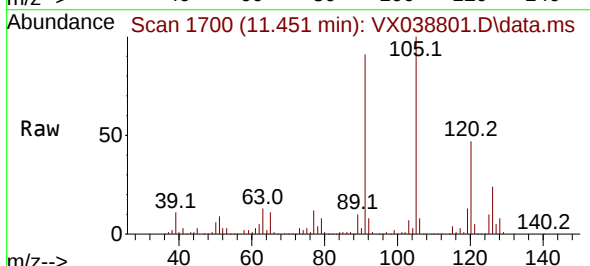
Manual Integrations
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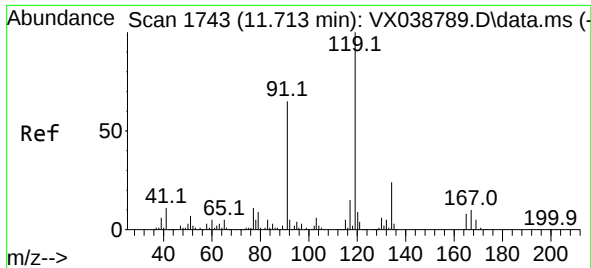
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 19.584 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

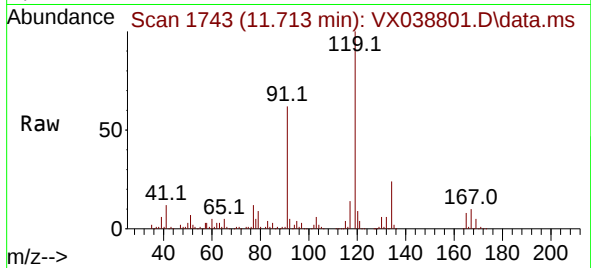
Tgt Ion: 91 Resp: 116040
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.548 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

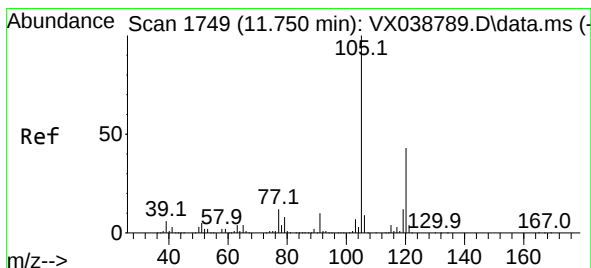
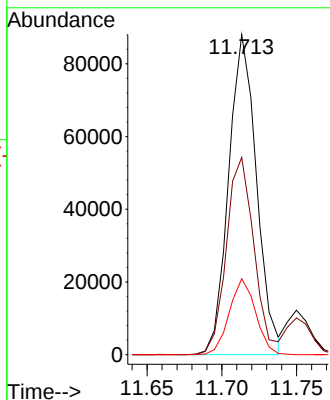
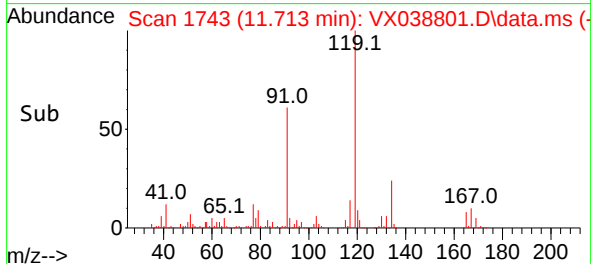
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



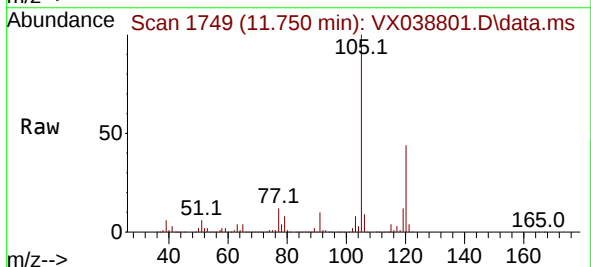
Tgt Ion:119 Resp: 114228
Ion Ratio Lower Upper
119 100
91 61.3 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
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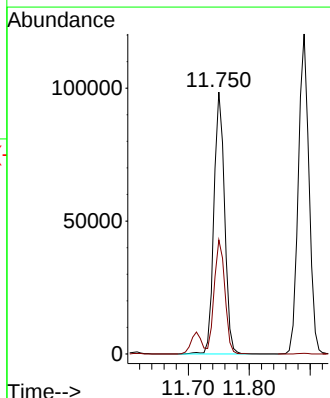
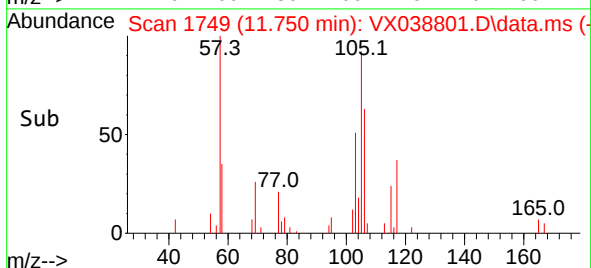
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

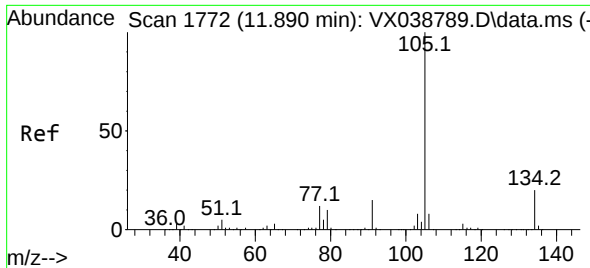


#84
1,2,4-Trimethylbenzene
Concen: 19.742 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



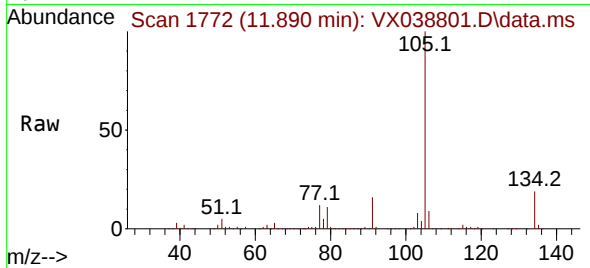
Tgt Ion:105 Resp: 119556
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.365 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17

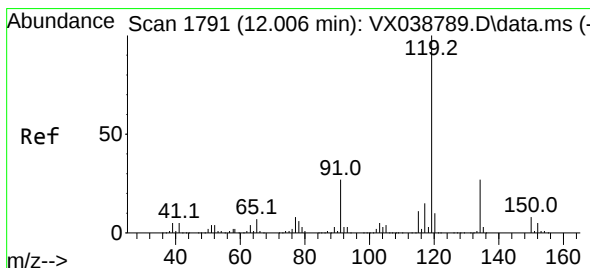
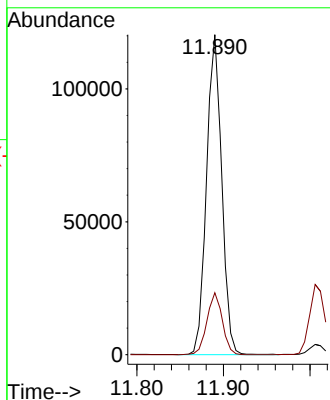
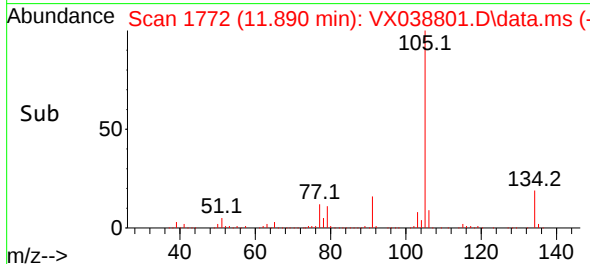
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS01



Tgt Ion:105 Resp: 146592
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

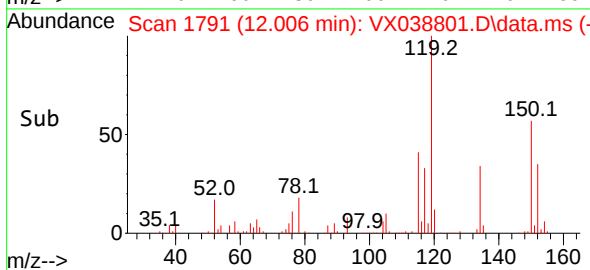
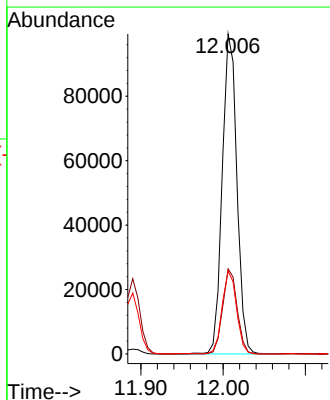
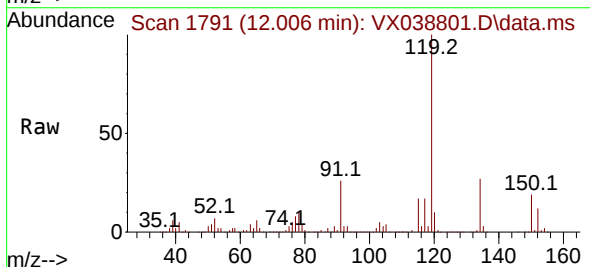
Manual Integrations
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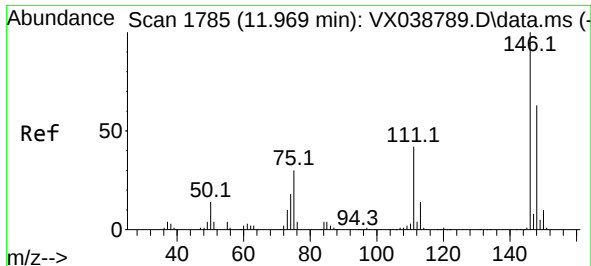
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 19.987 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038801.D
 Acq: 14 Nov 2023 13:17

Tgt Ion:119 Resp: 123359
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.997 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

Tgt Ion:146 Resp: 6386

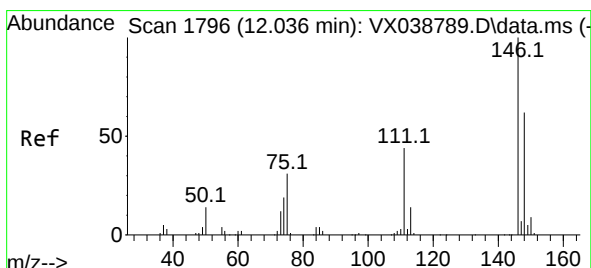
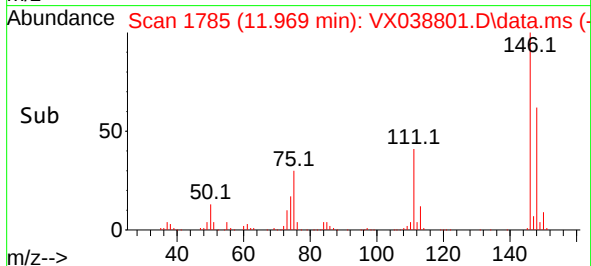
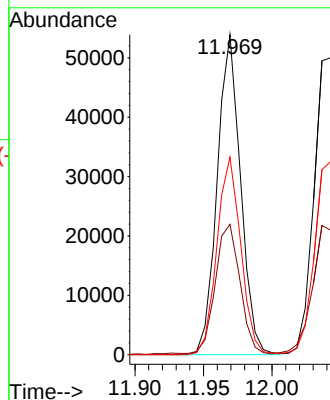
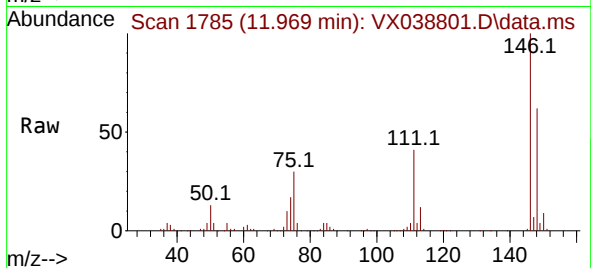
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.1	66.1
148	63.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 19.118 ug/l

RT: 12.042 min Scan# 1797

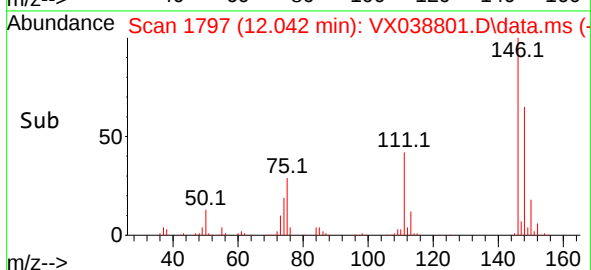
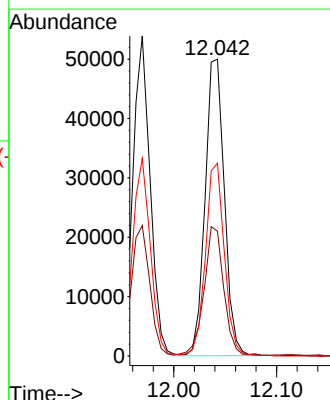
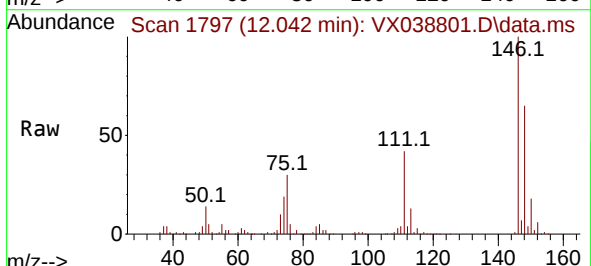
Delta R.T. 0.006 min

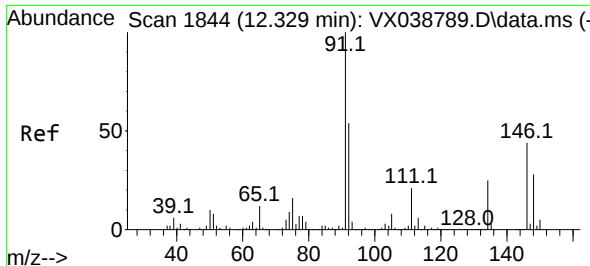
Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion:146 Resp: 65122

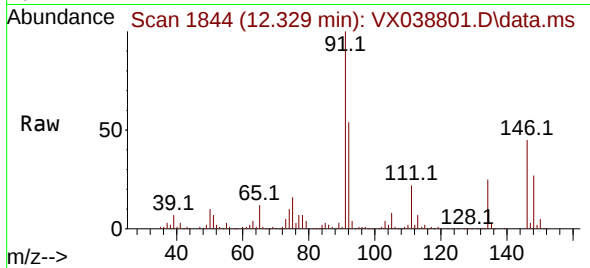
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	63.7
148	64.1	31.8	95.4





#89
n-Butylbenzene
Concen: 20.049 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

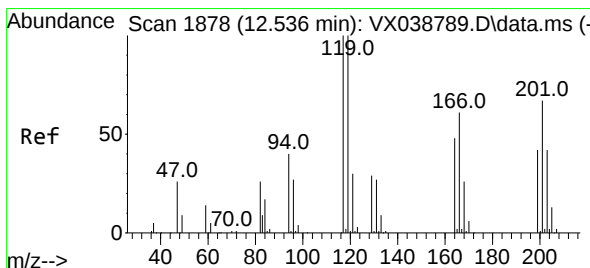
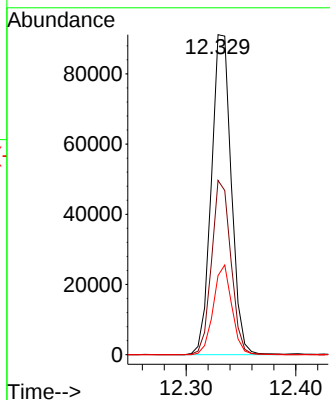
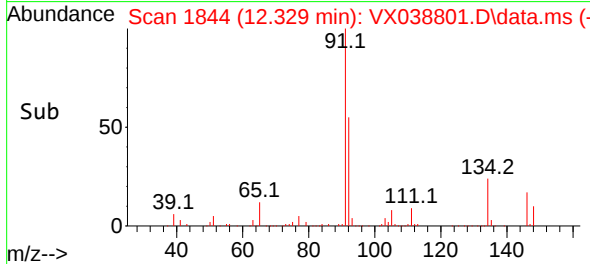
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



Tgt Ion: 91 Resp: 11527
Ion Ratio Lower Upper
91 100
92 52.8 27.4 82.0
134 26.0 12.6 37.8

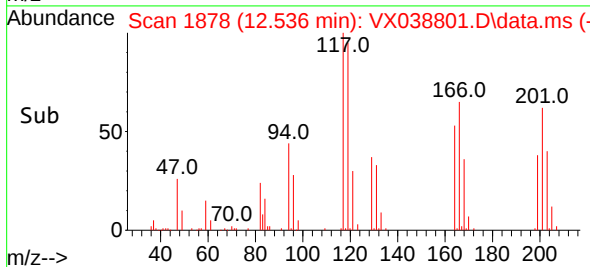
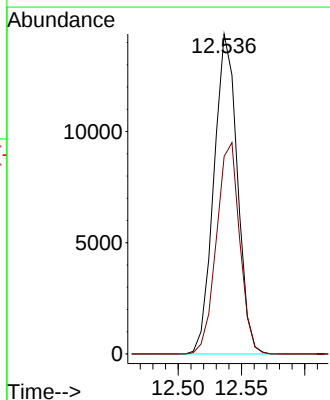
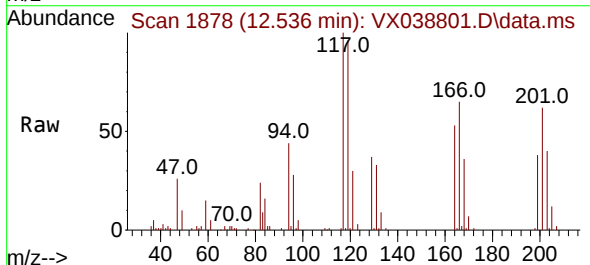
Manual Integrations
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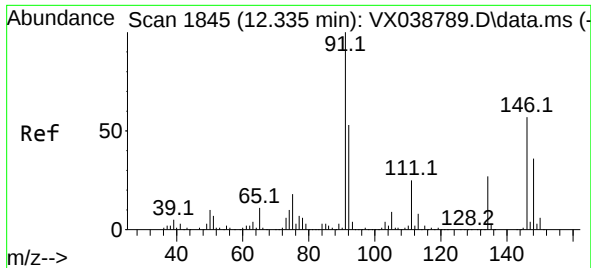
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 18.774 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

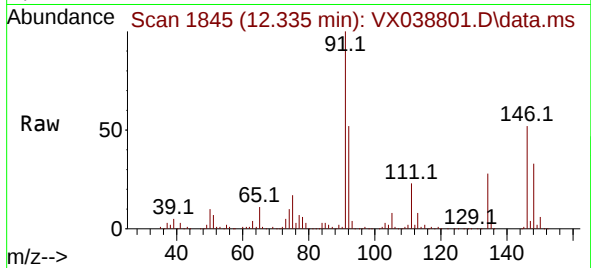
Tgt Ion:117 Resp: 18502
Ion Ratio Lower Upper
117 100
201 65.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.333 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17

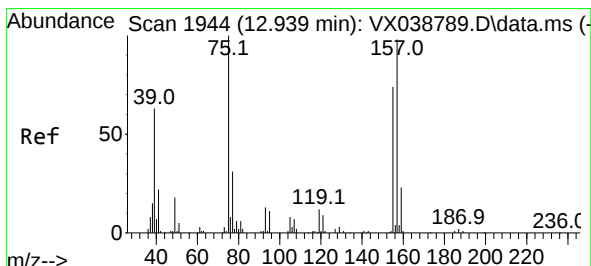
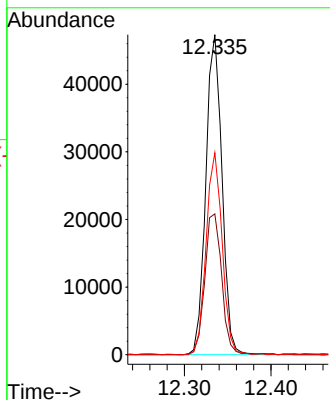
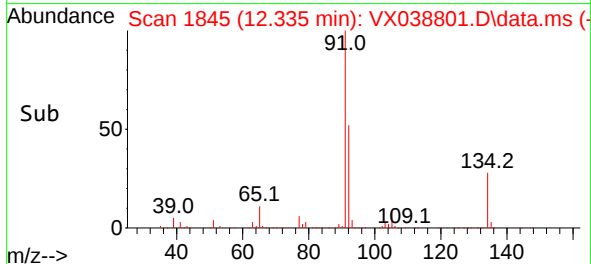
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS01



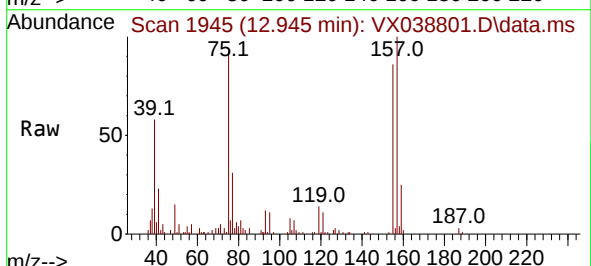
Tgt Ion:146 Resp: 61428
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 62.7 31.6 95.0

Manual Integrations
APPROVED

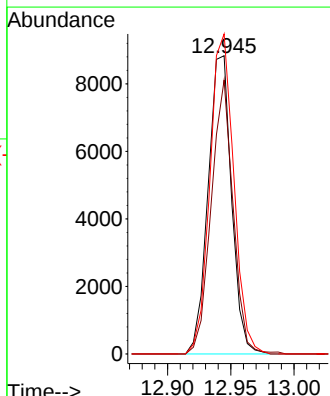
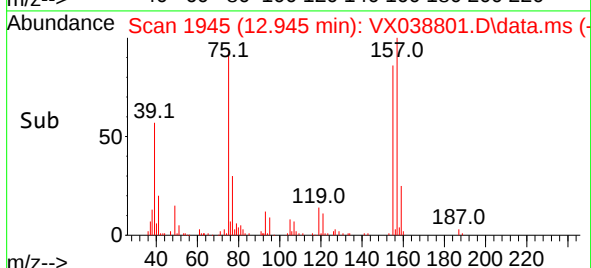
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

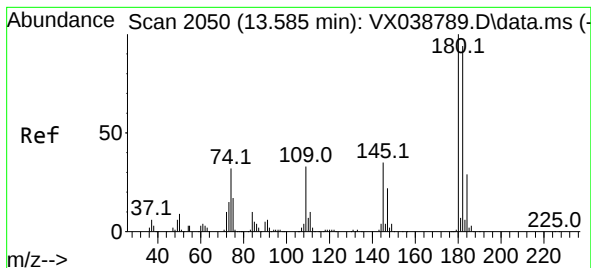


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.773 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038801.D
Acq: 14 Nov 2023 13:17



Tgt Ion: 75 Resp: 11372
Ion Ratio Lower Upper
75 100
155 85.6 36.1 108.5
157 109.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.673 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

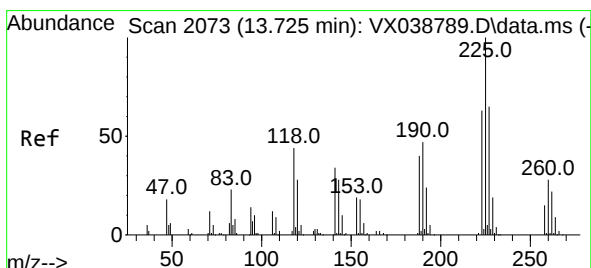
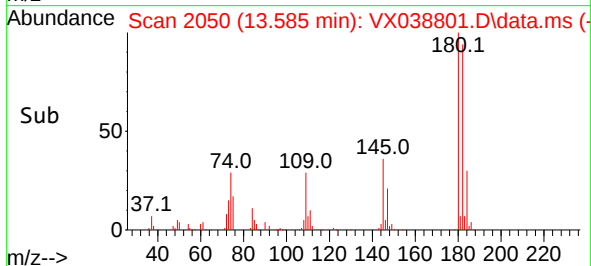
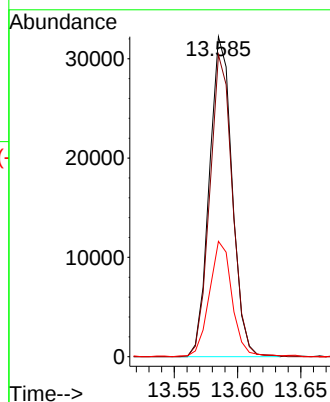
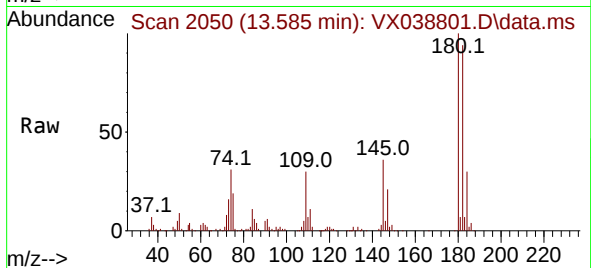
Tgt Ion:180	Resp:	4025
Ion Ratio	Lower	Upper
180	100	
182	93.9	48.3 144.8
145	36.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#94

Hexachlorobutadiene

Concen: 18.397 ug/l

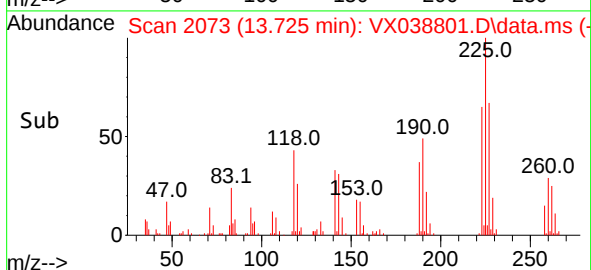
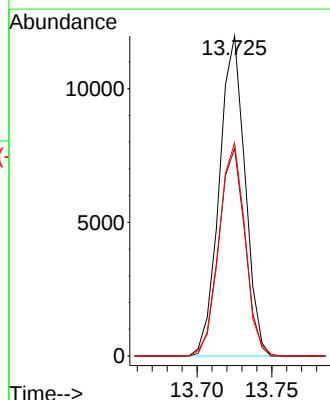
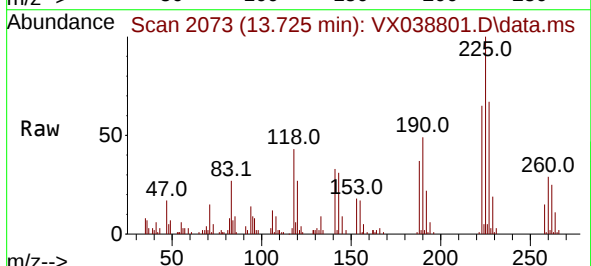
RT: 13.725 min Scan# 2073

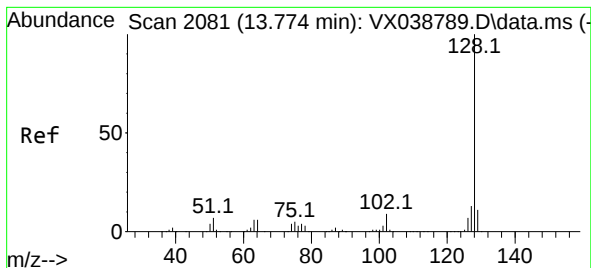
Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion:225	Resp:	14342
Ion Ratio	Lower	Upper
225	100	
223	65.8	31.1 93.2
227	66.8	32.5 97.5





#95

Naphthalene

Concen: 20.458 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS01

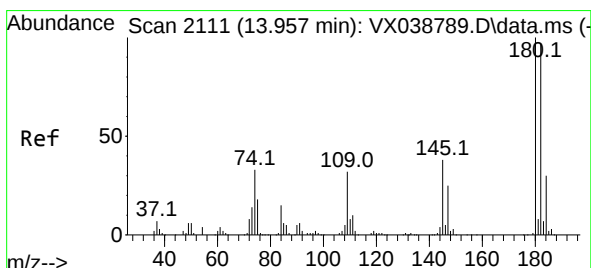
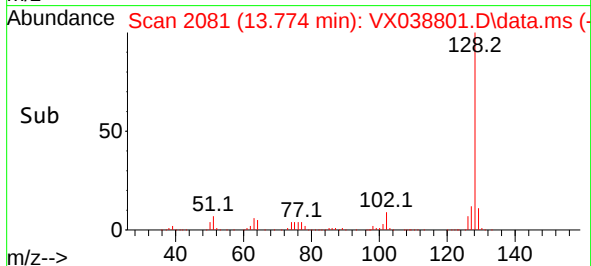
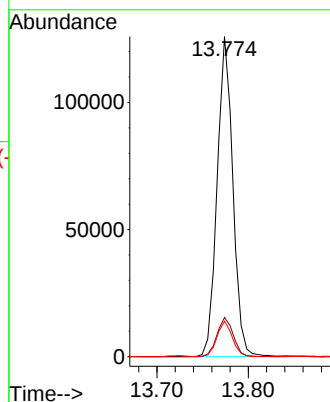
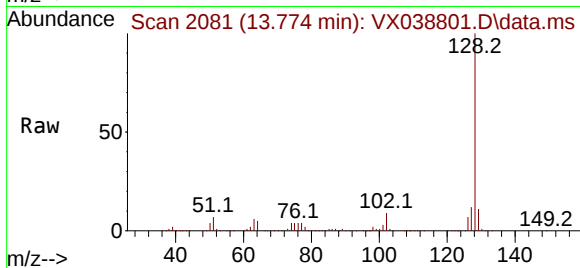
Tgt Ion:128	Resp: 150310
Ion Ratio	Lower Upper
128 100	
127 12.7	10.3 15.5
129 10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.008 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038801.D

Acq: 14 Nov 2023 13:17

Tgt Ion:180	Resp: 40282
Ion Ratio	Lower Upper
180 100	
182 94.1	46.9 140.6
145 38.9	17.8 53.5

