

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX038999.D
 Acq On : 22 Nov 2023 13:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95924	47.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.880%		
35) Dibromofluoromethane	5.385	113	75943	47.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	8.647	98	279805	45.673	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.340%#		
62) 4-Bromofluorobenzene	11.079	95	113142	46.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	79123	54.044	ug/l	99
3) Chloromethane	1.295	50	90599	47.412	ug/l	99
4) Vinyl Chloride	1.374	62	91088	49.486	ug/l	100
5) Bromomethane	1.599	94	56326	74.011	ug/l	100
6) Chloroethane	1.679	64	53961	51.370	ug/l	99
7) Trichlorofluoromethane	1.886	101	127475	54.575	ug/l	99
8) Diethyl Ether	2.130	74	48417	47.592	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	73393	47.381	ug/l	96
10) Methyl Iodide	2.453	142	82093	43.543	ug/l	92
11) Tert butyl alcohol	2.953	59	132975	236.473	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	73065	46.721	ug/l	91
13) Acrolein	2.233	56	60472	203.263	ug/l	100
14) Allyl chloride	2.660	41	145384	46.432	ug/l	96
15) Acrylonitrile	3.063	53	271750	228.708	ug/l	99
16) Acetone	2.374	43	280675	260.781	ug/l	93
17) Carbon Disulfide	2.508	76	216207	44.632	ug/l	99
18) Methyl Acetate	2.697	43	216118	42.275	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	268303	48.778	ug/l	98
20) Methylene Chloride	2.788	84	86249	44.454	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	83312	48.281	ug/l	92
22) Diisopropyl ether	3.757	45	276776	48.185	ug/l	90
23) Vinyl Acetate	3.721	43	1077149	260.377	ug/l	99
24) 1,1-Dichloroethane	3.605	63	152429	47.454	ug/l	99
25) 2-Butanone	4.550	43	413154	236.718	ug/l	96
26) 2,2-Dichloropropane	4.477	77	134188	48.160	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	95956	47.707	ug/l	95
28) Bromochloromethane	4.891	49	70334	45.606	ug/l	98
29) Tetrahydrofuran	4.995	42	265290	239.389	ug/l	98
30) Chloroform	5.093	83	154179	49.156	ug/l	98
31) Cyclohexane	5.465	56	141778	49.115	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	136391	50.204	ug/l	99
36) 1,1-Dichloropropene	5.690	75	117592	51.241	ug/l	98
37) Ethyl Acetate	4.709	43	149802	50.103	ug/l	98
38) Carbon Tetrachloride	5.678	117	116446	54.901	ug/l	97
39) Methylcyclohexane	7.379	83	152795	51.043	ug/l	96
40) Benzene	6.038	78	343367	50.587	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	77210	49.790	ug/l	94
42) 1,2-Dichloroethane	6.080	62	125671	55.882	ug/l	98
43) Isopropyl Acetate	6.336	43	240829	50.401	ug/l	99
44) Trichloroethene	7.123	130	87605	53.024	ug/l	94
45) 1,2-Dichloropropane	7.428	63	90912	49.771	ug/l	99
46) Dibromomethane	7.580	93	63981	52.525	ug/l	98
47) Bromodichloromethane	7.818	83	123627	51.135	ug/l	99
48) Methyl methacrylate	7.690	41	137536	59.324	ug/l	94
49) 1,4-Dioxane	7.653	88	45014	1003.609	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	781364	255.883	ug/l	100
52) Toluene	8.714	92	218835	51.954	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	143446	49.927	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	150544	50.727	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	88479	50.343	ug/l	92
56) Ethyl methacrylate	9.116	69	113701	38.236	ug/l	96
57) 1,3-Dichloropropane	9.305	76	150484	51.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	315655	227.869	ug/l	96
59) 2-Hexanone	9.427	43	631148	257.870	ug/l	98
60) Dibromochloromethane	9.519	129	94385	52.817	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95926	52.014	ug/l	99
64) Tetrachloroethene	9.275	164	70083	53.807	ug/l	98
65) Chlorobenzene	10.080	112	229149	50.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	83625	51.503	ug/l	99
67) Ethyl Benzene	10.189	91	432625	52.167	ug/l	99
68) m/p-Xylenes	10.299	106	322031	102.654	ug/l	99
69) o-Xylene	10.640	106	155502	50.096	ug/l	100
70) Styrene	10.653	104	231294	44.121	ug/l	98
71) Bromoform	10.799	173	68087	50.302	ug/l #	100
73) Isopropylbenzene	10.964	105	415582	49.746	ug/l	100
74) N-amyl acetate	10.842	43	210310	47.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	151558	46.474	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130820m	48.902	ug/l	
77) Bromobenzene	11.195	156	93712	49.922	ug/l	99
78) n-propylbenzene	11.305	91	507672	49.370	ug/l	99
79) 2-Chlorotoluene	11.366	91	292239	47.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	358785	51.078	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	51229	42.476	ug/l	86
82) 4-Chlorotoluene	11.451	91	349423	49.658	ug/l	99
83) tert-Butylbenzene	11.713	119	342745	49.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	360831	50.752	ug/l	99
85) sec-Butylbenzene	11.890	105	434579	48.025	ug/l	99
86) p-Isopropyltoluene	12.006	119	369139	50.817	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	180291	49.047	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	183494	48.773	ug/l	100
89) n-Butylbenzene	12.329	91	366460	50.002	ug/l	97
90) Hexachloroethane	12.536	117	69404	47.845	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	172789	49.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39053	48.878	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	119433	51.120	ug/l	96
94) Hexachlorobutadiene	13.725	225	43160	52.166	ug/l	97
95) Naphthalene	13.774	128	415753	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113155	51.092	ug/l	99

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VSTDCCC050

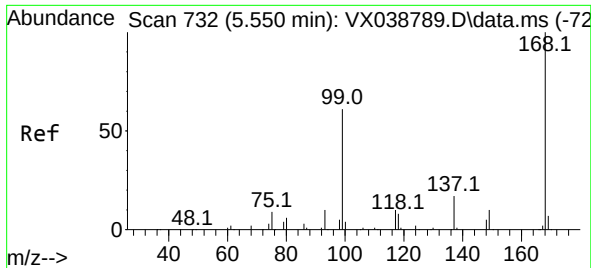
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/24/2023

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

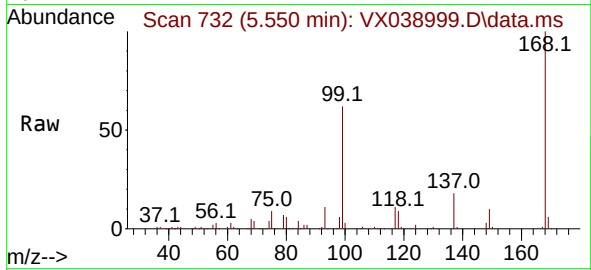
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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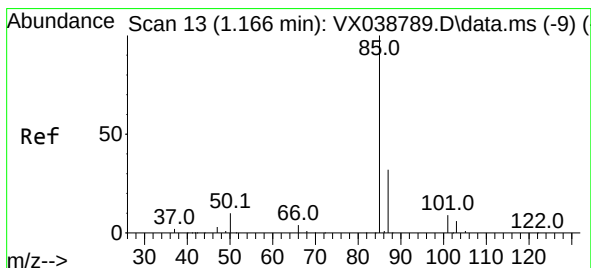
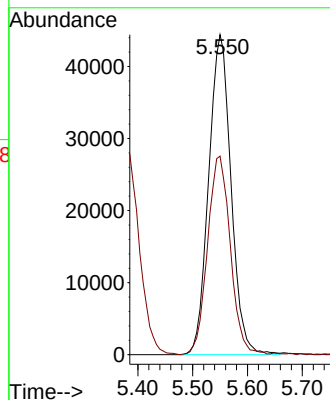
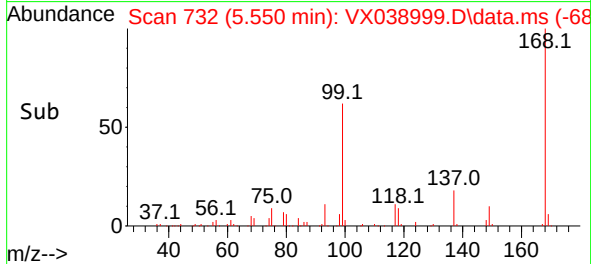
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12547
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

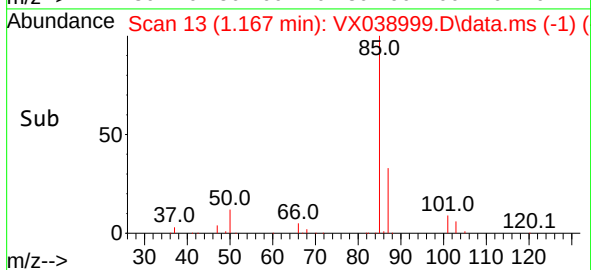
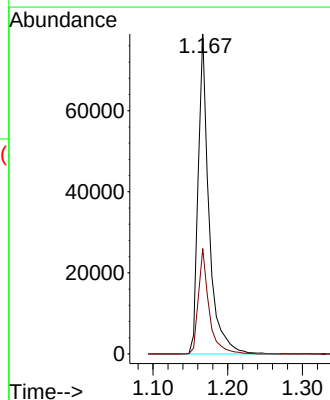
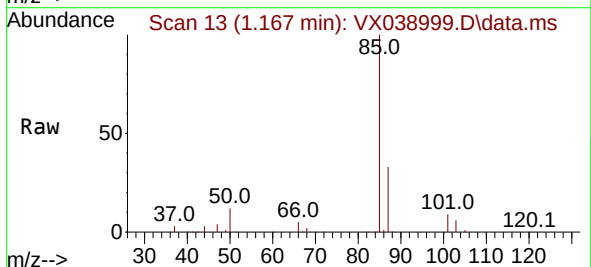
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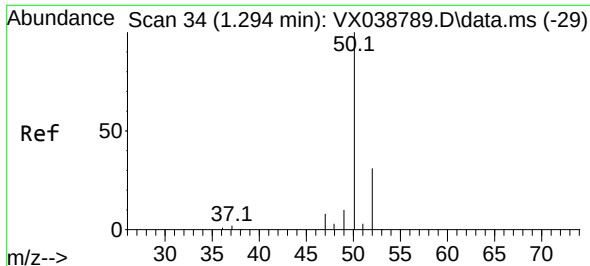
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 54.044 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

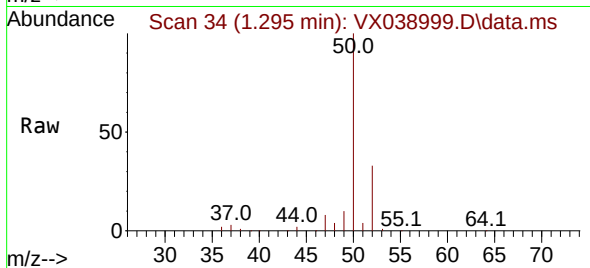
Tgt Ion: 85 Resp: 79123
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





#3
Chloromethane
Concen: 47.412 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

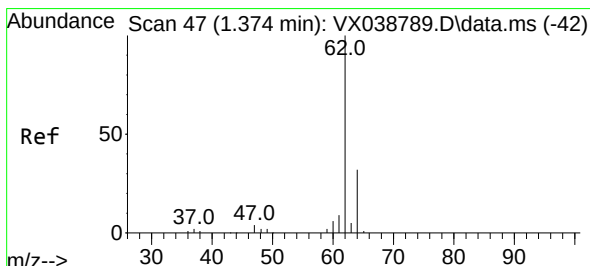
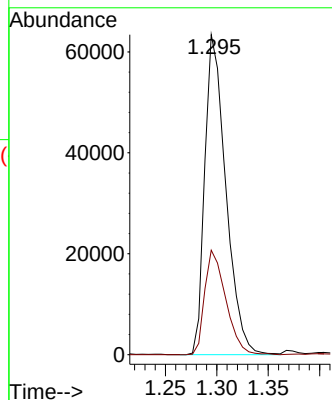
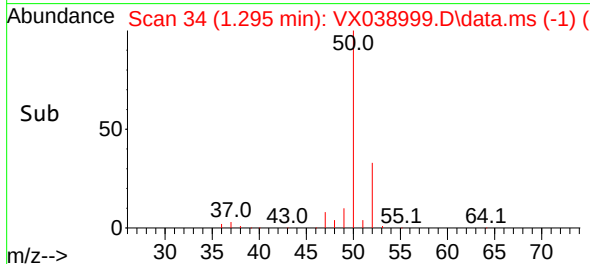
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 90599
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

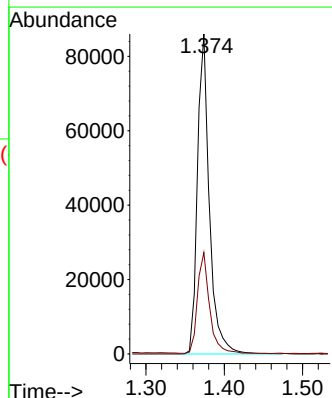
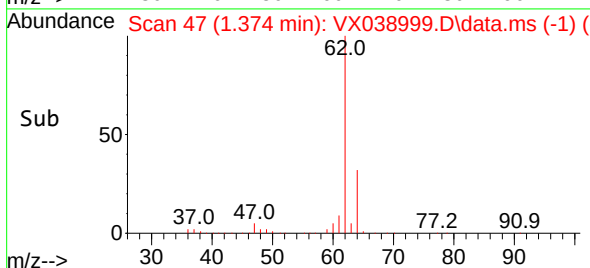
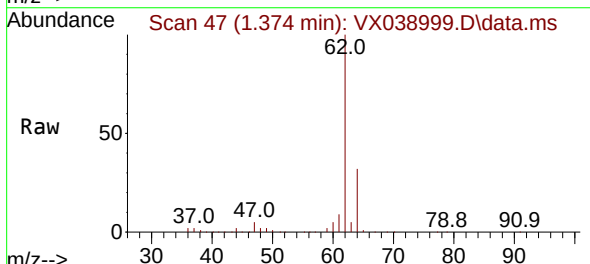
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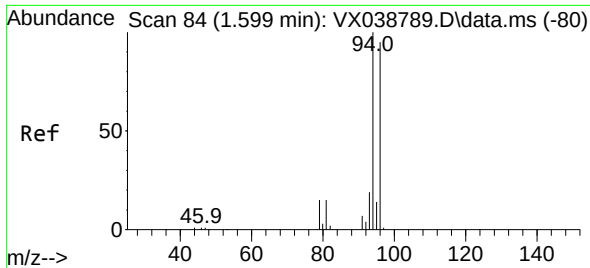
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#4
Vinyl Chloride
Concen: 49.486 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

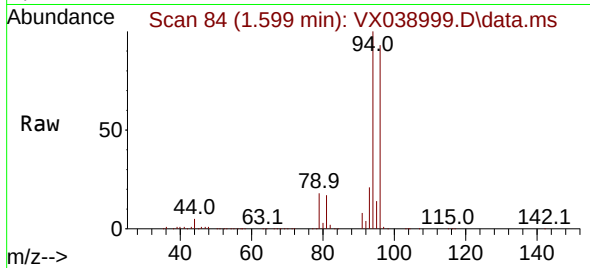
Tgt Ion: 62 Resp: 91088
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 74.011 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

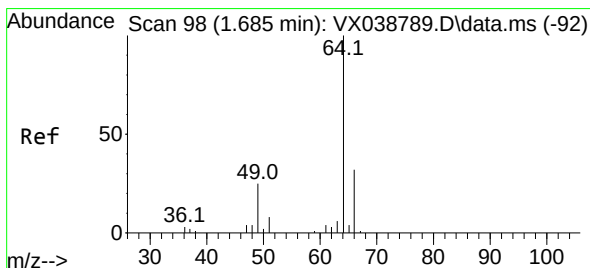
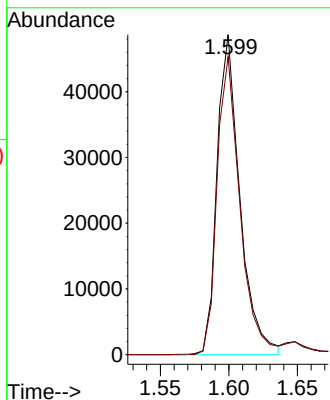
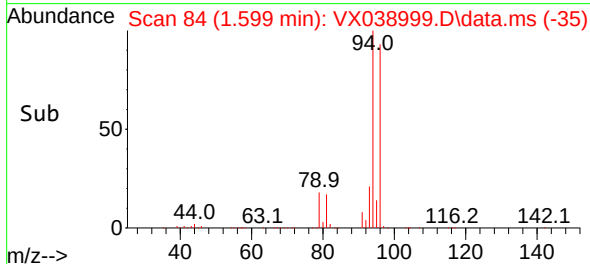
Instrument :
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Tgt Ion: 94 Resp: 56320
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

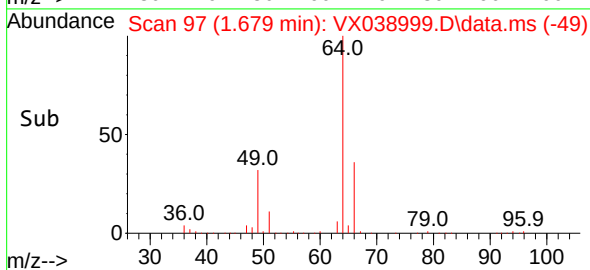
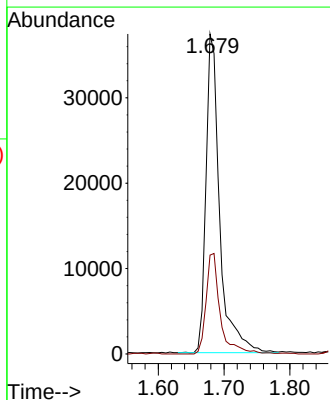
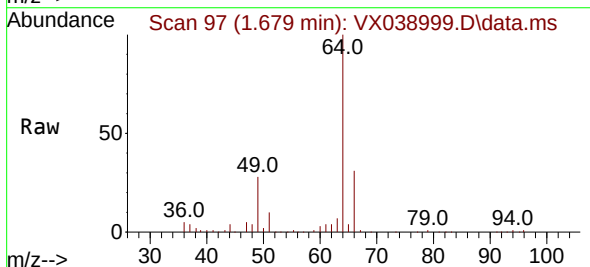
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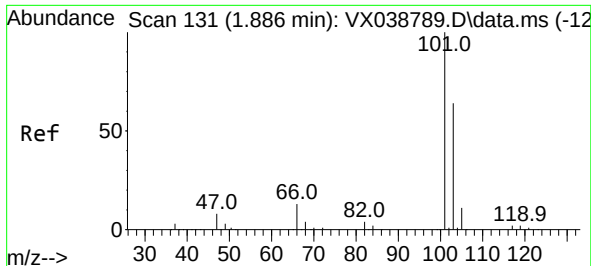
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#6
Chloroethane
Concen: 51.370 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

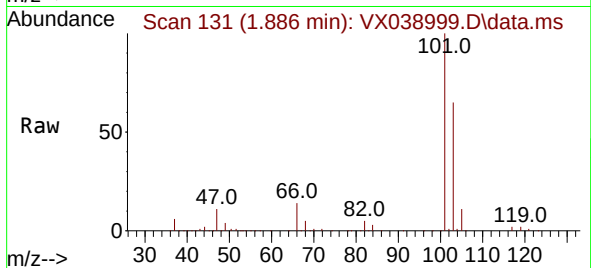
Tgt Ion: 64 Resp: 53961
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.575 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

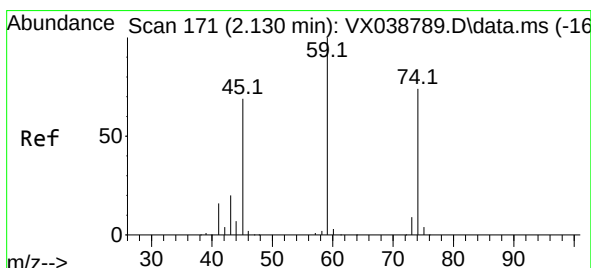
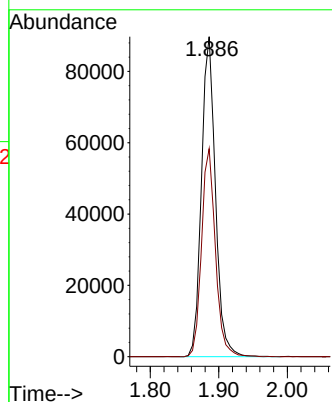
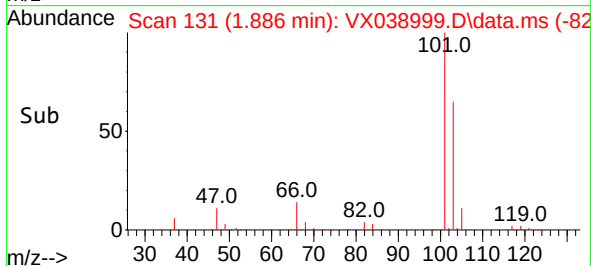
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:101 Resp: 12747
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

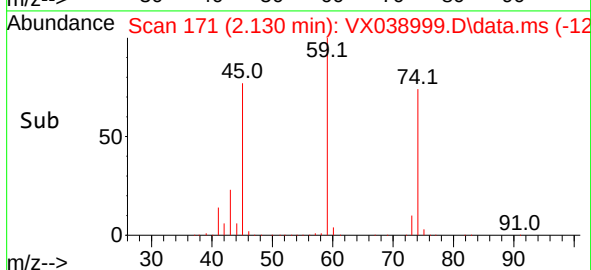
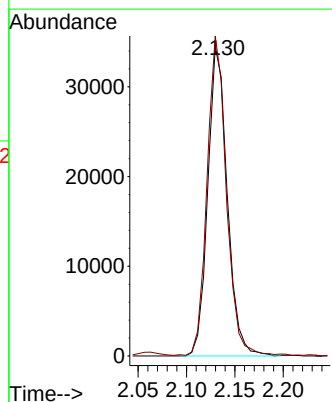
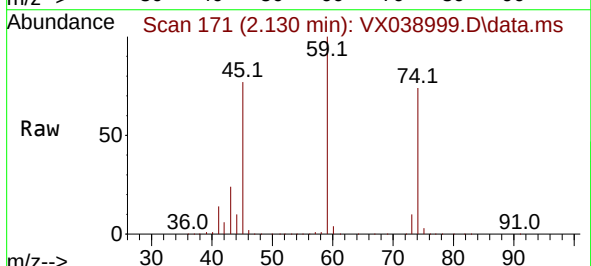
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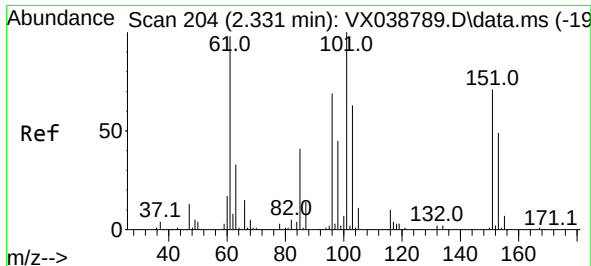
Reviewed By :John Carlone 11/24/2023
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#8
Diethyl Ether
Concen: 47.592 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 74 Resp: 48417
Ion Ratio Lower Upper
74 100
45 102.1 53.3 159.8





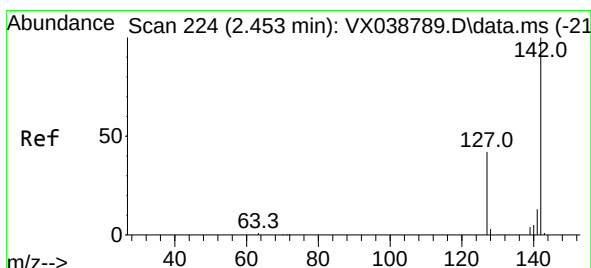
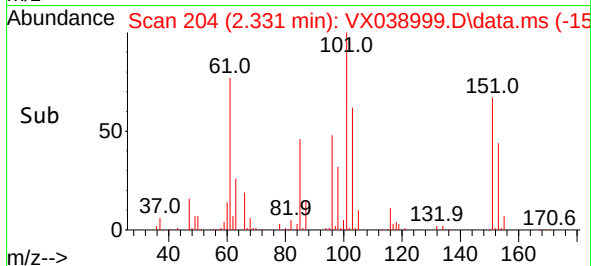
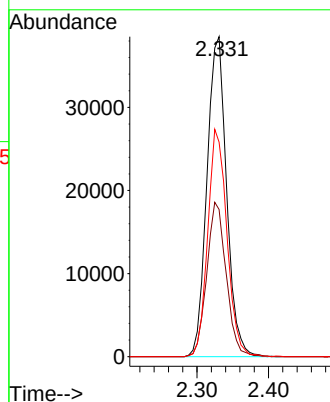
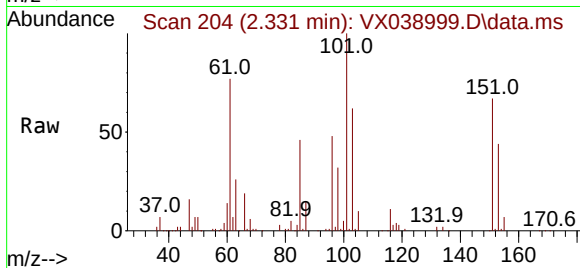
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.381 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038999.D
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Instrument :
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Tgt Ion:101 Resp: 7339
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 69.6 58.6 87.8

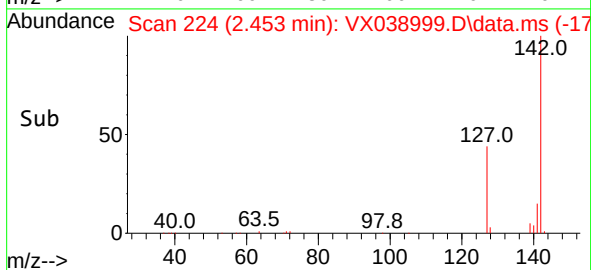
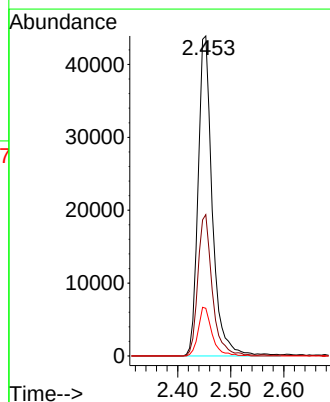
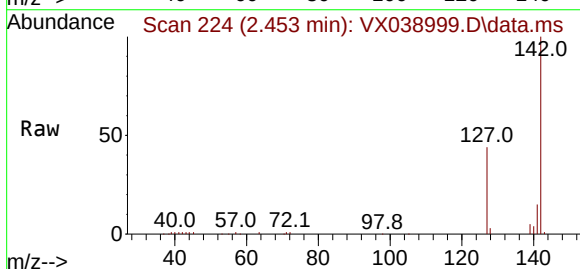
Manual Integrations
APPROVED

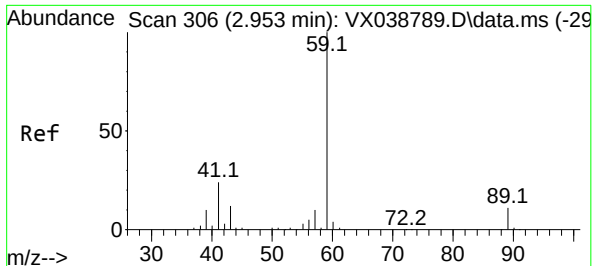
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 43.543 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

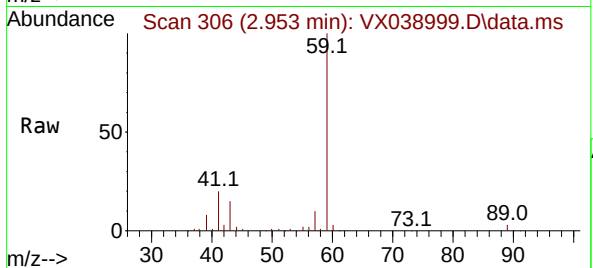
Tgt Ion:142 Resp: 82093
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 236.473 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

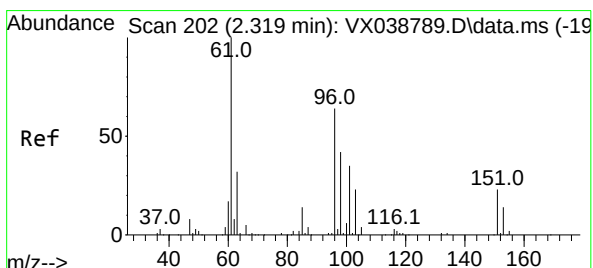
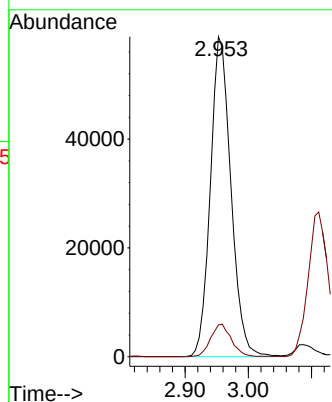
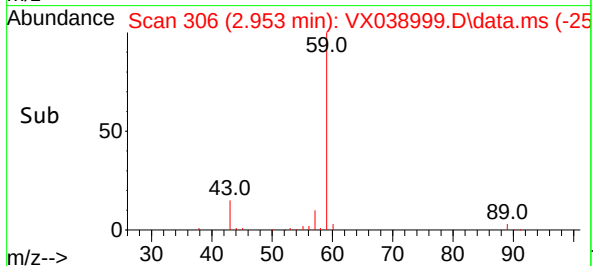
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 132975
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

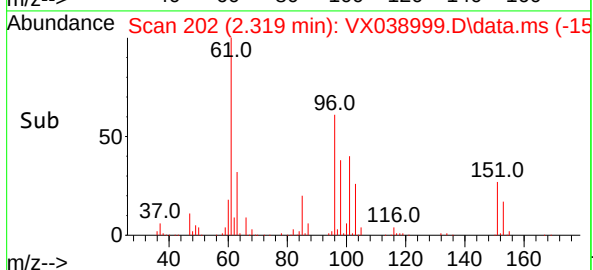
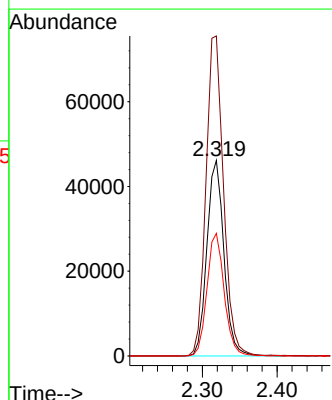
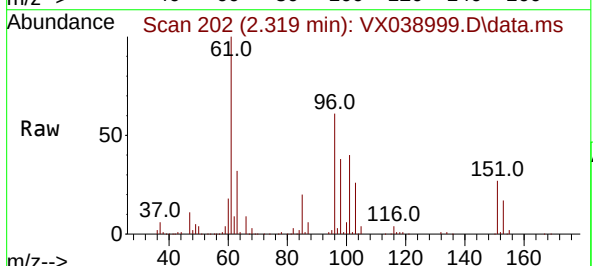
Manual Integrations
APPROVED

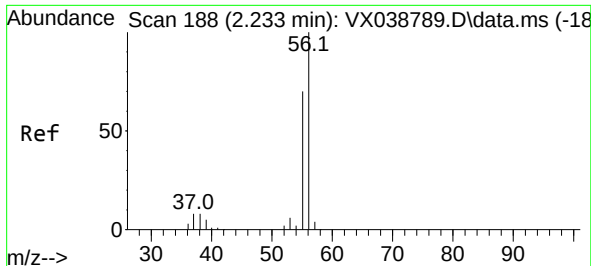
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#12
1,1-Dichloroethene
Concen: 46.721 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

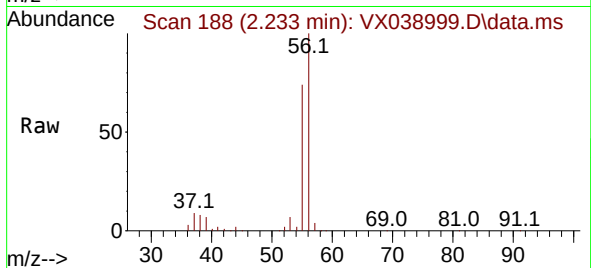
Tgt Ion: 96 Resp: 73065
Ion Ratio Lower Upper
96 100
61 163.7 144.6 216.8
98 62.7 50.4 75.6





#13
Acrolein
Concen: 203.263 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

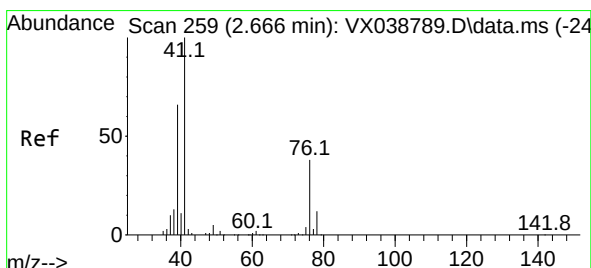
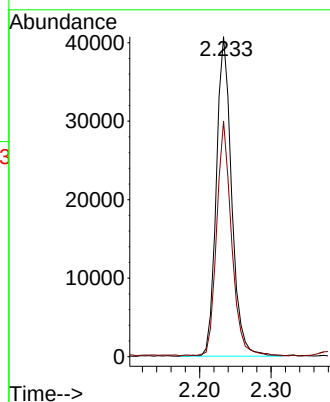
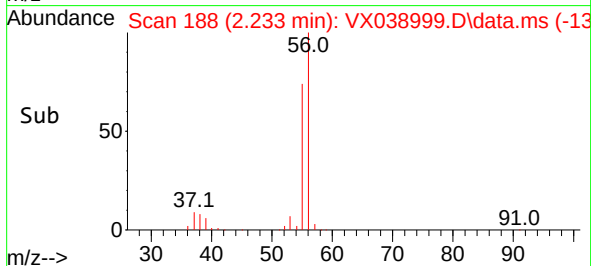
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 60472
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

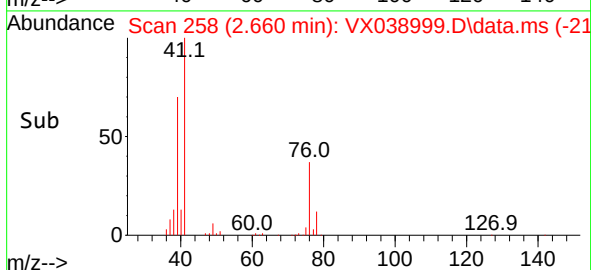
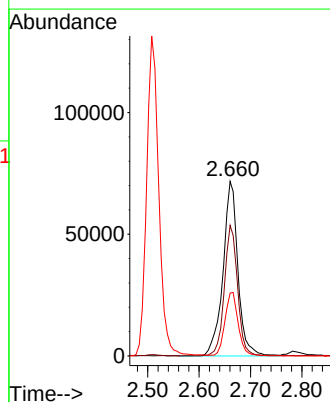
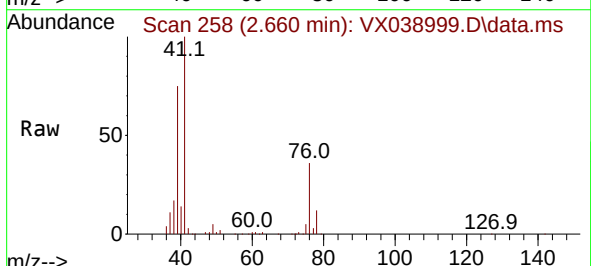
Manual Integrations
APPROVED

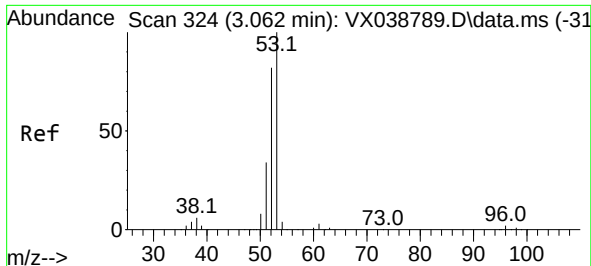
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 46.432 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

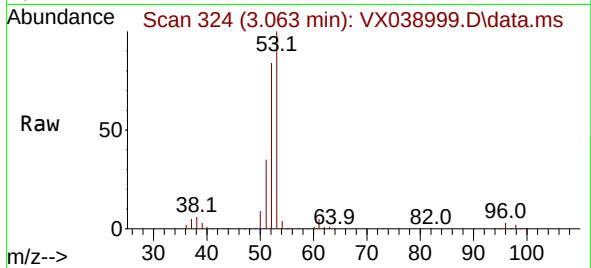
Tgt Ion: 41 Resp: 145384
Ion Ratio Lower Upper
41 100
39 65.8 55.8 83.6
76 32.4 24.3 36.5





#15
Acrylonitrile
Concen: 228.708 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

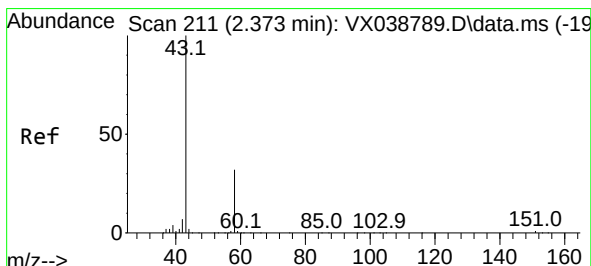
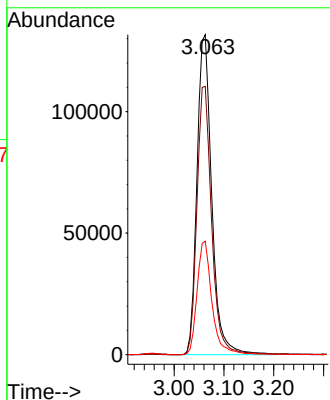
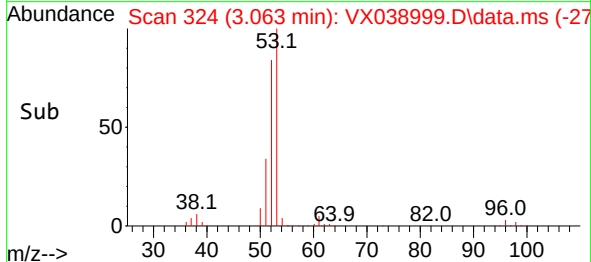
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



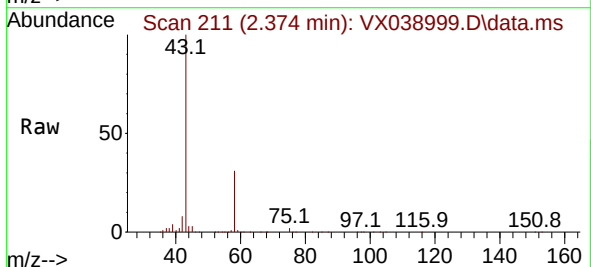
Tgt Ion: 53 Resp: 271750
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 35.8 29.8 44.6

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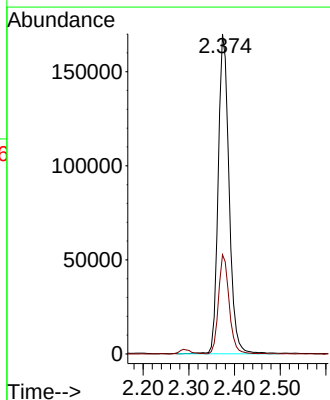
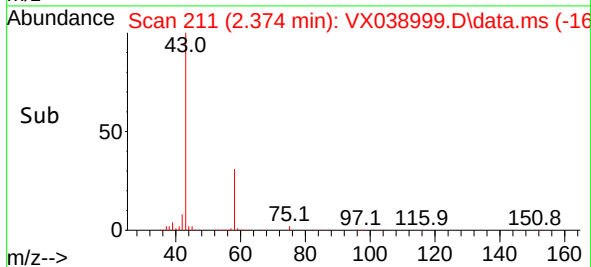
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

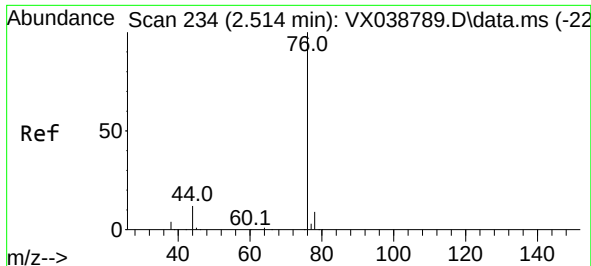


#16
Acetone
Concen: 260.781 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion: 43 Resp: 280675
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





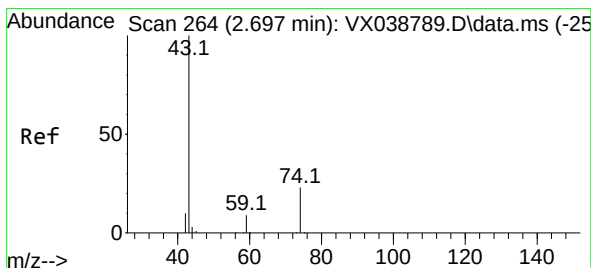
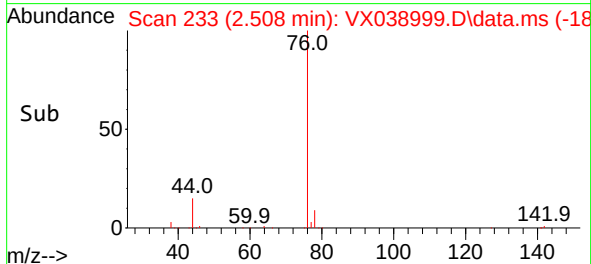
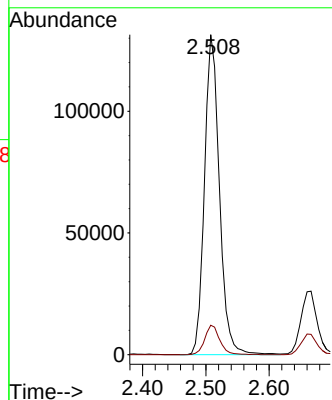
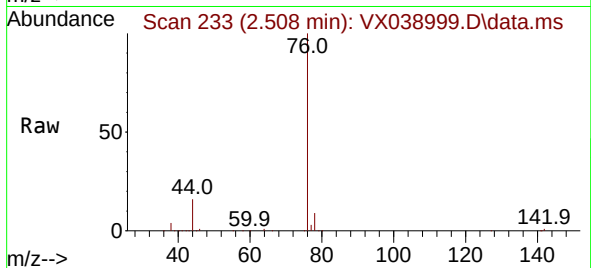
#17
Carbon Disulfide
Concen: 44.632 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 21620
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

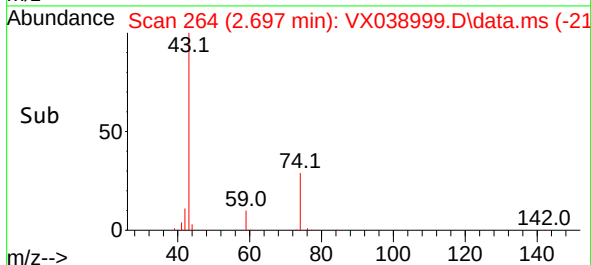
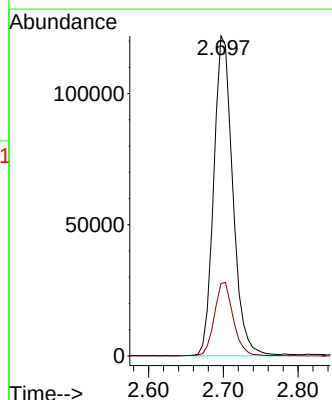
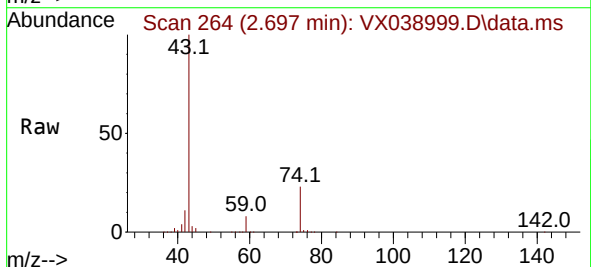
Manual Integrations
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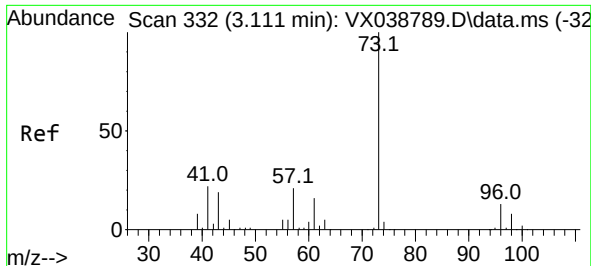
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#18
Methyl Acetate
Concen: 42.275 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 43 Resp: 216118
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.8





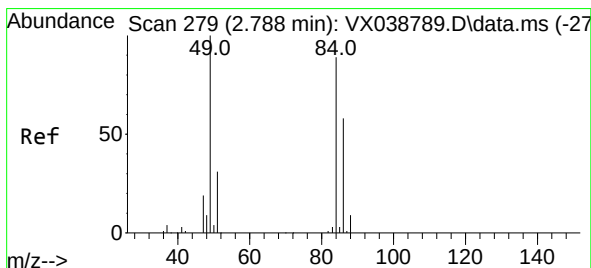
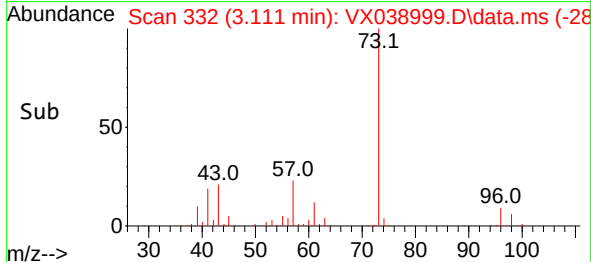
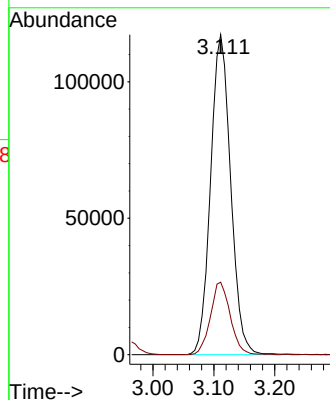
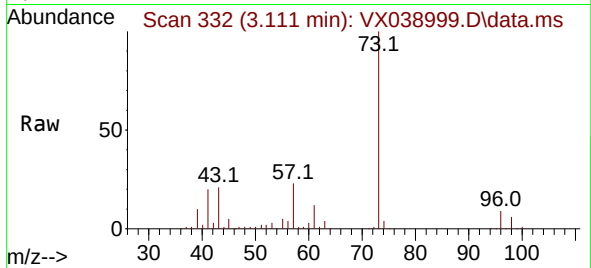
#19
Methyl tert-butyl Ether
Concen: 48.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 26830
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

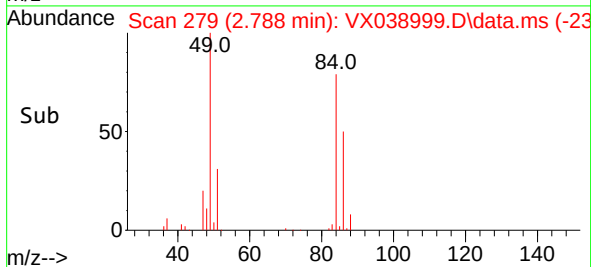
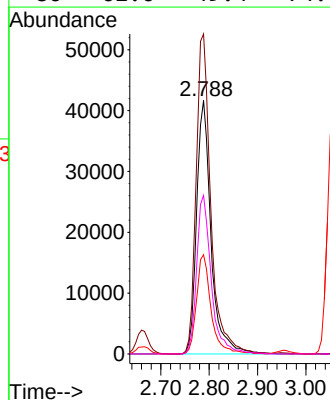
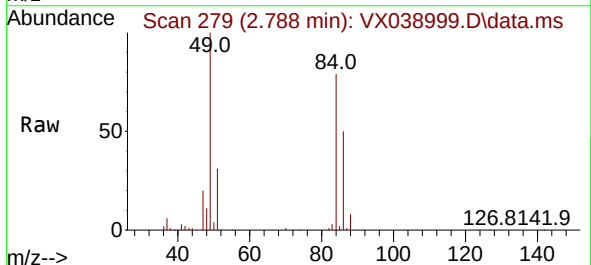
Manual Integrations
APPROVED

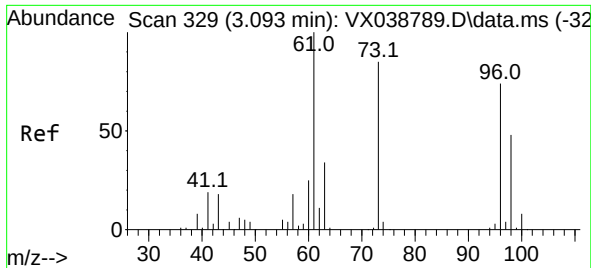
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 44.454 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

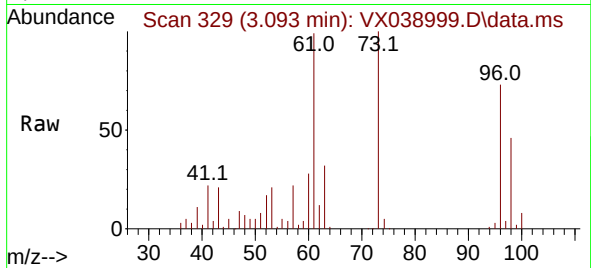
Tgt Ion: 84 Resp: 86249
Ion Ratio Lower Upper
84 100
49 126.3 103.6 155.4
51 39.2 33.8 50.6
86 62.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.281 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

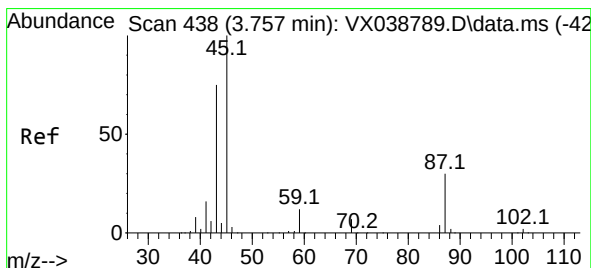
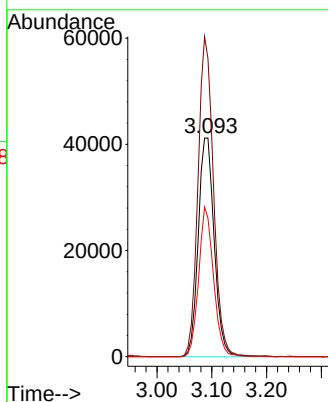
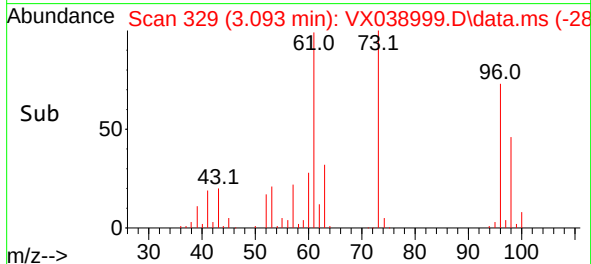
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



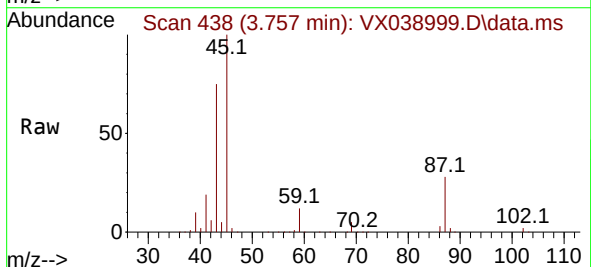
Tgt Ion: 96 Resp: 83312
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 63.3 48.7 73.1

Manual Integrations
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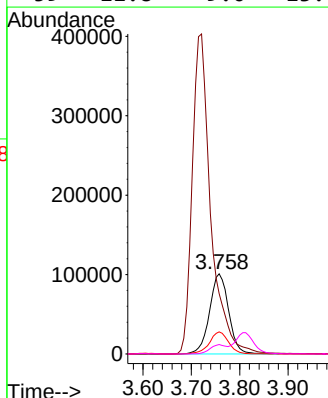
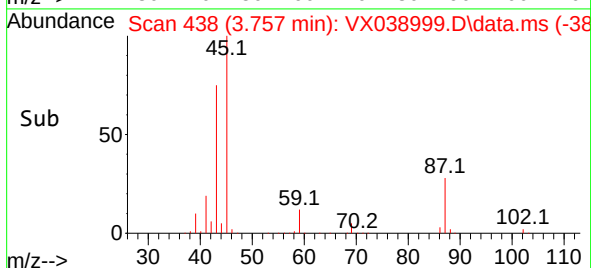
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

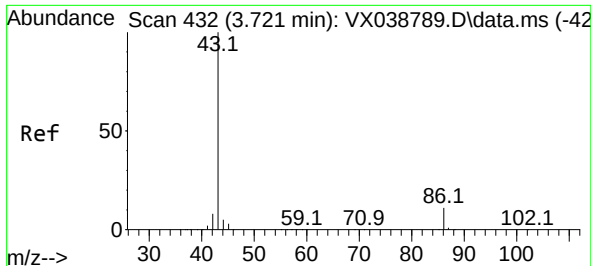


#22
Diisopropyl ether
Concen: 48.185 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion: 45 Resp: 276776
Ion Ratio Lower Upper
45 100
43 74.5 69.7 104.5
87 27.6 20.8 31.2
59 11.8 9.0 13.4





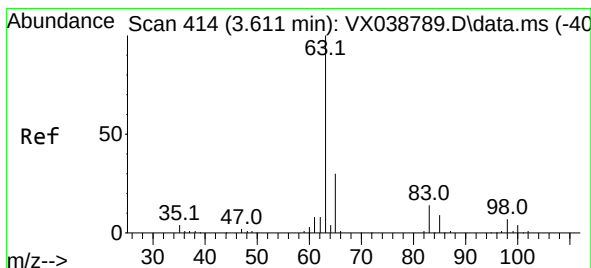
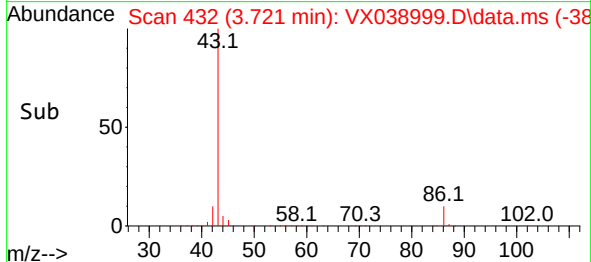
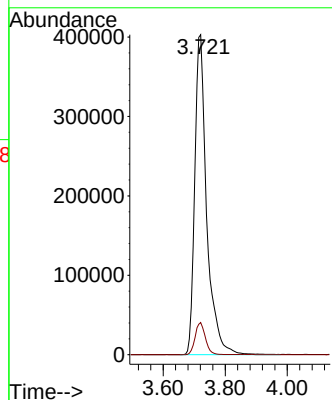
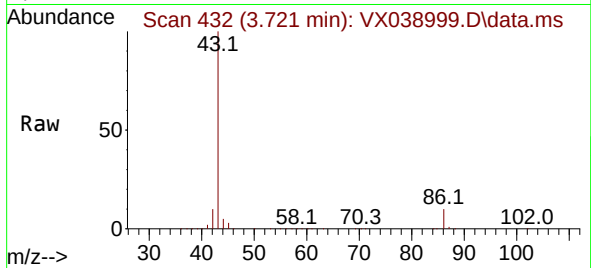
#23
 Vinyl Acetate
 Concen: 260.377 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1077149
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

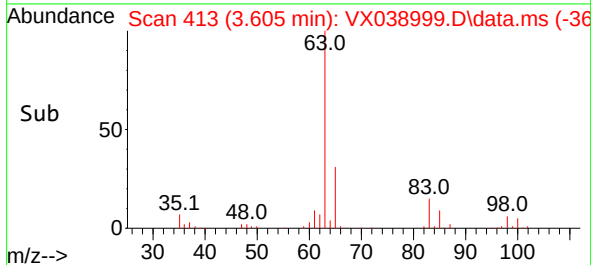
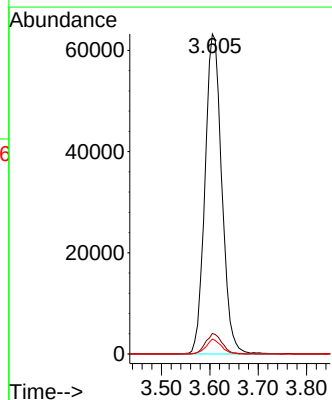
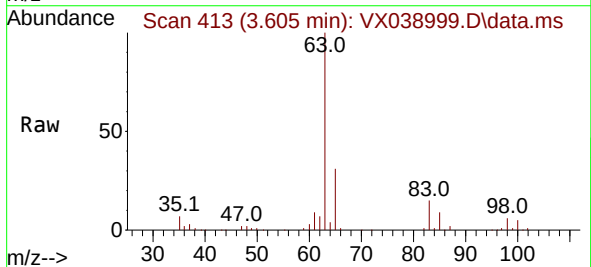
Manual Integrations
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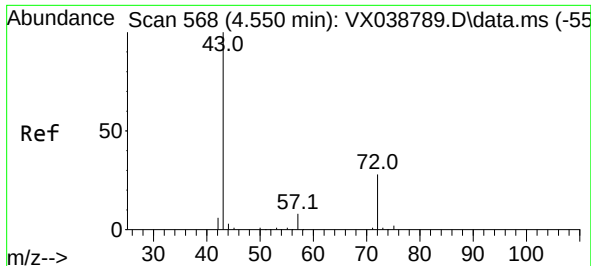
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 47.454 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

Tgt Ion: 63 Resp: 152429
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 236.718 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 413154

Ion Ratio Lower Upper

43 100

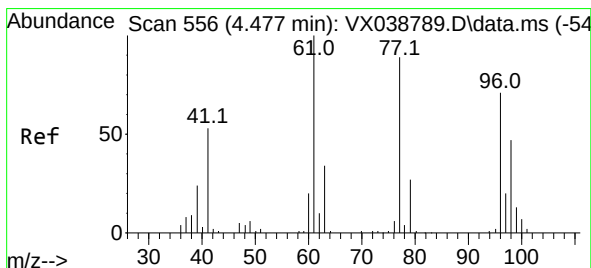
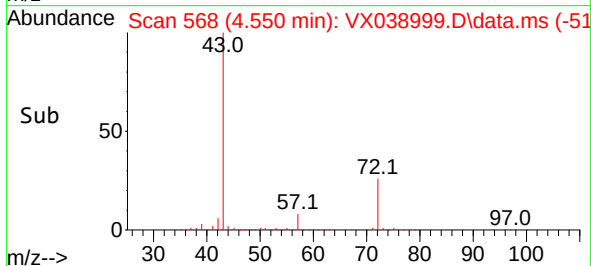
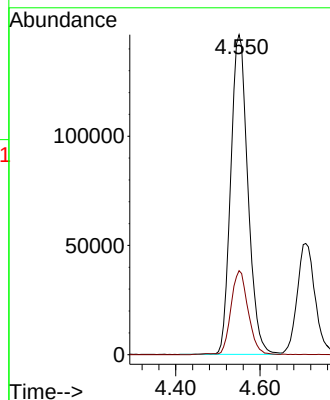
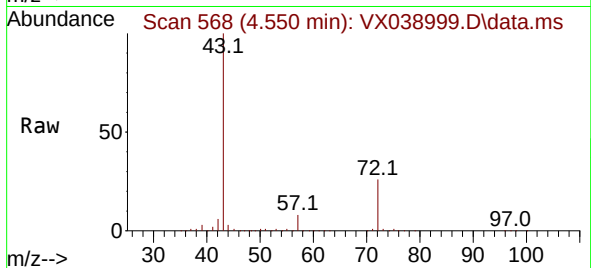
72 26.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#26

2,2-Dichloropropane

Concen: 48.160 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038999.D

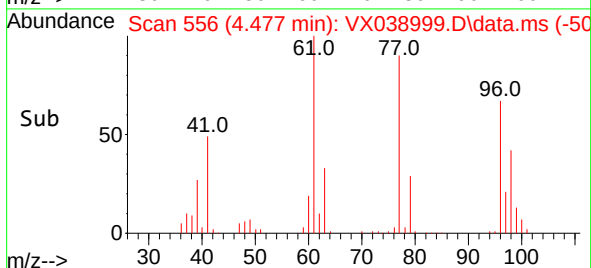
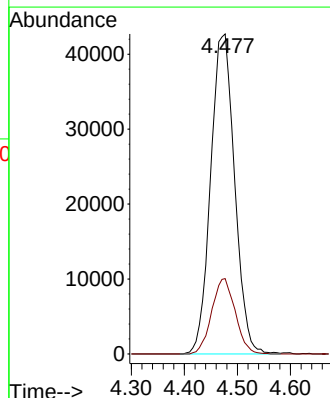
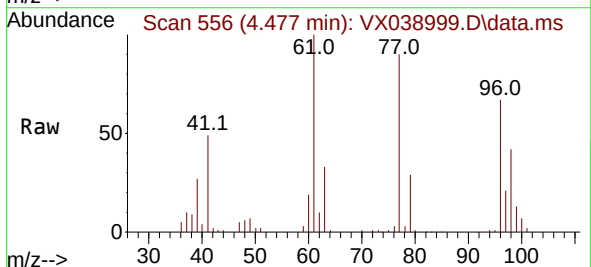
Acq: 22 Nov 2023 13:41

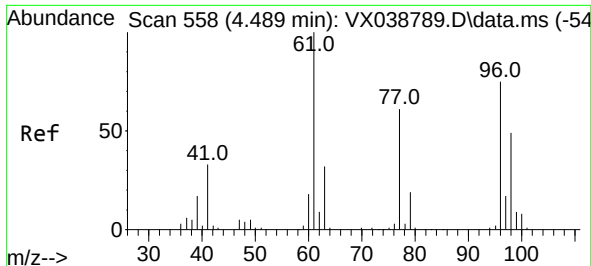
Tgt Ion: 77 Resp: 134188

Ion Ratio Lower Upper

77 100

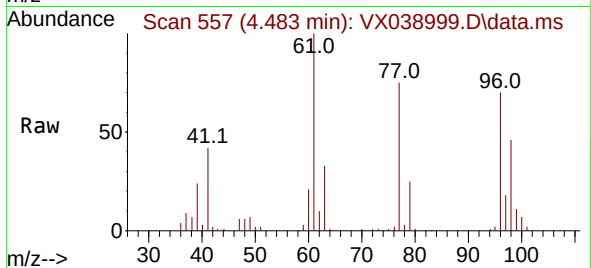
97 23.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.707 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

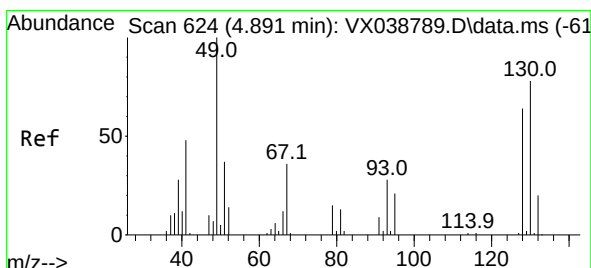
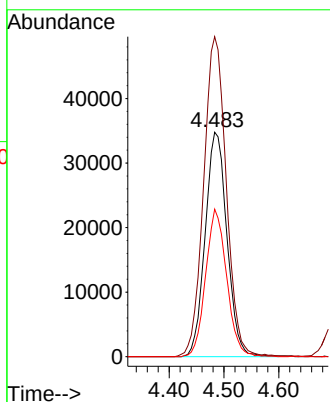
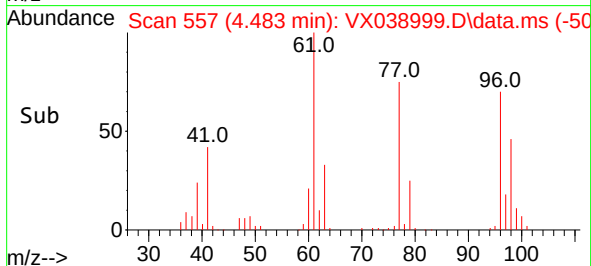
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 95950
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 312.2
 98 63.4 0.0 129.0

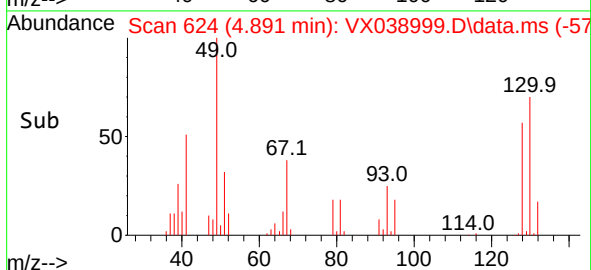
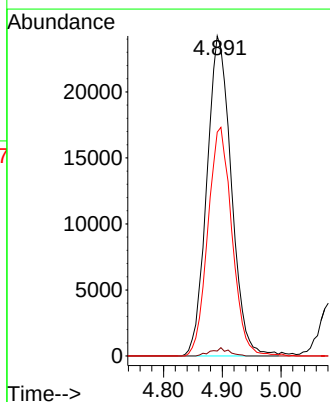
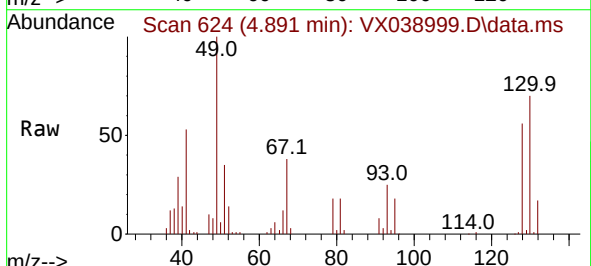
Manual Integrations
 APPROVED

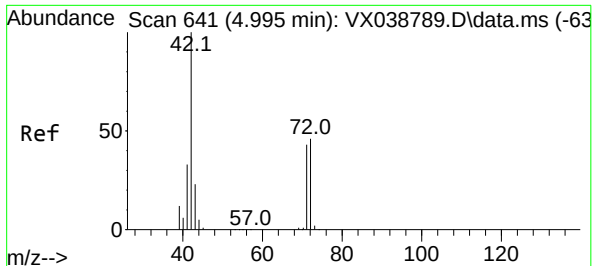
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 45.606 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

Tgt Ion: 49 Resp: 70334
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 239.389 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 265290

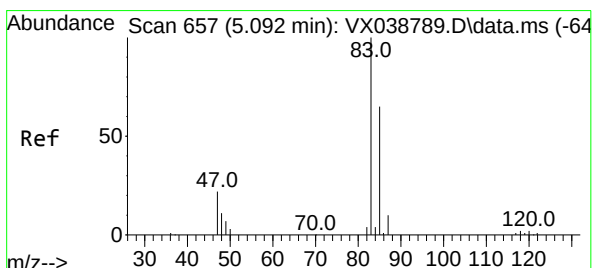
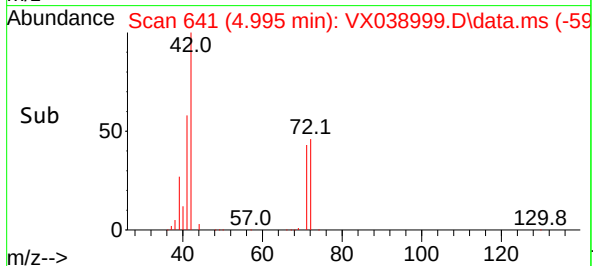
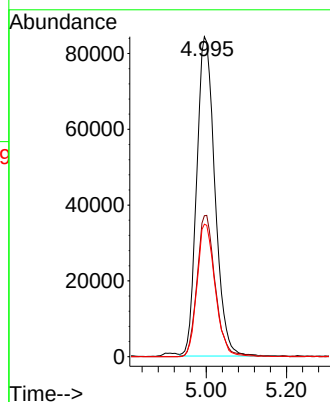
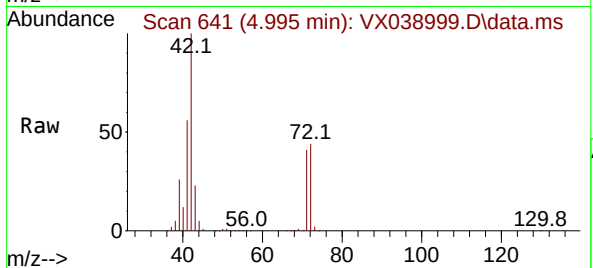
Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.2	51.4
71	41.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 49.156 ug/l

RT: 5.093 min Scan# 657

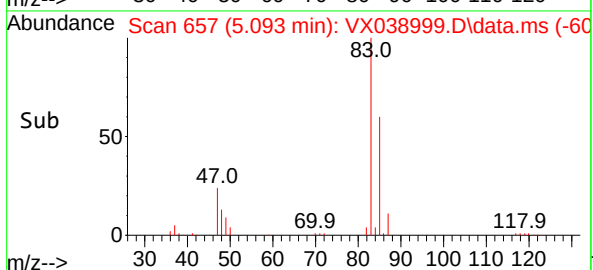
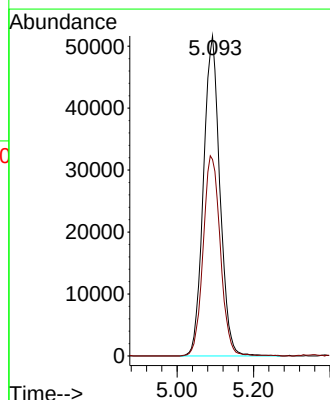
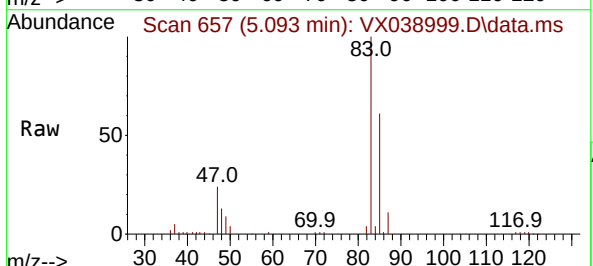
Delta R.T. 0.000 min

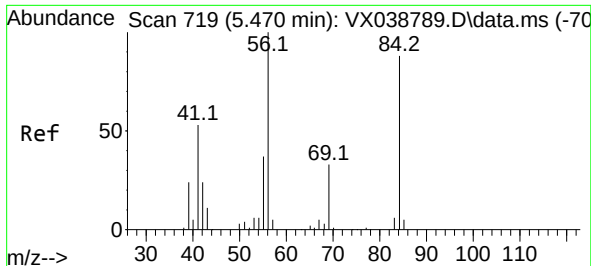
Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion: 83 Resp: 154179

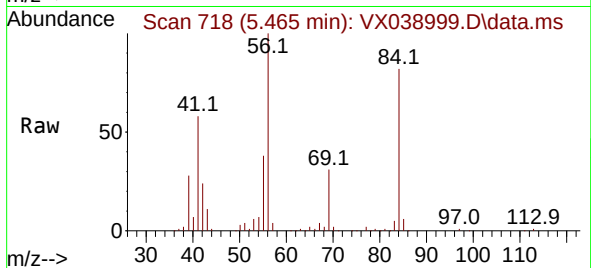
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.3	75.5





#31
Cyclohexane
Concen: 49.115 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

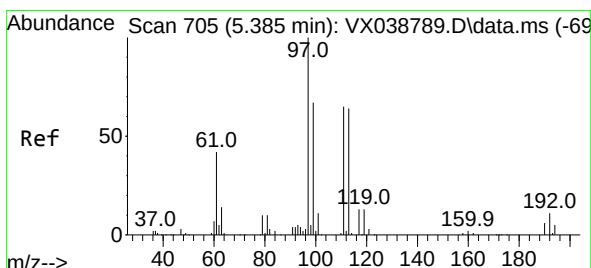
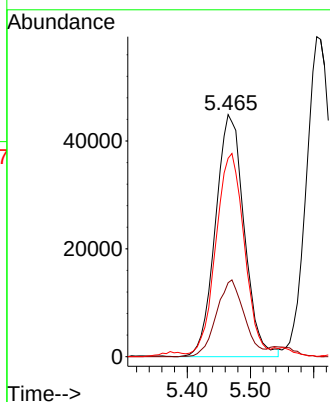
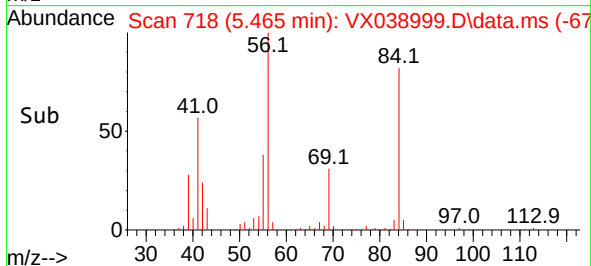
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 141778
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 80.1 65.9 98.9

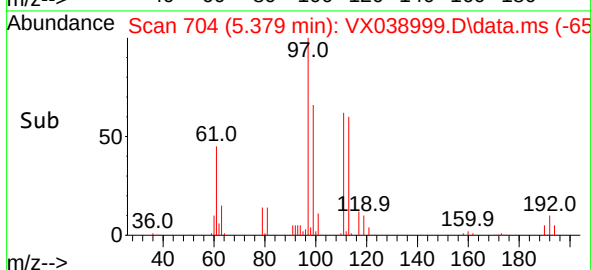
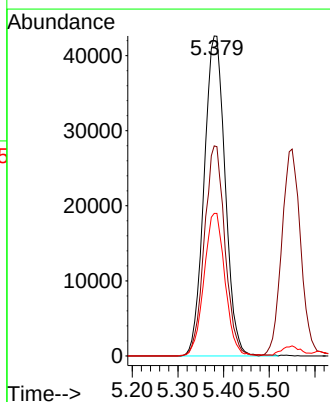
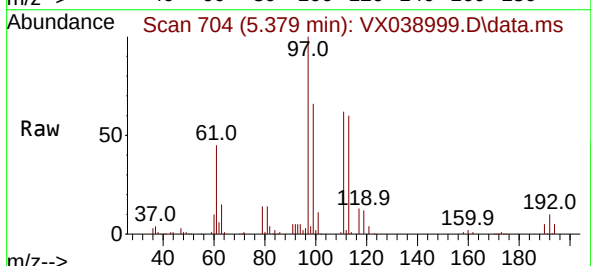
Manual Integrations
APPROVED

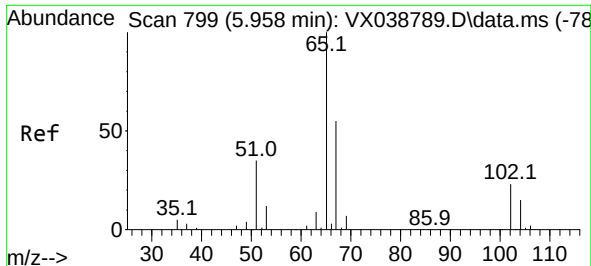
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 50.204 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 97 Resp: 136391
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 44.5 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.445 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

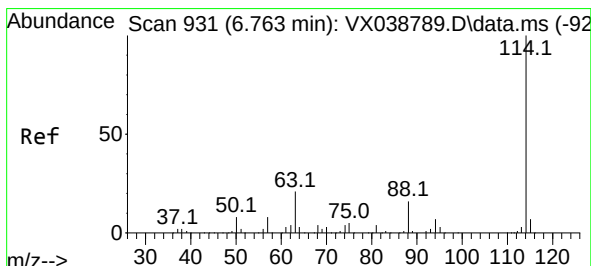
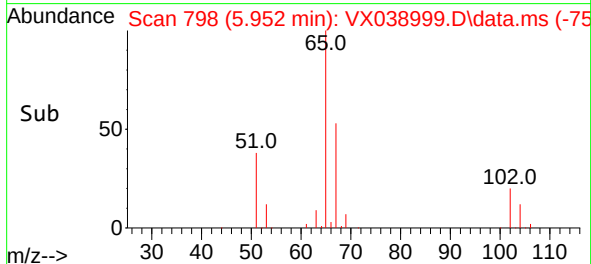
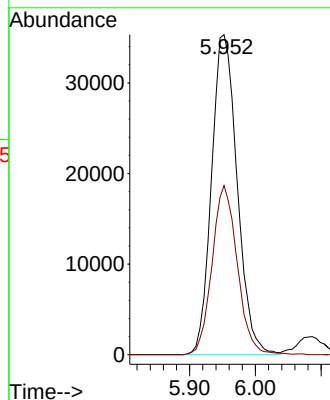
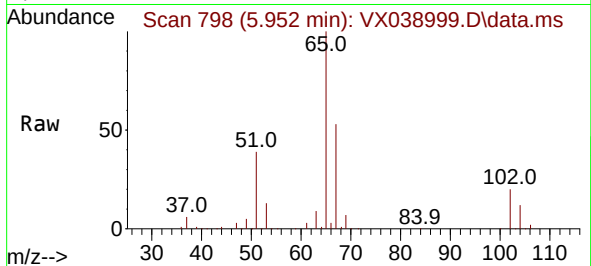
VSTDCCC050

Tgt Ion: 65 Resp: 95924
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

Manual Integrations

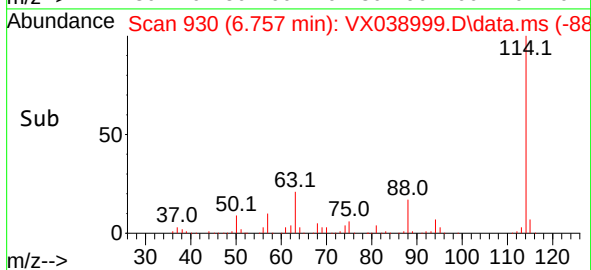
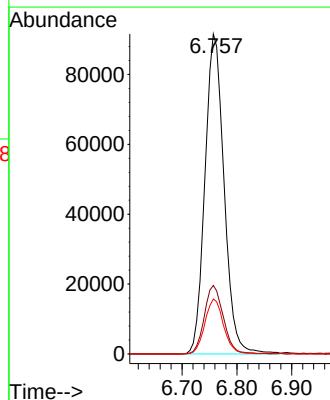
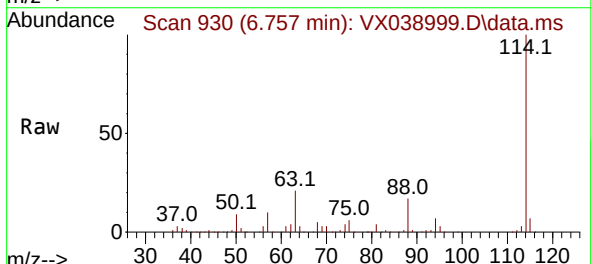
APPROVED

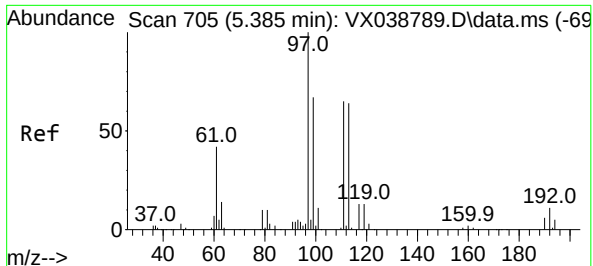
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:114 Resp: 221705
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.2 0.0 36.6





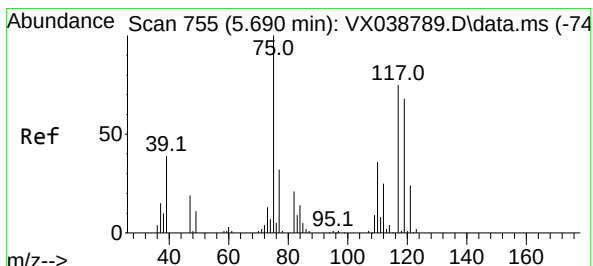
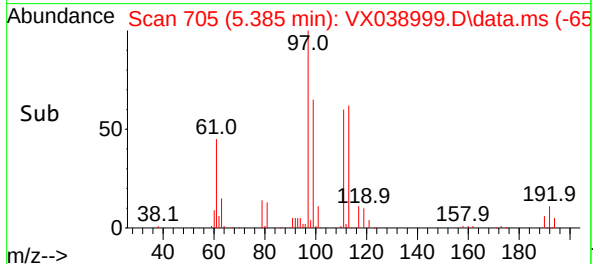
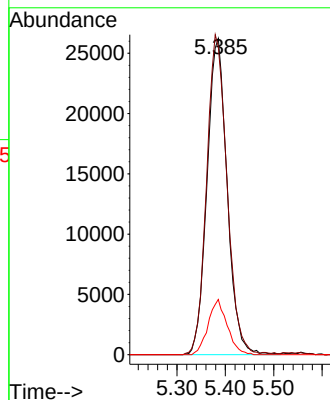
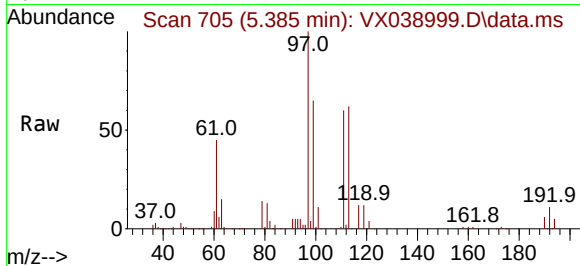
#35
Dibromofluoromethane
Concen: 47.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 7594
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 16.5 13.3 19.9

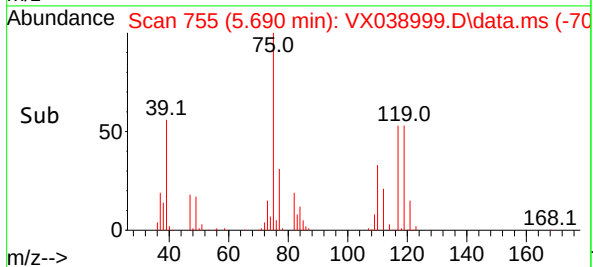
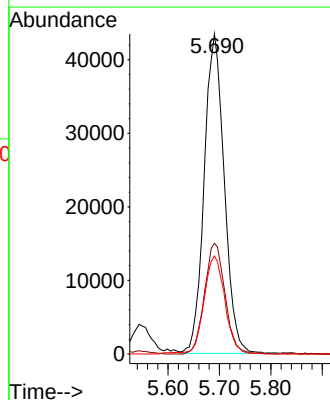
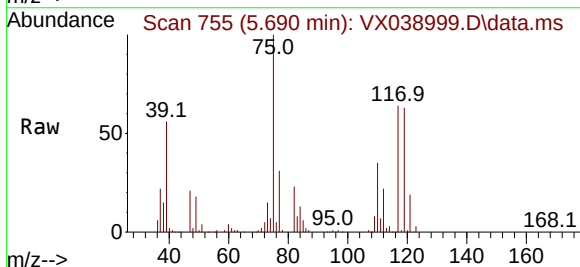
Manual Integrations
APPROVED

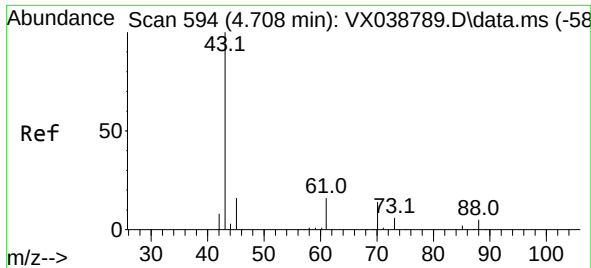
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#36
1,1-Dichloropropene
Concen: 51.241 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 75 Resp: 117592
Ion Ratio Lower Upper
75 100
110 35.3 17.0 50.9
77 32.1 24.7 37.1





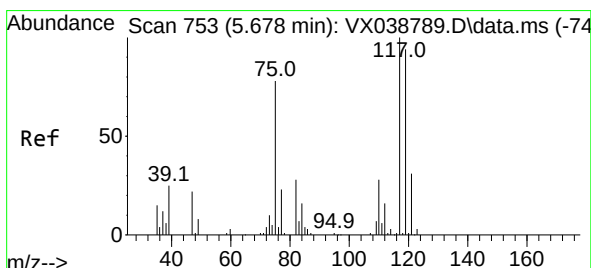
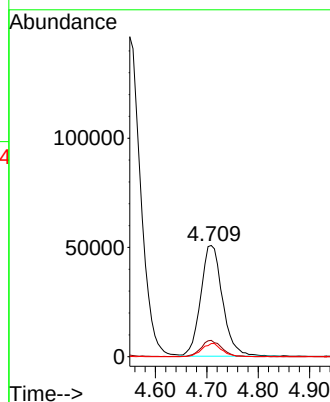
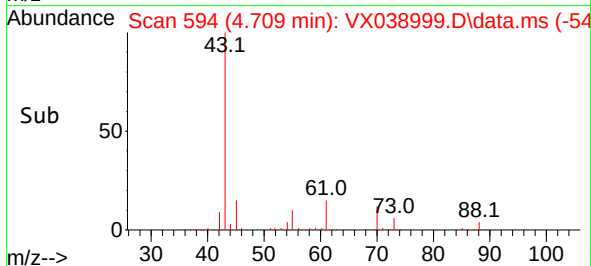
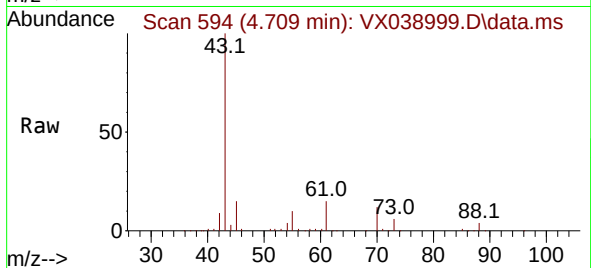
#37
Ethyl Acetate
Concen: 50.103 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 149802
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 11.0 8.3 12.5

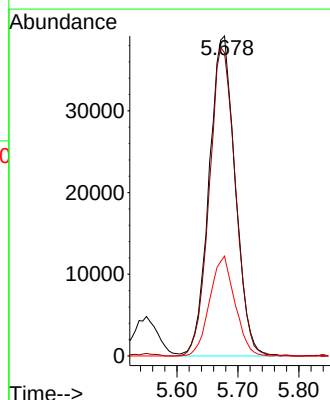
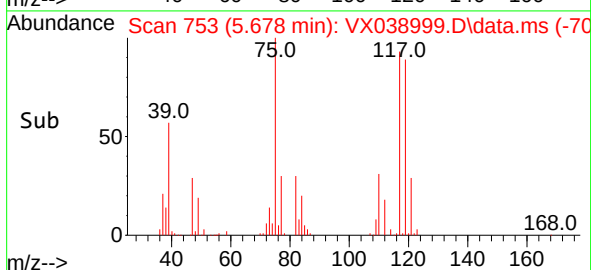
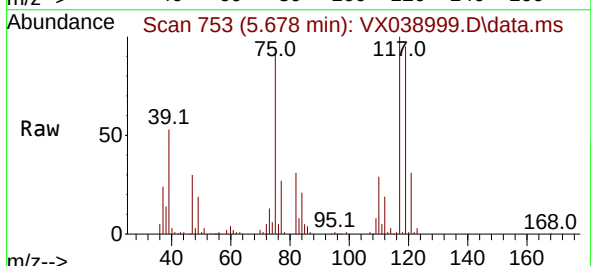
Manual Integrations
APPROVED

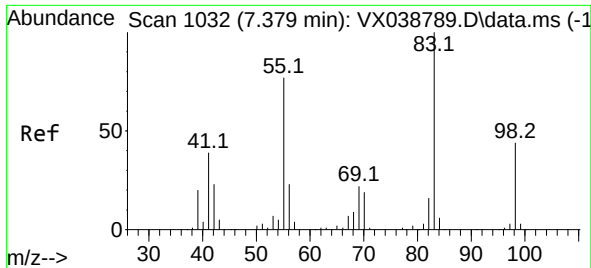
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#38
Carbon Tetrachloride
Concen: 54.901 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:117 Resp: 116446
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.2
121 31.2 24.4 36.6





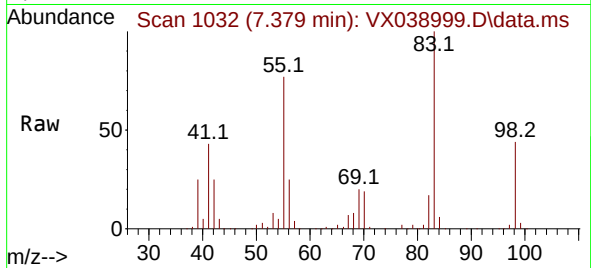
#39
Methylcyclohexane
Concen: 51.043 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



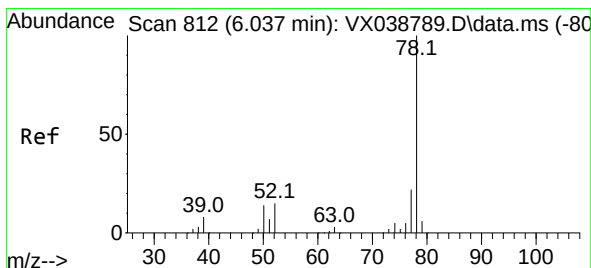
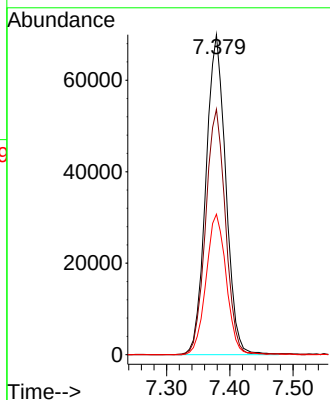
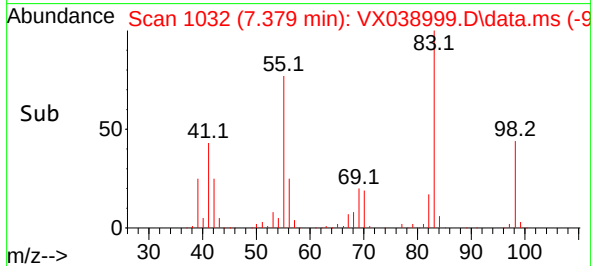
Tgt Ion: 83 Resp: 152795
Ion Ratio Lower Upper
83 100
55 76.5 64.6 97.0
98 43.9 36.7 55.1

Manual Integrations

APPROVED

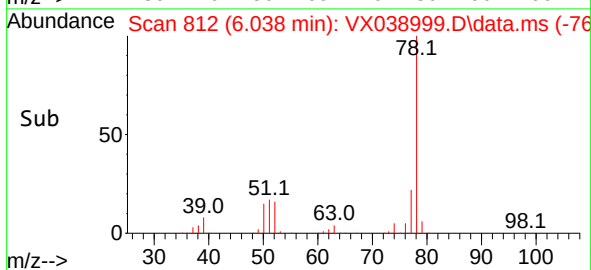
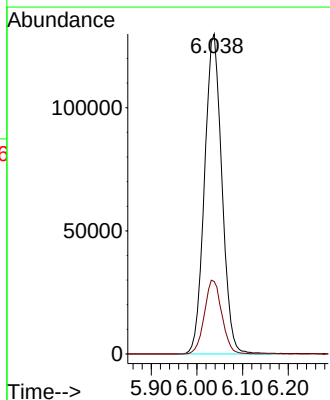
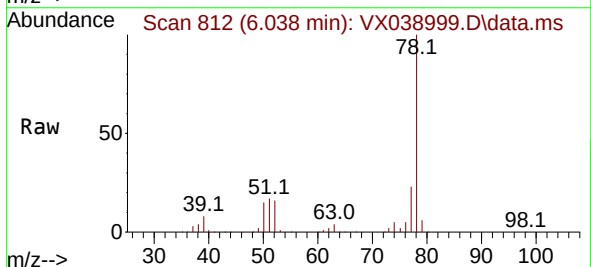
Reviewed By :John Carlone 11/24/2023

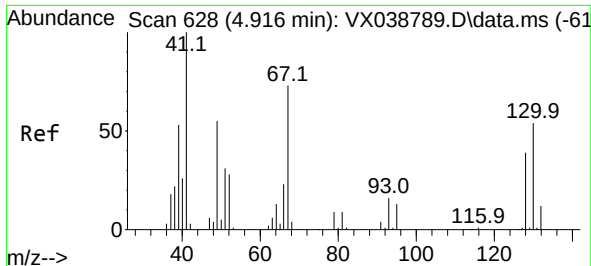
Supervised By :Mahesh Dadoda 11/24/2023



#40
Benzene
Concen: 50.587 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 78 Resp: 343367
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





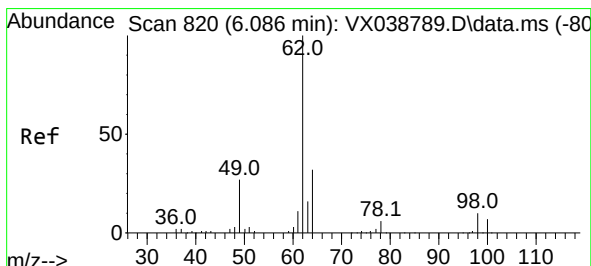
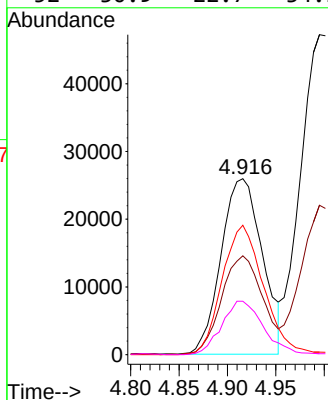
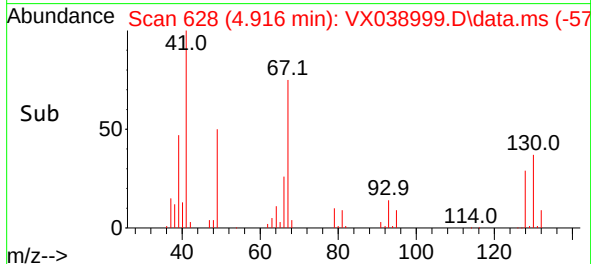
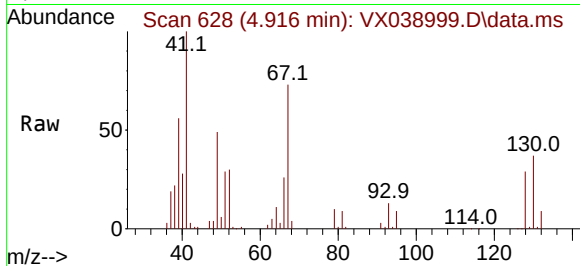
#41
Methacrylonitrile
Concen: 49.790 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 77210
Ion Ratio	Lower Upper
41 100	
39 56.1	45.2 67.8
67 74.2	52.6 78.8
52 30.9	22.7 34.1

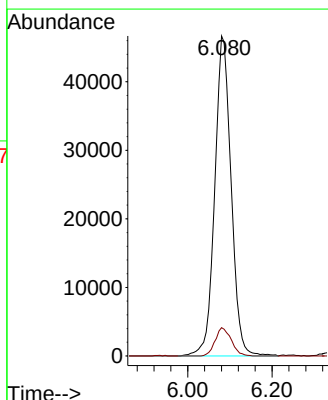
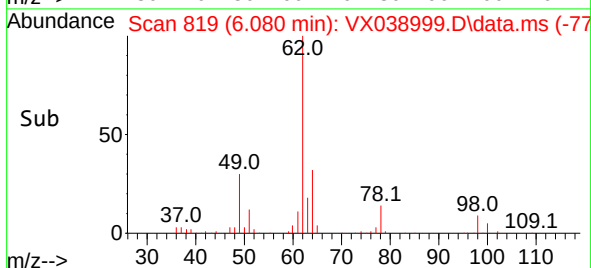
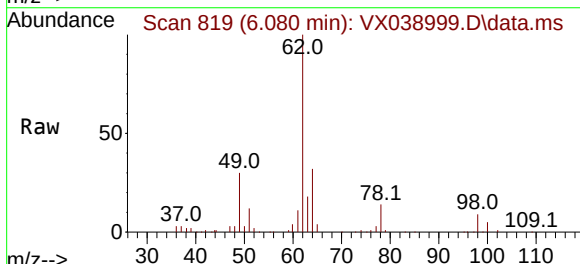
Manual Integrations
APPROVED

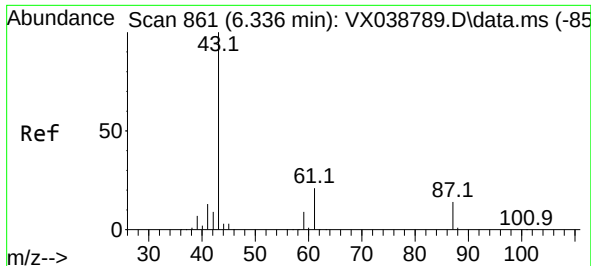
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 55.882 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

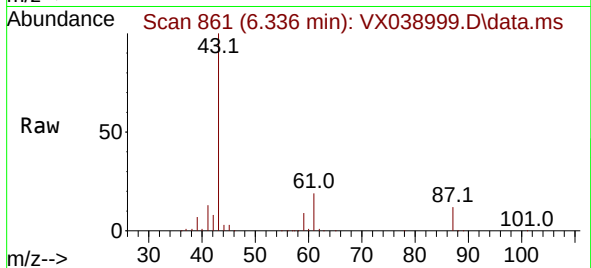
Tgt Ion: 62	Resp: 125671
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 16.0





#43
Isopropyl Acetate
Concen: 50.401 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

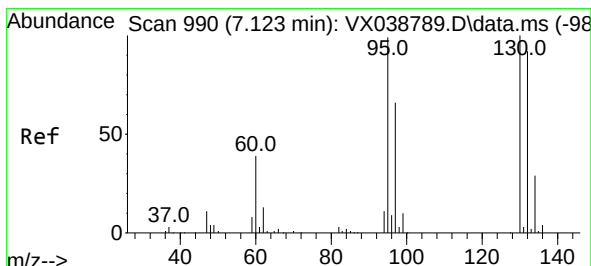
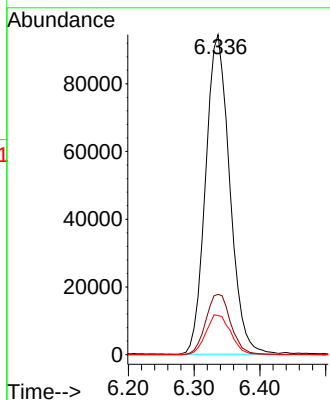
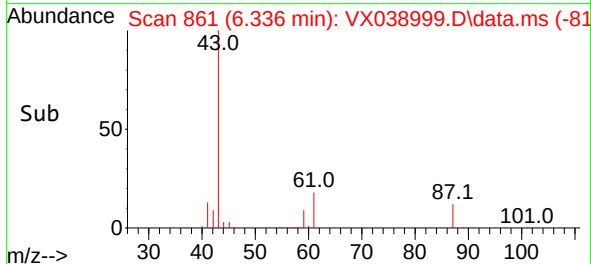
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



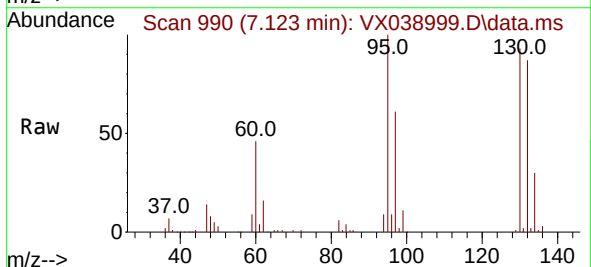
Tgt Ion: 43 Resp: 240829
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.8 9.8 14.6

Manual Integrations
APPROVED

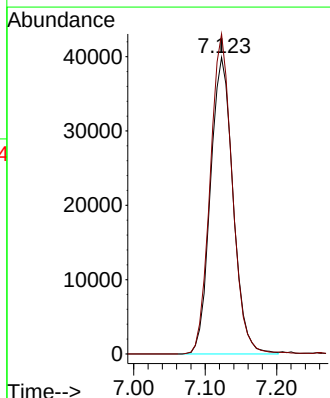
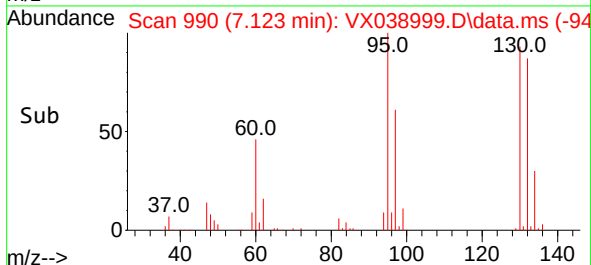
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

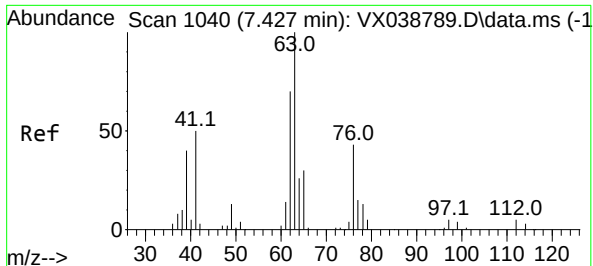


#44
Trichloroethene
Concen: 53.024 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion:130 Resp: 87605
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.4





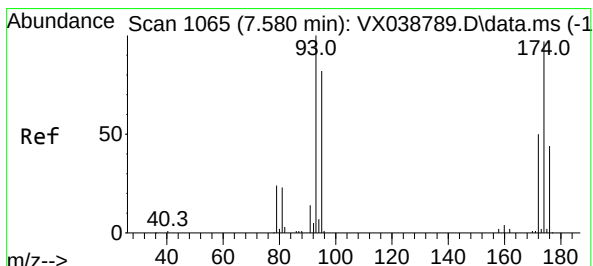
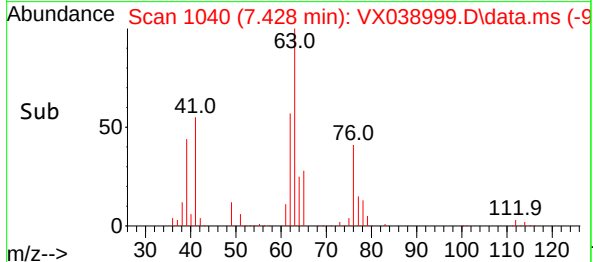
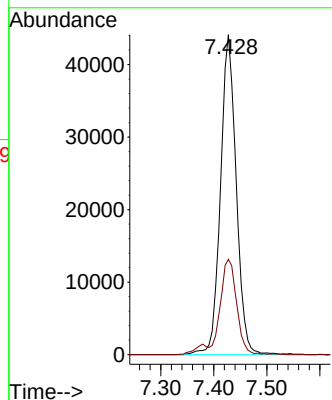
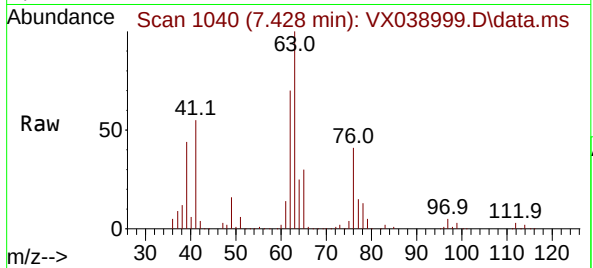
#45
1,2-Dichloropropane
Concen: 49.771 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 90912
Ion Ratio Lower Upper
63 100
65 29.7 24.3 36.5

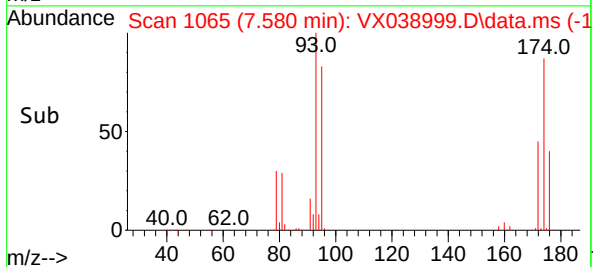
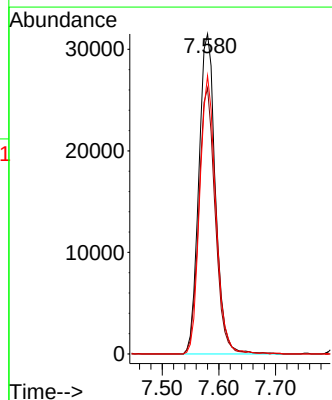
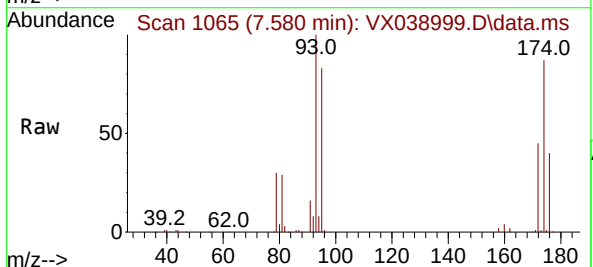
Manual Integrations
APPROVED

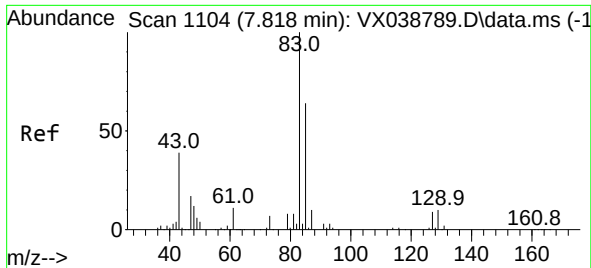
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#46
Dibromomethane
Concen: 52.525 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 93 Resp: 63981
Ion Ratio Lower Upper
93 100
95 81.9 66.6 100.0
174 84.3 69.4 104.0





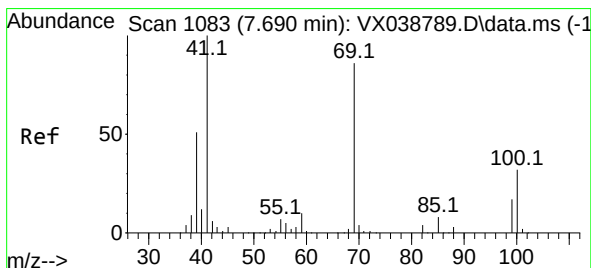
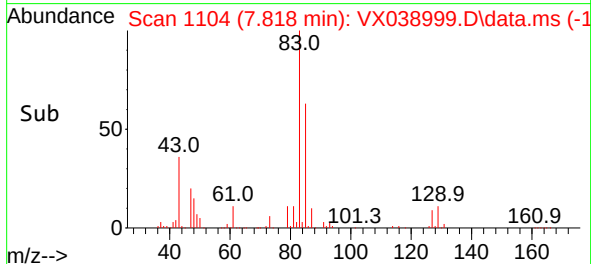
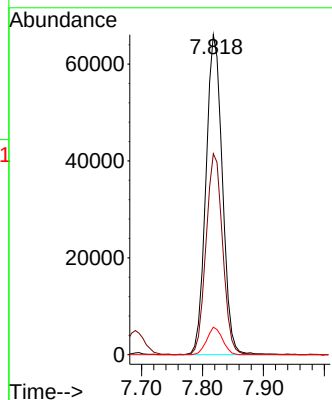
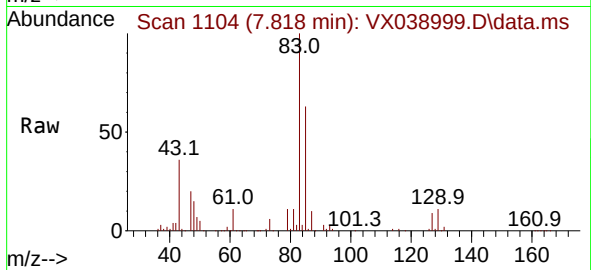
#47
Bromodichloromethane
Concen: 51.135 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12362
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 8.6 7.1 10.7

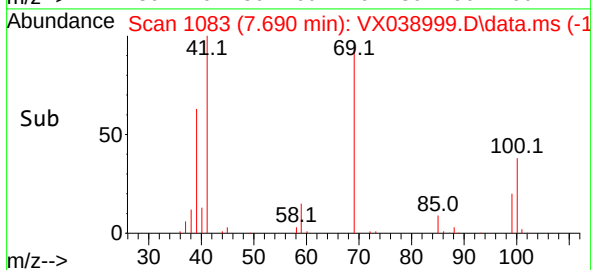
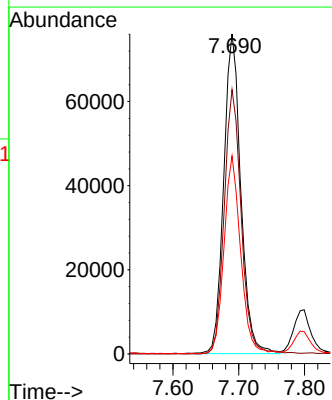
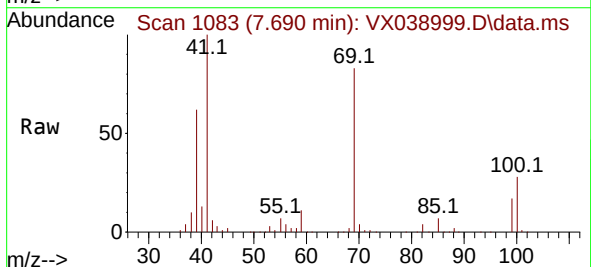
Manual Integrations
APPROVED

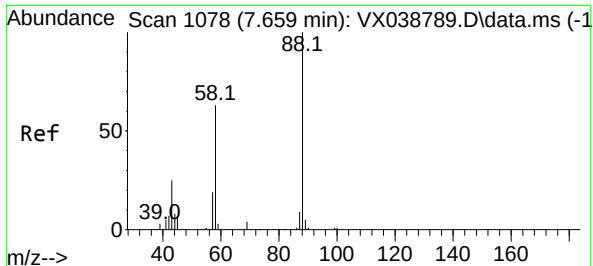
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#48
Methyl methacrylate
Concen: 59.324 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 41 Resp: 137536
Ion Ratio Lower Upper
41 100
69 82.5 59.2 88.8
39 60.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1003.609 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

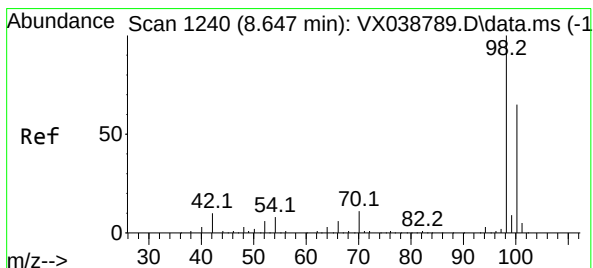
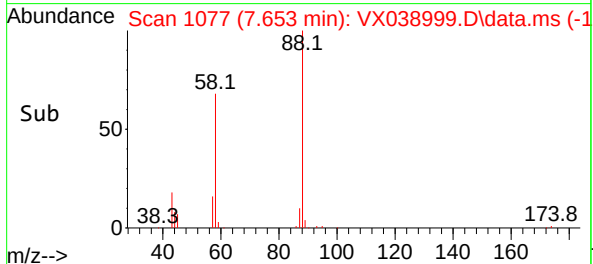
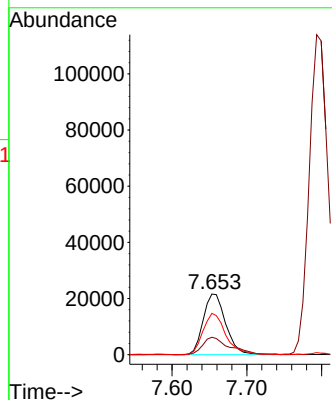
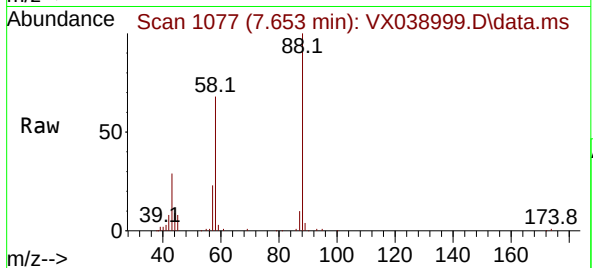
Tgt Ion: 88 Resp: 45014
 Ion Ratio Lower Upper
 88 100
 43 35.0 0.0 0.0
 58 69.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#50

Toluene-d8

Concen: 45.673 ug/l

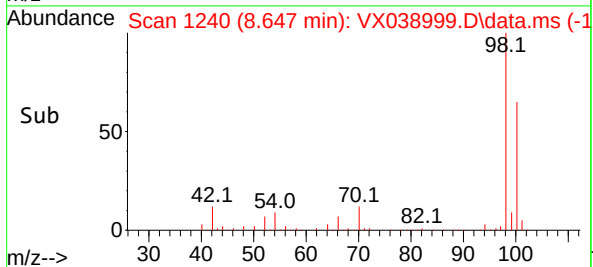
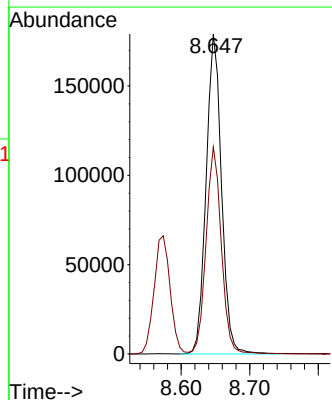
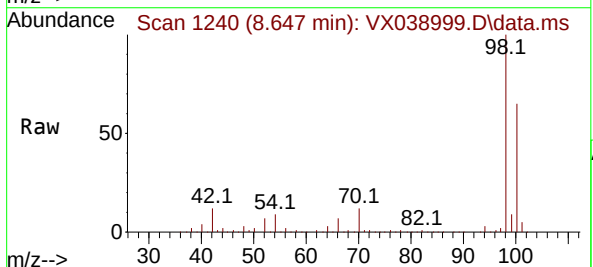
RT: 8.647 min Scan# 1240

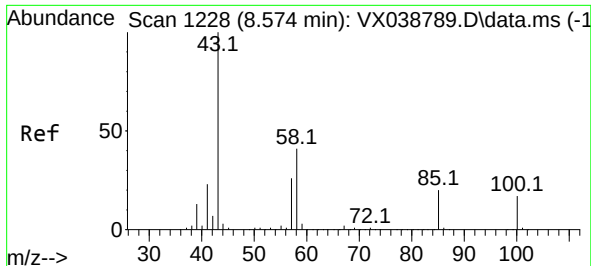
Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion: 98 Resp: 279805
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





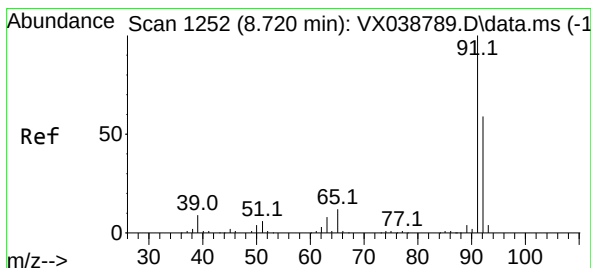
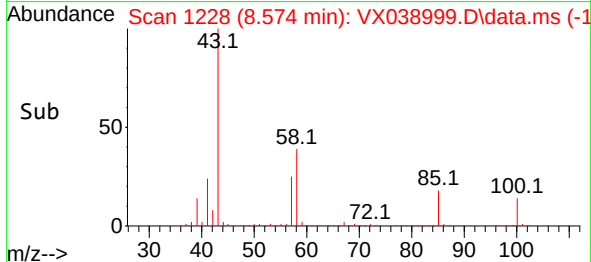
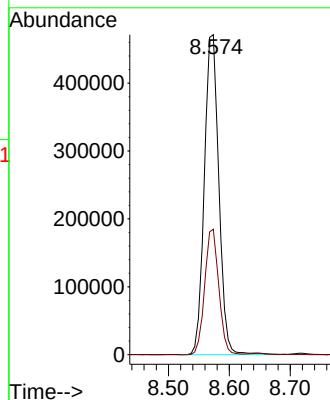
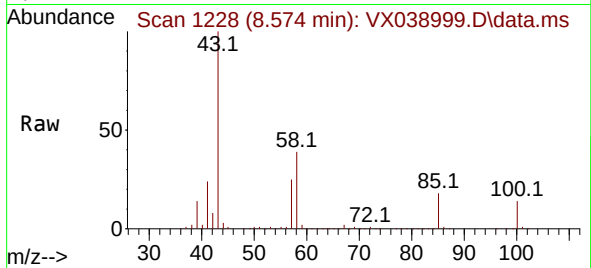
#51
4-Methyl-2-Pentanone
Concen: 255.883 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 781364
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

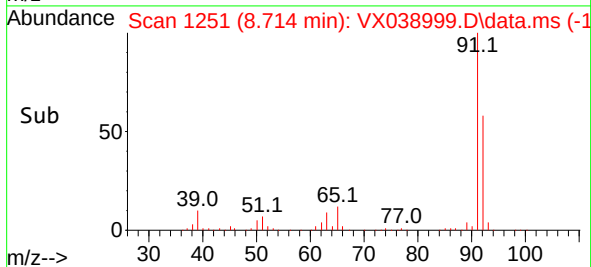
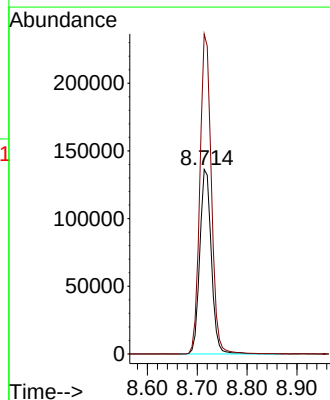
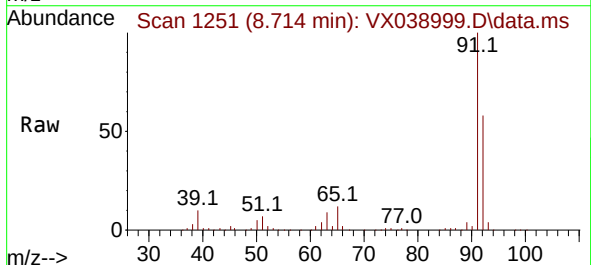
Manual Integrations
APPROVED

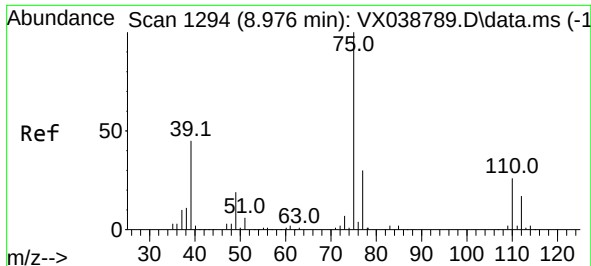
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 51.954 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion: 92 Resp: 218835
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.927 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 14344

Ion Ratio Lower Upper

75 100

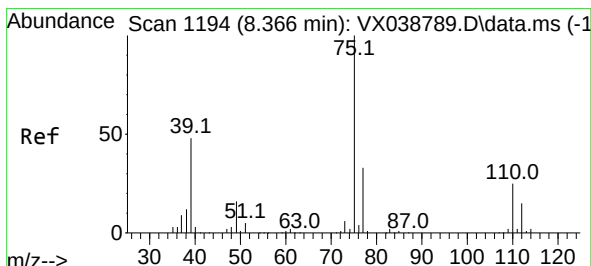
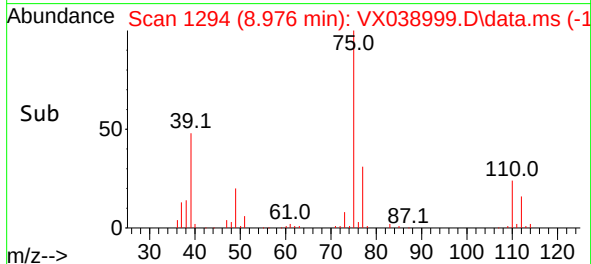
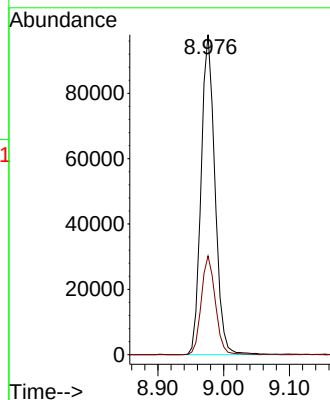
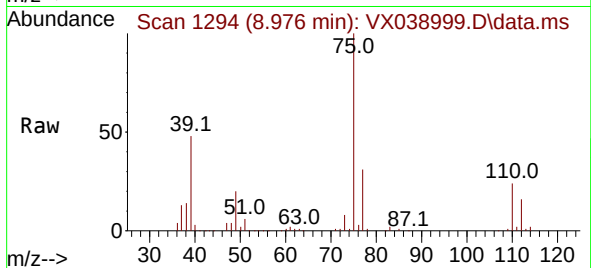
77 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#54

cis-1,3-Dichloropropene

Concen: 50.727 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

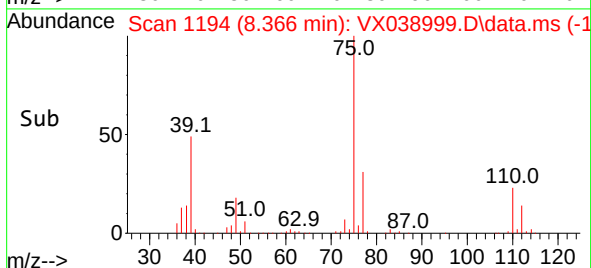
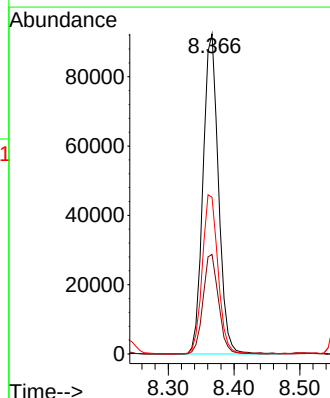
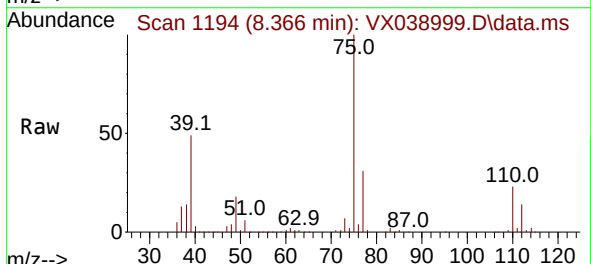
Tgt Ion: 75 Resp: 150544

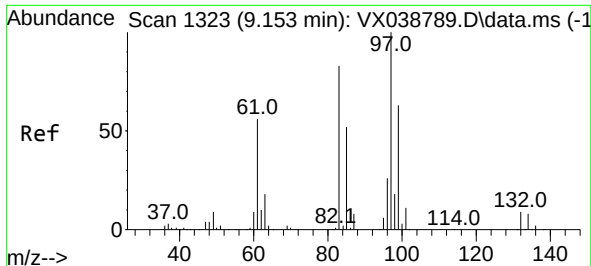
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 48.8 46.7 70.1





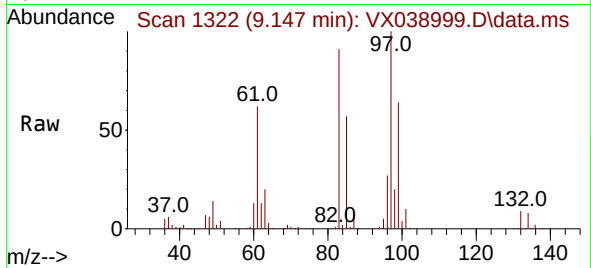
#55
1,1,2-Trichloroethane
Concen: 50.343 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



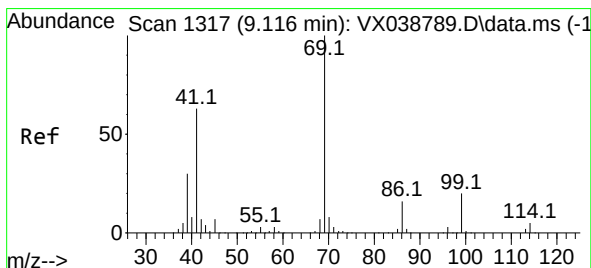
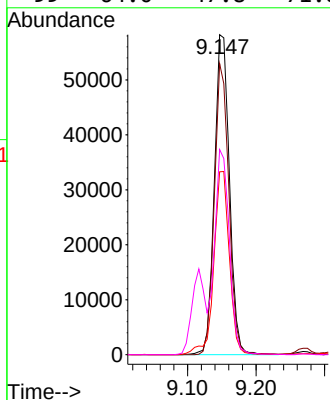
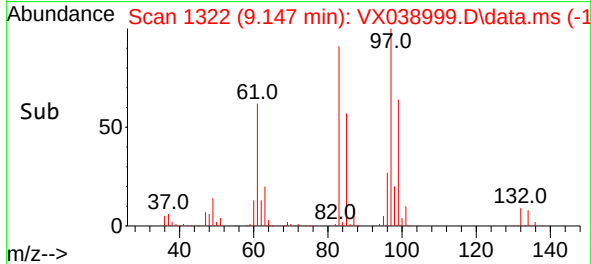
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.8	98.8
85	57.2	41.6	62.4
99	64.0	47.8	71.8

Manual Integrations

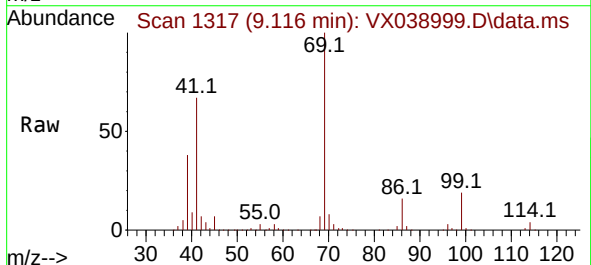
APPROVED

Reviewed By :John Carlone 11/24/2023

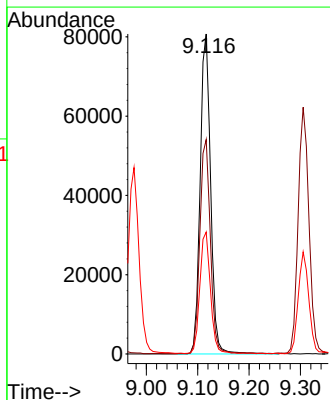
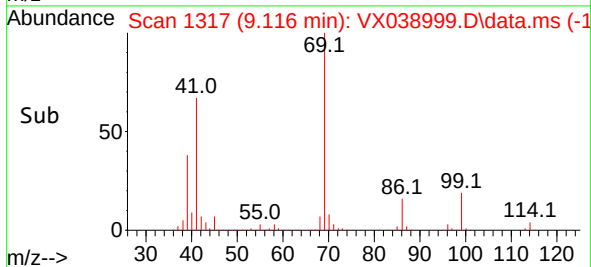
Supervised By :Mahesh Dadoda 11/24/2023

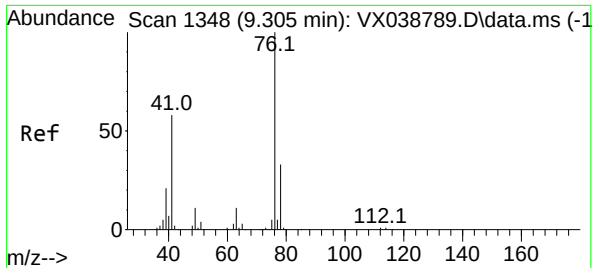


#56
Ethyl methacrylate
Concen: 38.236 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.8	85.2
39	38.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.773 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 150484

Ion Ratio Lower Upper

76 100

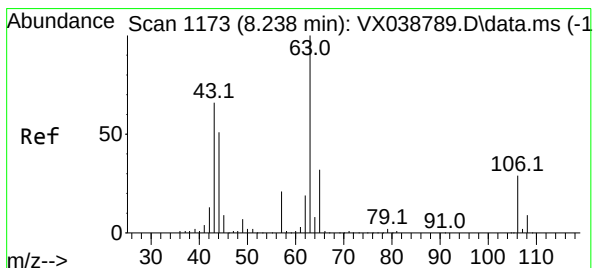
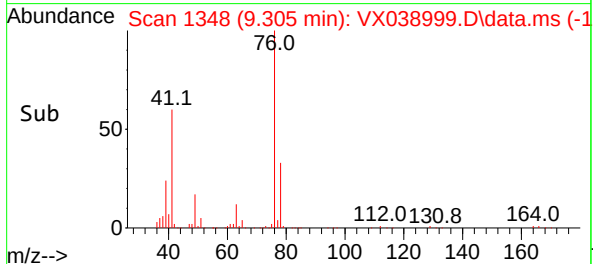
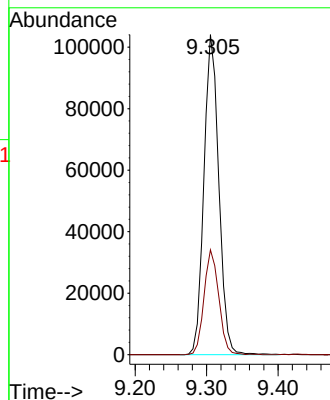
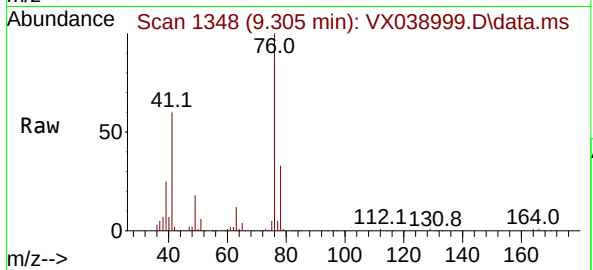
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 227.869 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038999.D

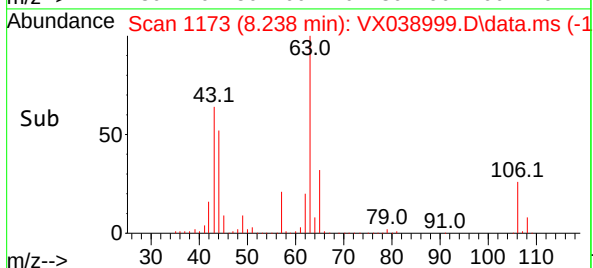
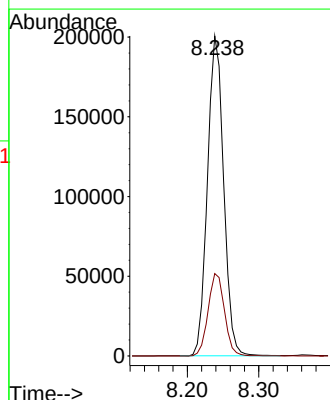
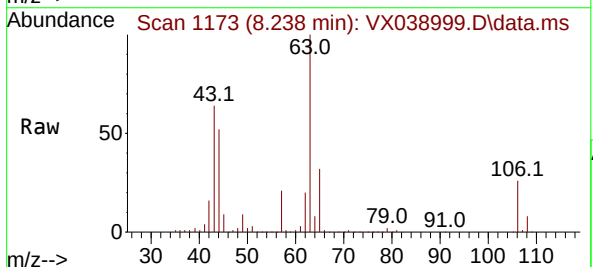
Acq: 22 Nov 2023 13:41

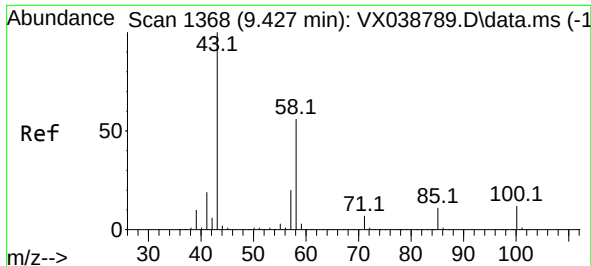
Tgt Ion: 63 Resp: 315655

Ion Ratio Lower Upper

63 100

106 26.1 22.5 33.7





#59

2-Hexanone

Concen: 257.870 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 631148

Ion Ratio Lower Upper

43 100

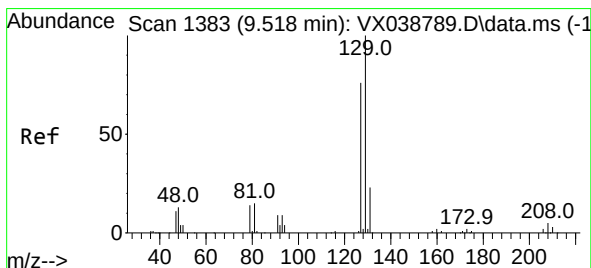
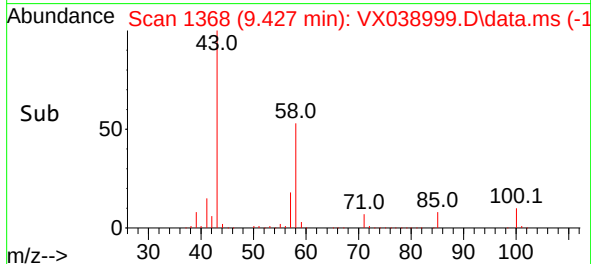
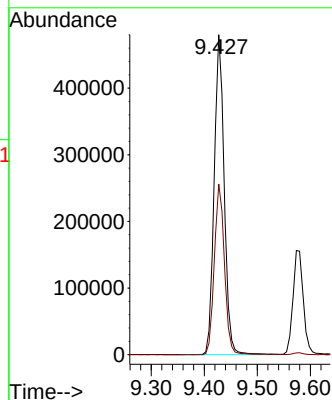
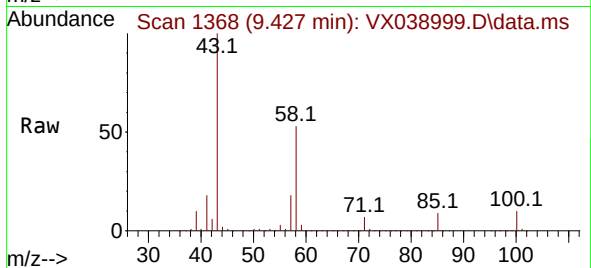
58 54.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#60

Dibromochloromethane

Concen: 52.817 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038999.D

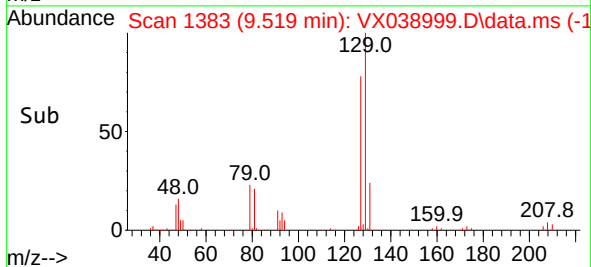
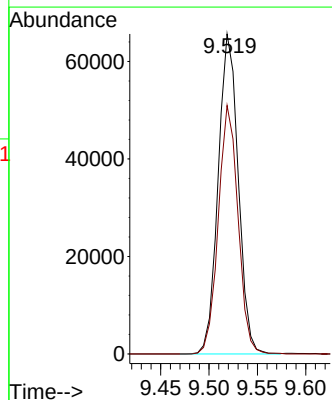
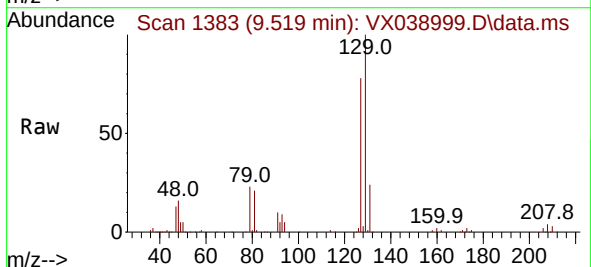
Acq: 22 Nov 2023 13:41

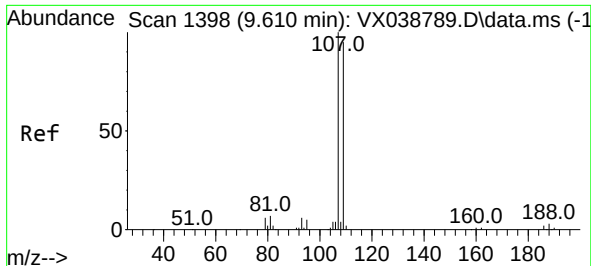
Tgt Ion:129 Resp: 94385

Ion Ratio Lower Upper

129 100

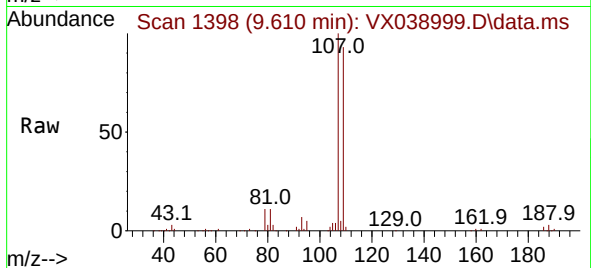
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.014 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

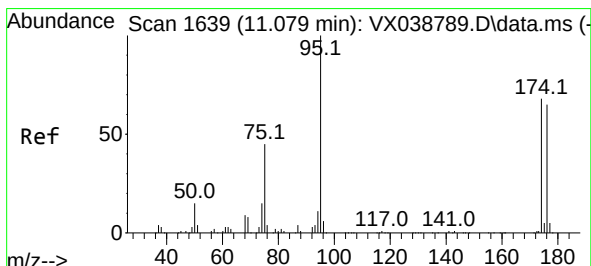
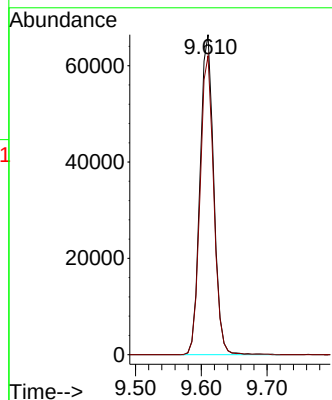
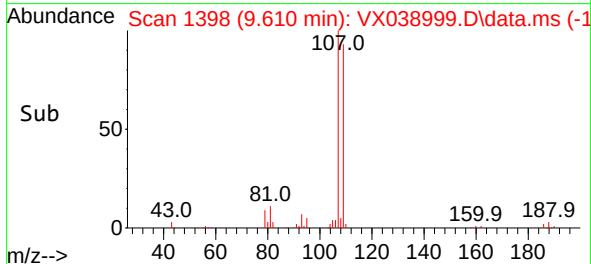
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



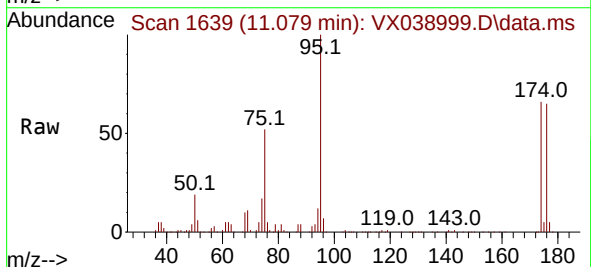
Tgt Ion:107 Resp: 95920
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

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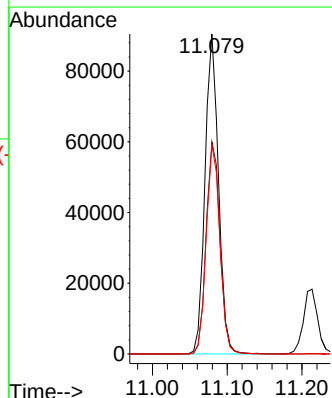
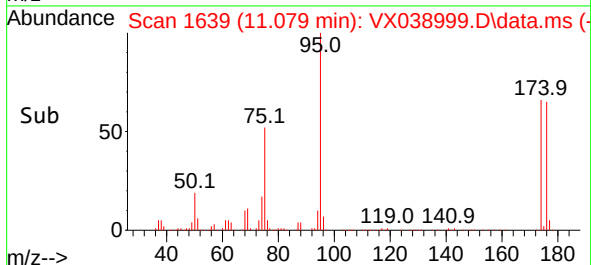
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

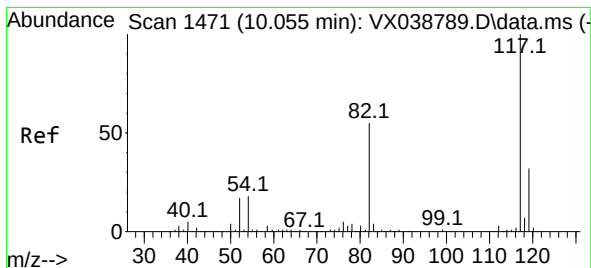


#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



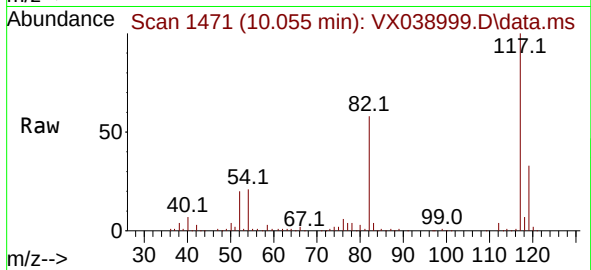
Tgt Ion: 95 Resp: 113142
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 66.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

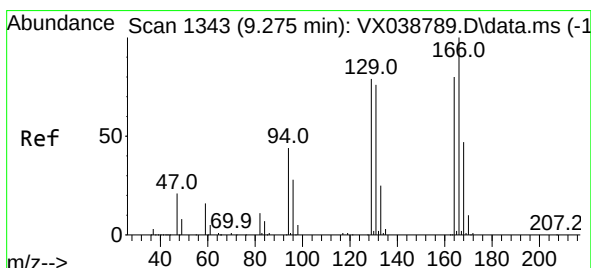
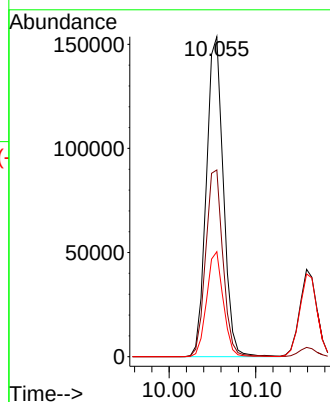
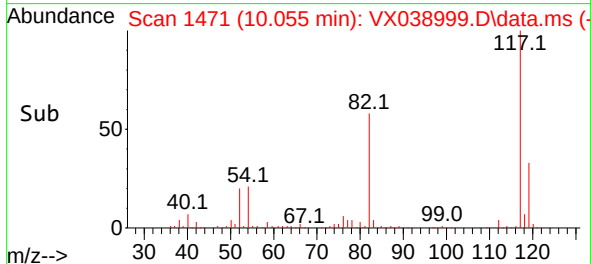
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20954
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.8 25.5 38.3

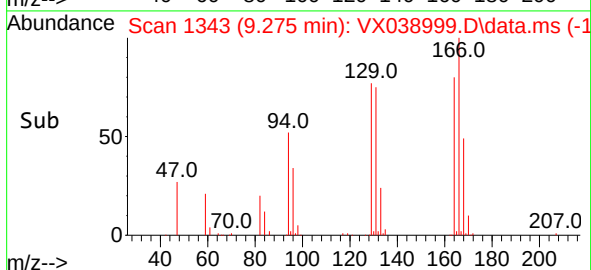
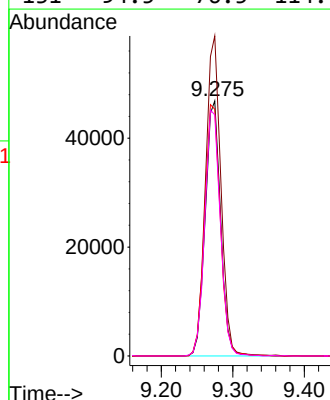
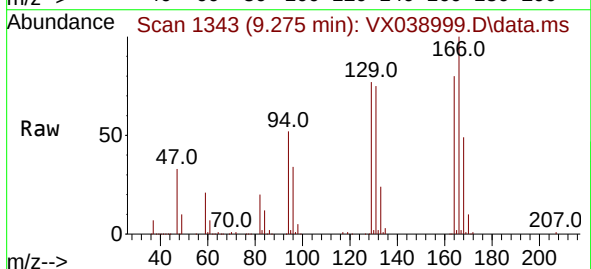
Manual Integrations
APPROVED

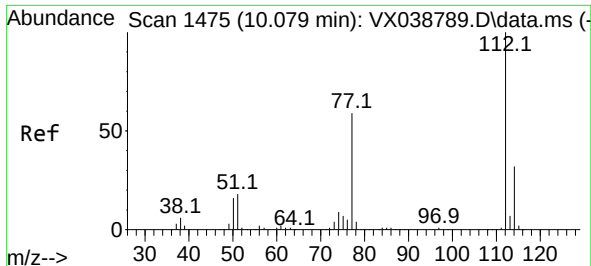
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 53.807 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:164 Resp: 70083
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 96.7 80.4 120.6
131 94.5 76.5 114.7





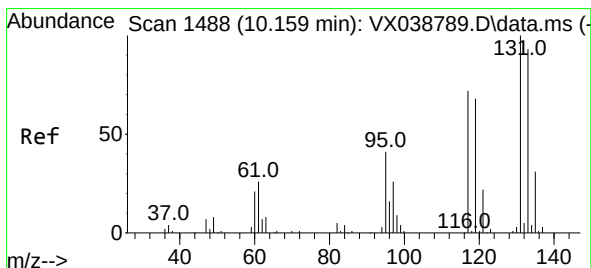
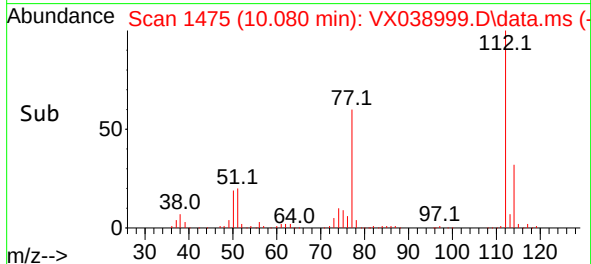
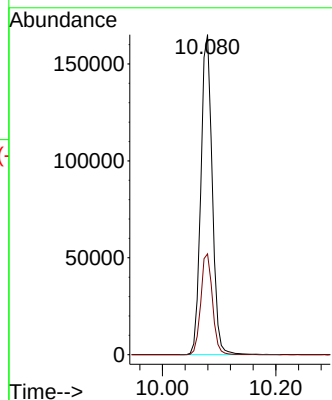
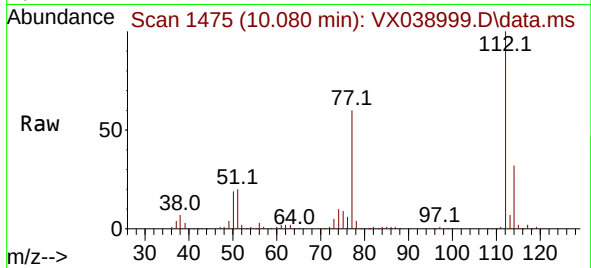
#65
Chlorobenzene
Concen: 50.767 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 229149
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

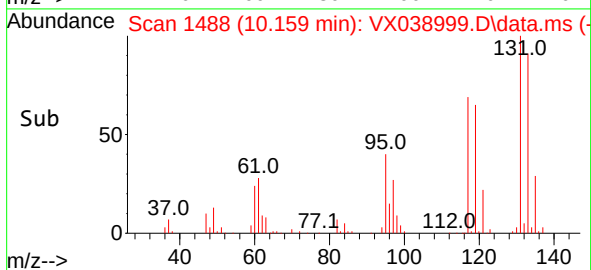
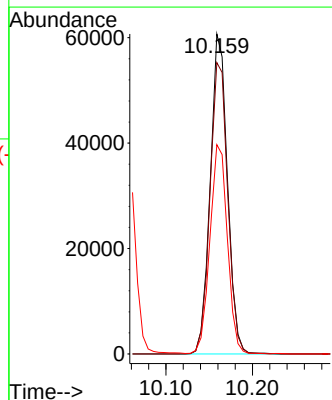
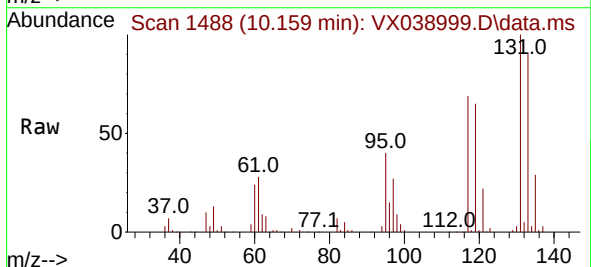
Manual Integrations
APPROVED

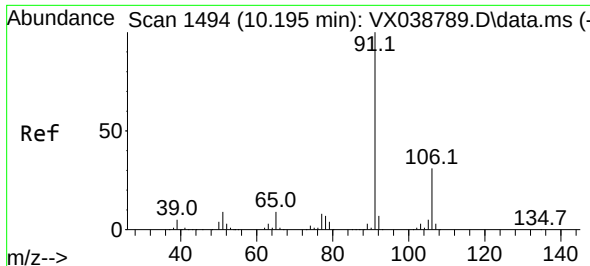
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.503 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:131 Resp: 83625
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 66.6 32.2 96.6





#67

Ethyl Benzene

Concen: 52.167 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 432625

Ion Ratio Lower Upper

91 100

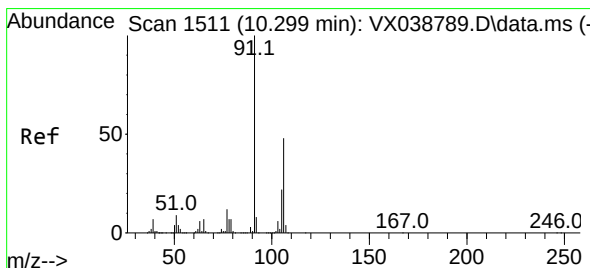
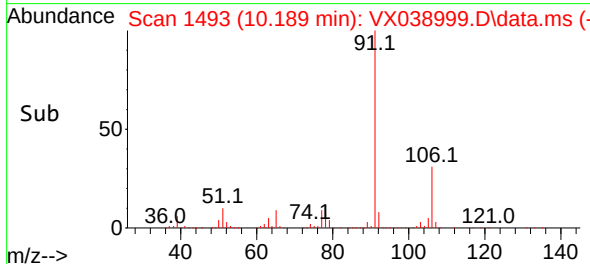
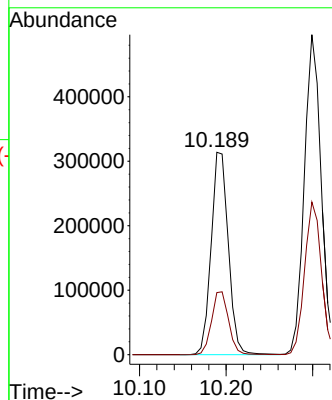
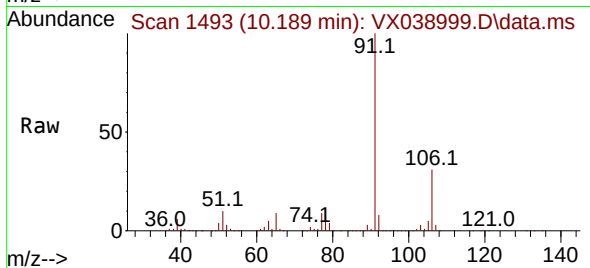
106 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#68

m/p-Xylenes

Concen: 102.654 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038999.D

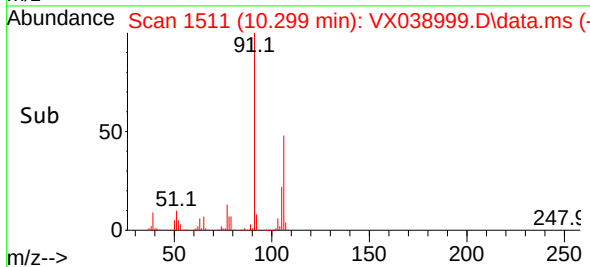
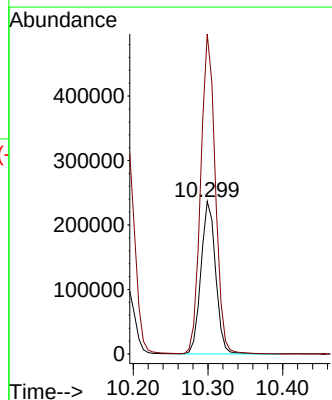
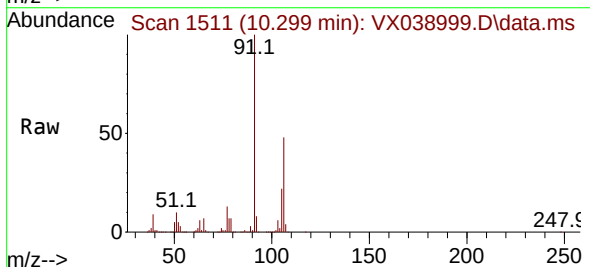
Acq: 22 Nov 2023 13:41

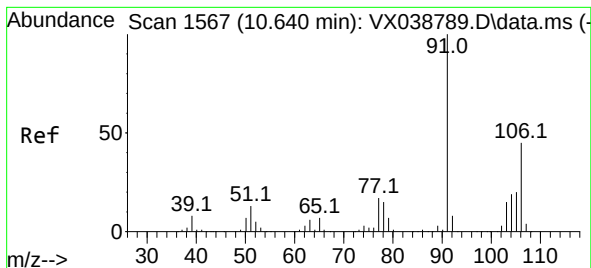
Tgt Ion:106 Resp: 322031

Ion Ratio Lower Upper

106 100

91 208.7 165.5 248.3





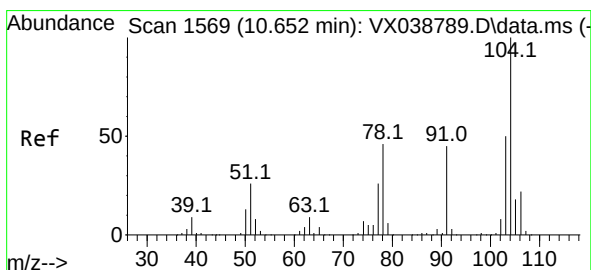
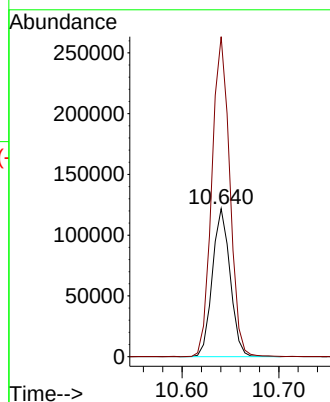
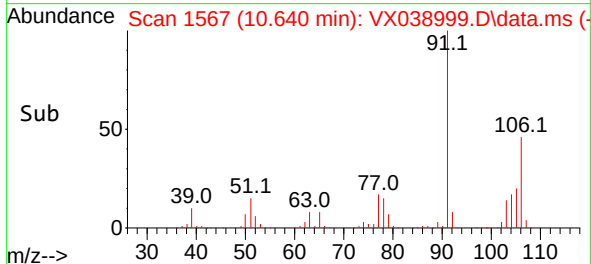
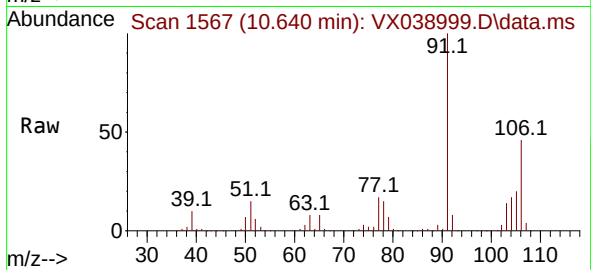
#69
o-Xylene
Concen: 50.096 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 155502
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8

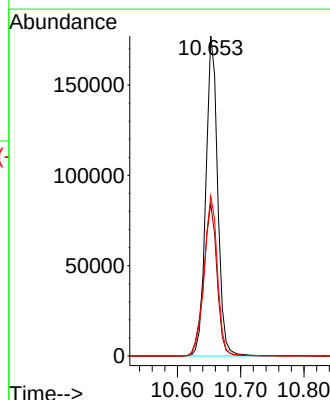
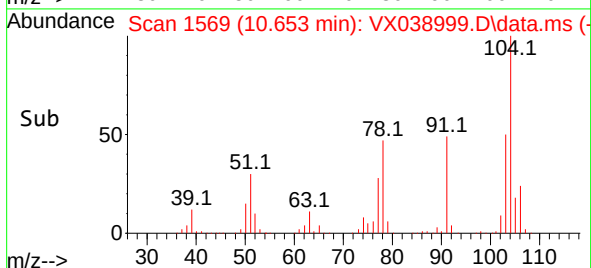
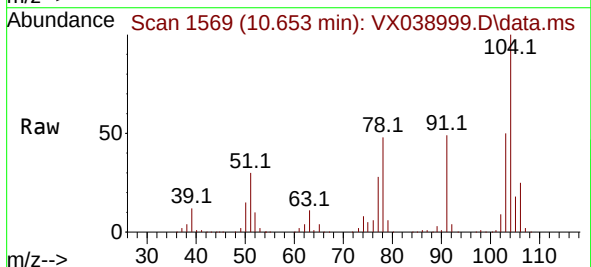
Manual Integrations
APPROVED

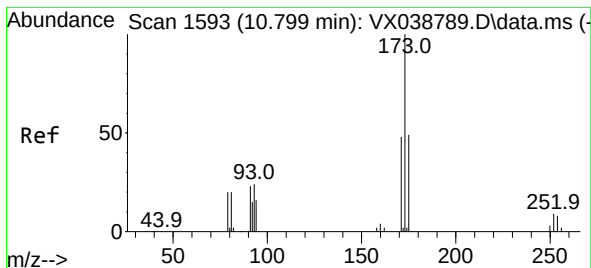
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 44.121 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:104 Resp: 231294
Ion Ratio Lower Upper
104 100
78 53.7 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 50.302 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

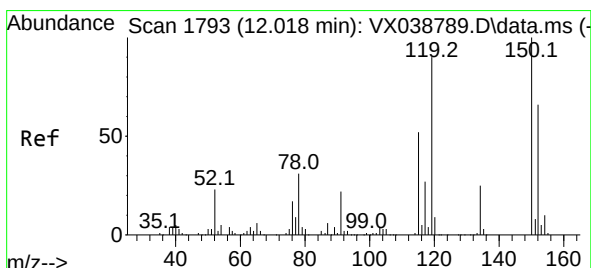
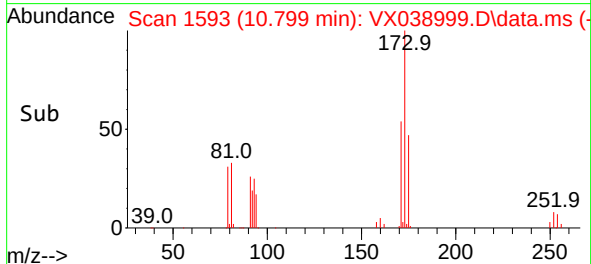
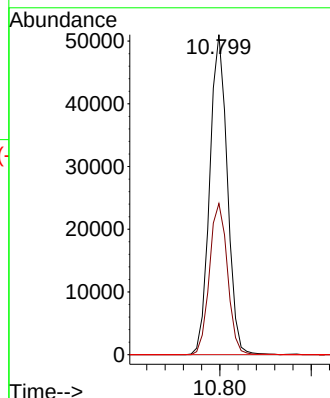
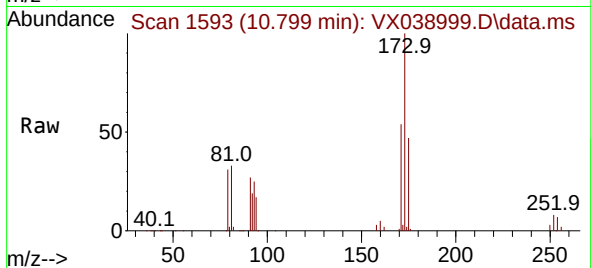
Tgt Ion:173 Resp: 6808
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

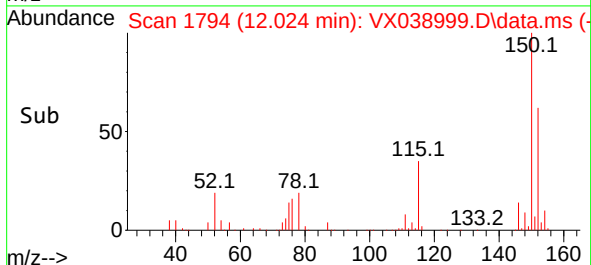
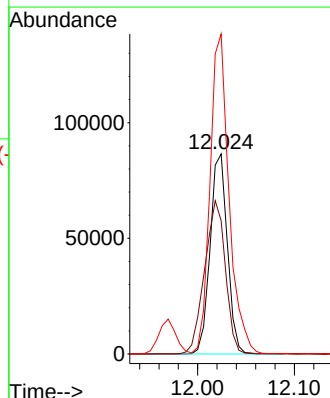
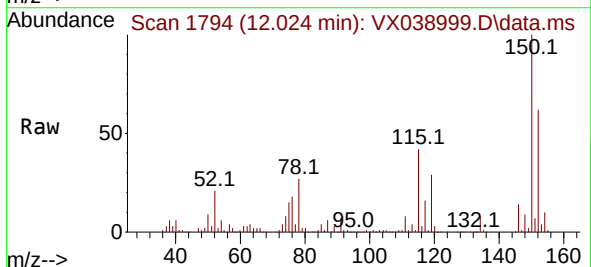
RT: 12.024 min Scan# 1794

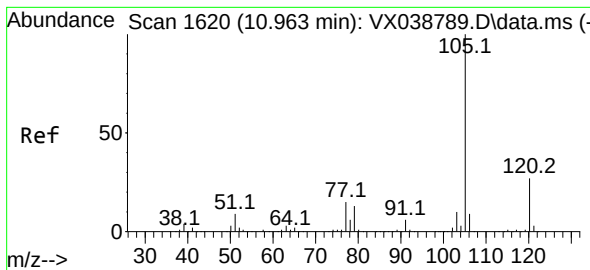
Delta R.T. 0.006 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion:152 Resp: 107222
 Ion Ratio Lower Upper
 152 100
 115 92.2 43.3 129.9
 150 176.2 0.0 345.0





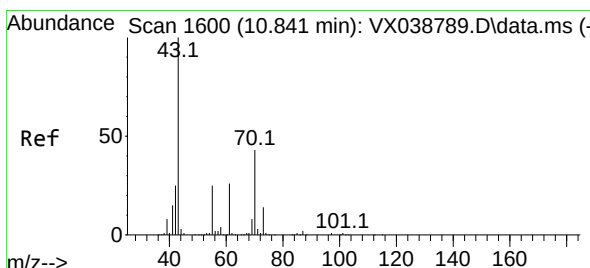
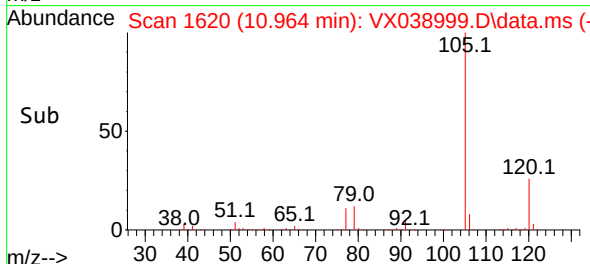
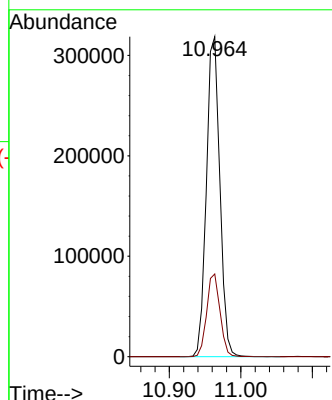
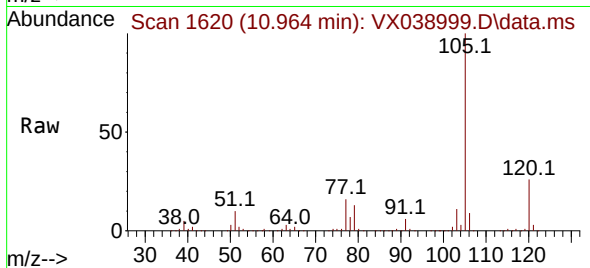
#73
Isopropylbenzene
Concen: 49.746 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 41558
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

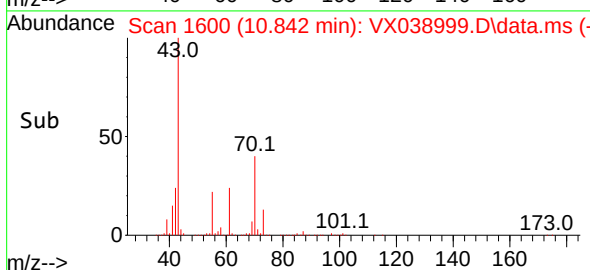
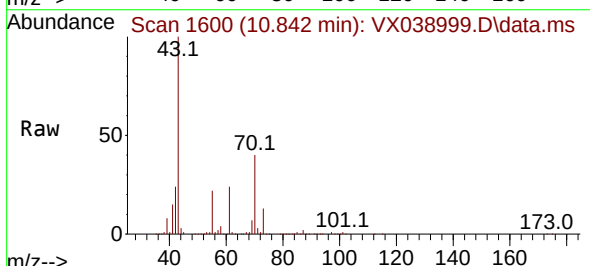
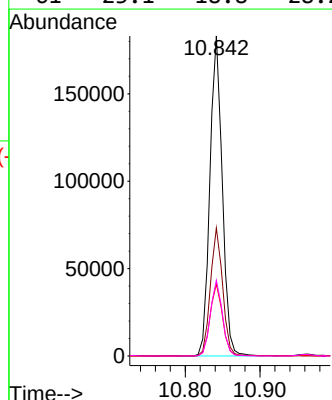
Manual Integrations
APPROVED

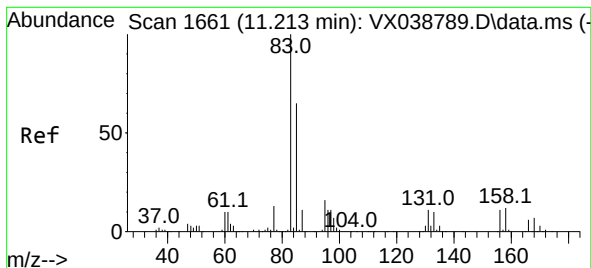
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#74
N-ethyl acetate
Concen: 47.623 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

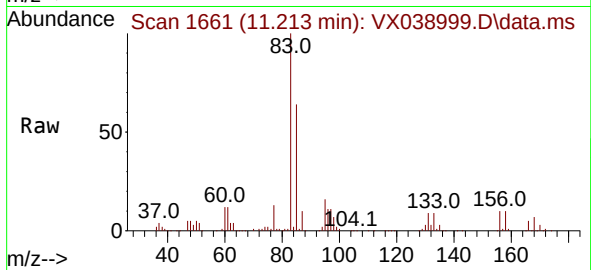
Tgt Ion: 43 Resp: 210310
Ion Ratio Lower Upper
43 100
70 39.6 32.9 49.3
55 22.5 19.3 28.9
61 23.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.474 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

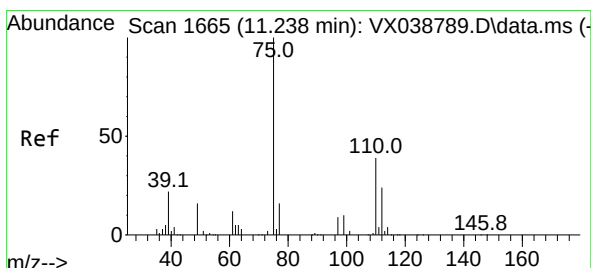
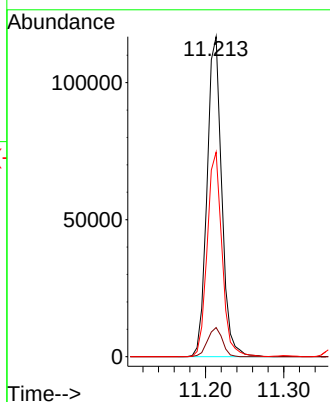
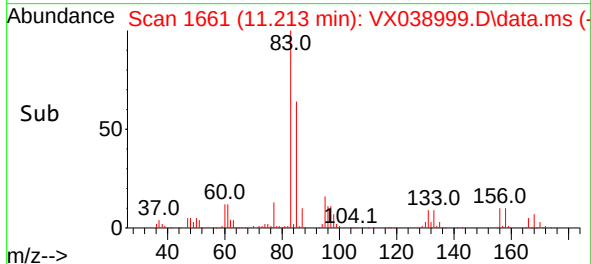
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



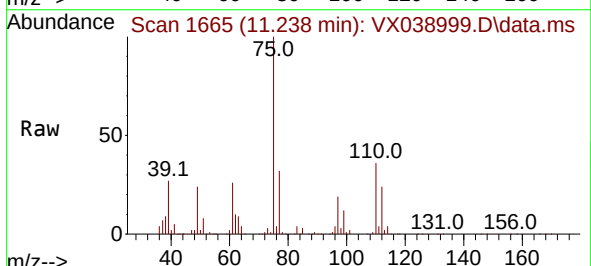
Tgt Ion: 83 Resp: 151558
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
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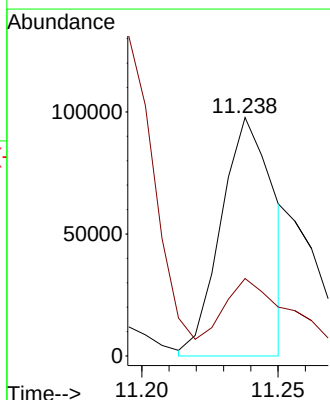
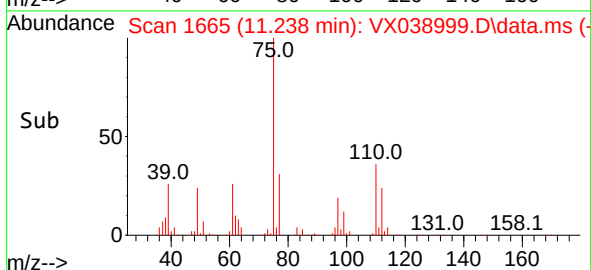
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

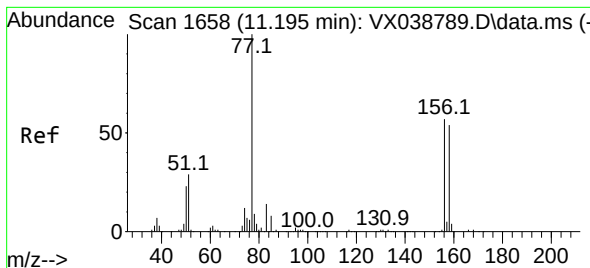


#76
1,2,3-Trichloropropane
Concen: 48.902 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion: 75 Resp: 130820
Ion Ratio Lower Upper
75 100
77 43.7 19.1 57.5





#77

Bromobenzene

Concen: 49.922 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

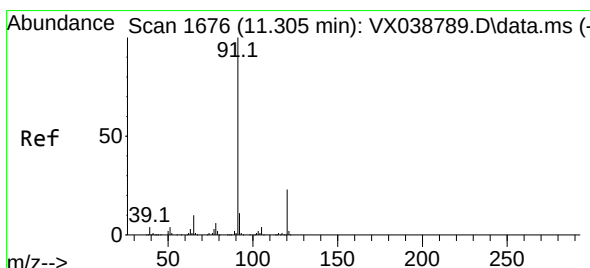
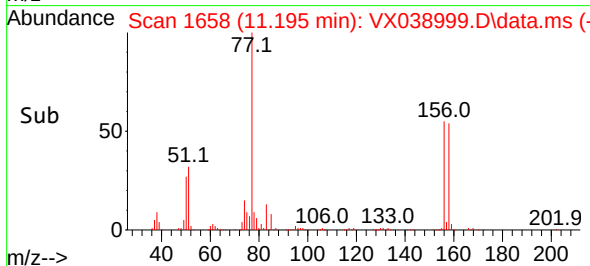
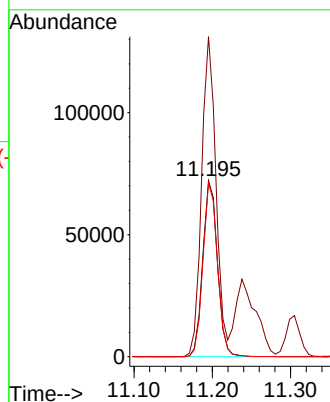
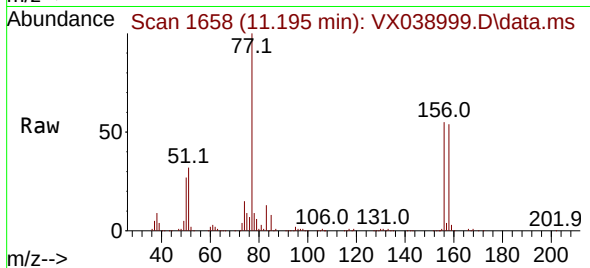
Tgt Ion:	156	Resp:	93712
Ion Ratio	Lower	Upper	
156	100		
77	178.3	88.4	265.3
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#78

n-propylbenzene

Concen: 49.370 ug/l

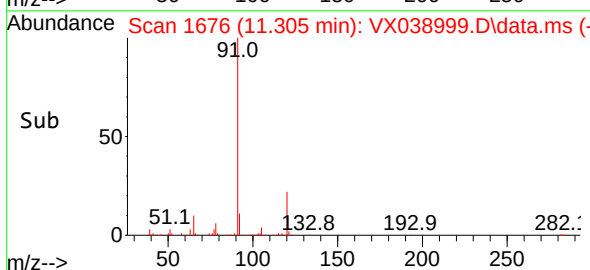
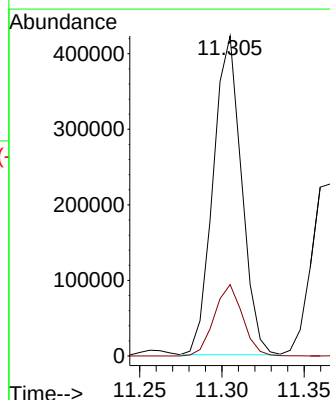
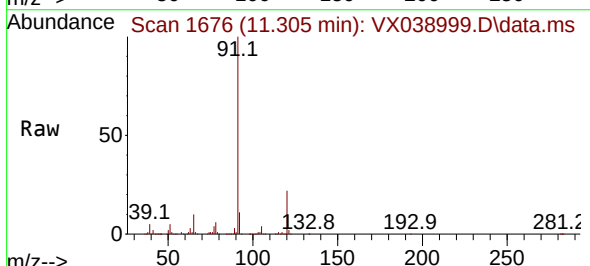
RT: 11.305 min Scan# 1676

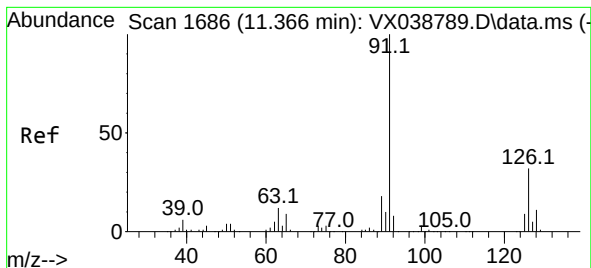
Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion:	91	Resp:	507672
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





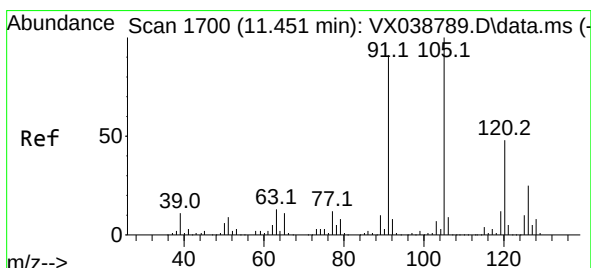
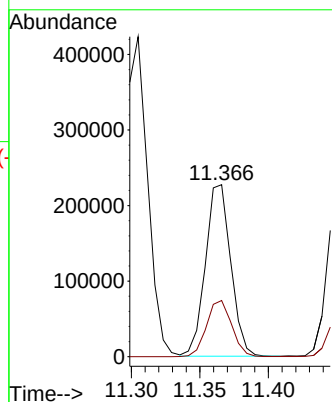
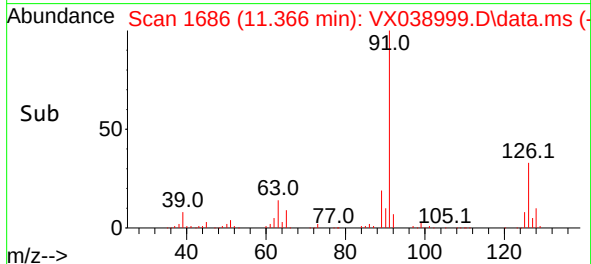
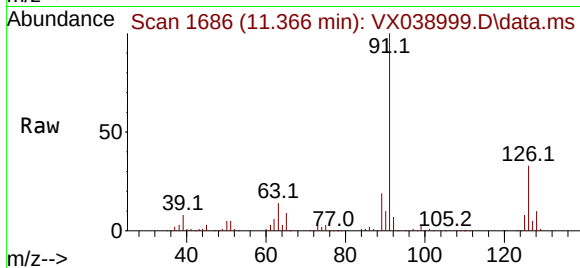
#79
2-Chlorotoluene
Concen: 47.888 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 292239
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

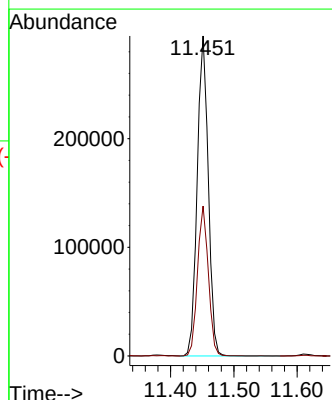
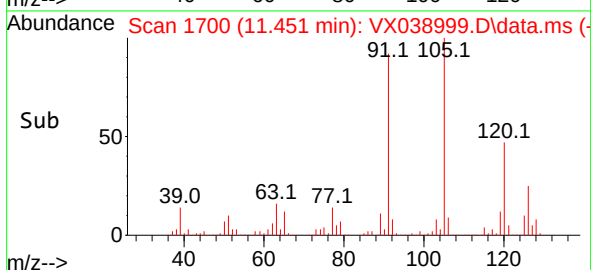
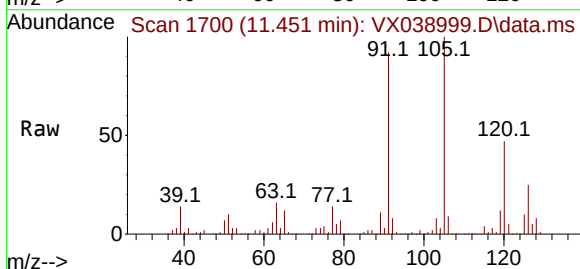
Manual Integrations
APPROVED

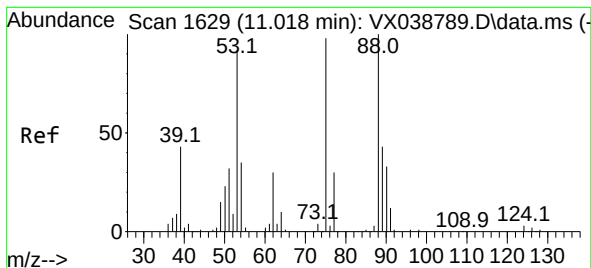
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Tgt Ion:105 Resp: 358785
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





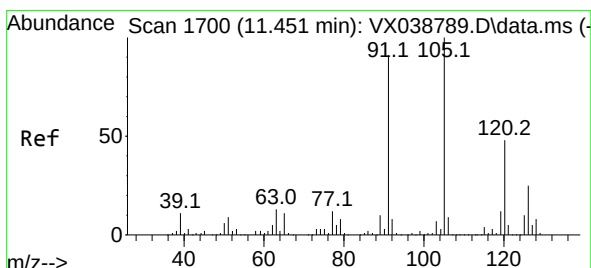
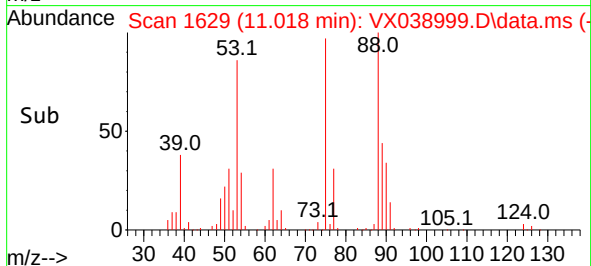
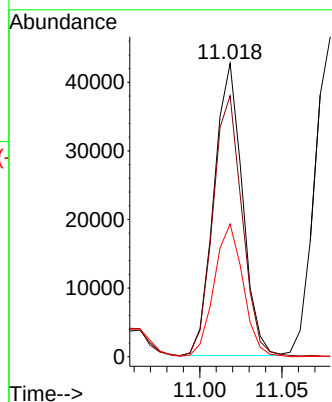
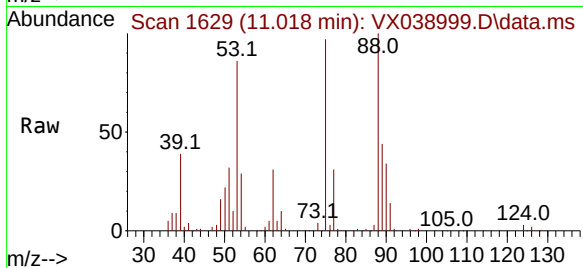
#81
trans-1,4-Dichloro-2-butene
Concen: 42.476 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 51229
Ion Ratio Lower Upper
75 100
53 91.6 90.5 135.7
89 46.3 36.9 55.3

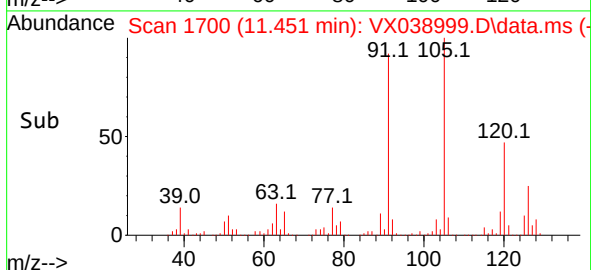
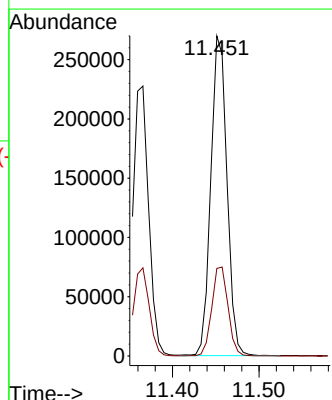
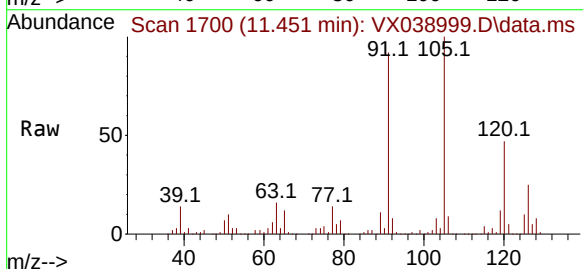
Manual Integrations
APPROVED

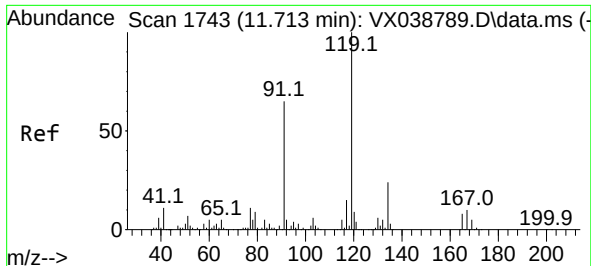
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 49.658 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

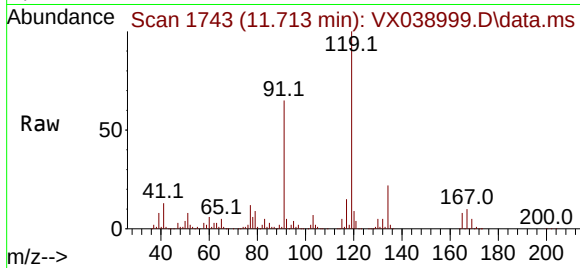
Tgt Ion: 91 Resp: 349423
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.544 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

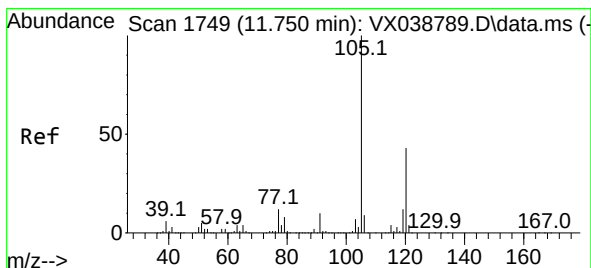
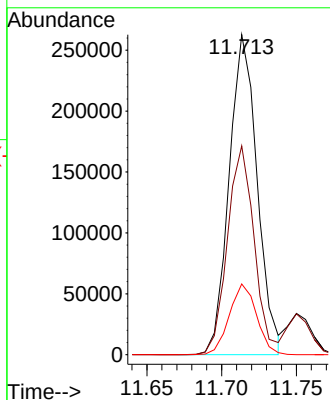
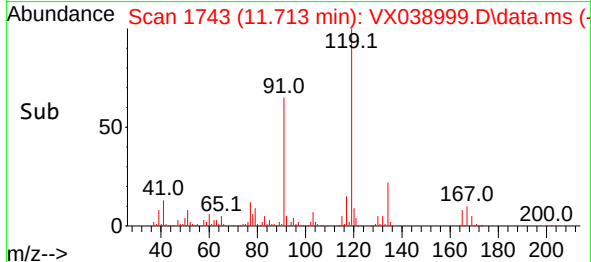
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



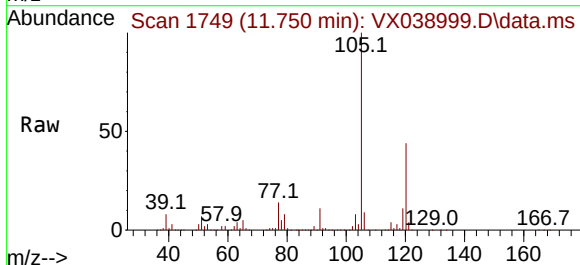
Tgt Ion:119 Resp: 342745
Ion Ratio Lower Upper
119 100
91 62.2 31.2 93.6
134 21.5 11.7 35.0

Manual Integrations
APPROVED

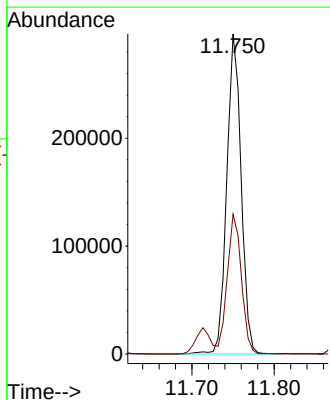
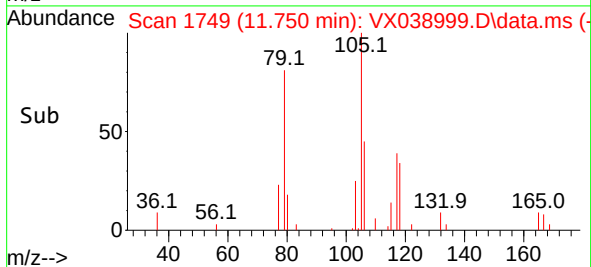
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

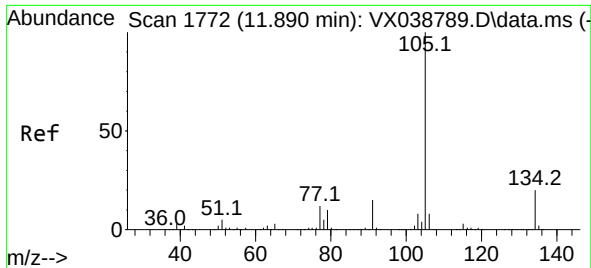


#84
1,2,4-Trimethylbenzene
Concen: 50.752 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion:105 Resp: 360831
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.025 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

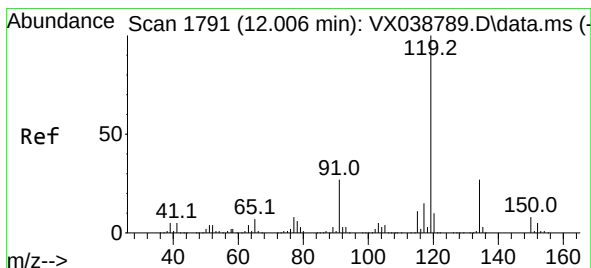
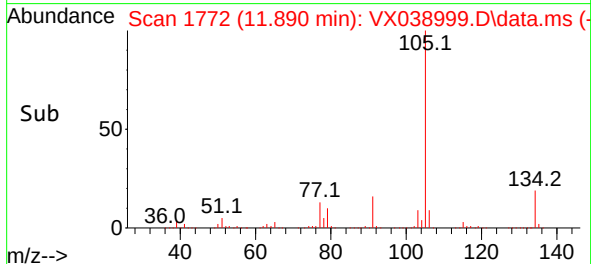
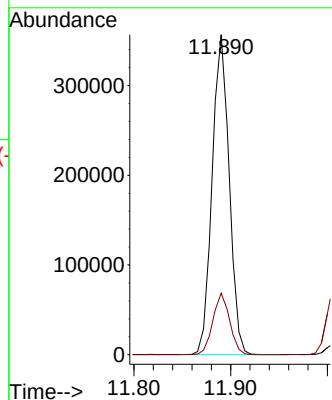
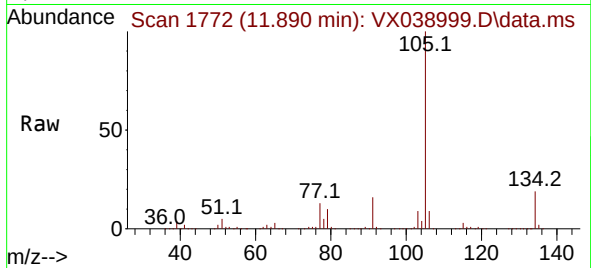
Tgt Ion:105 Resp: 434579
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations

APPROVED

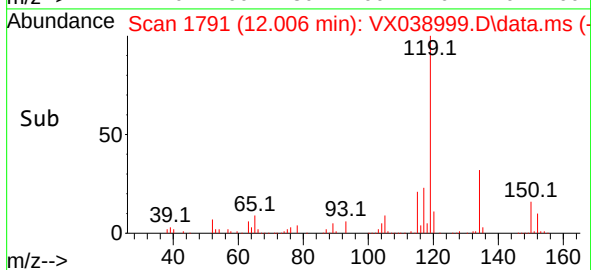
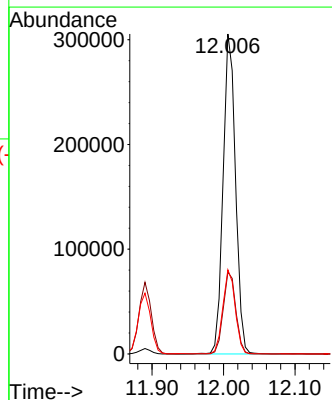
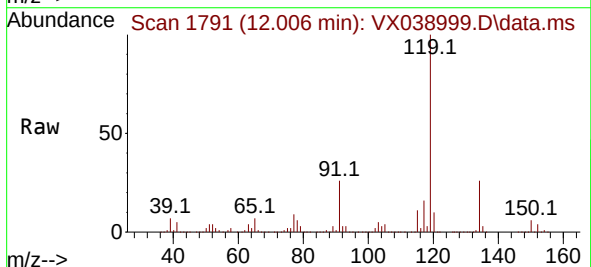
Reviewed By :John Carlone 11/24/2023

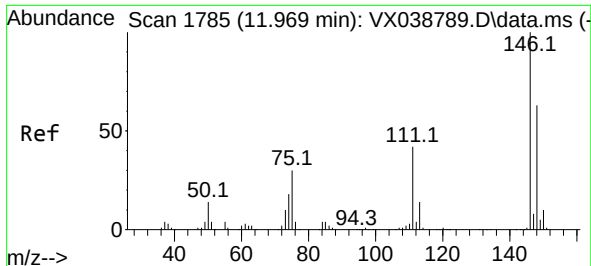
Supervised By :Mahesh Dadoda 11/24/2023



#86
 p-Isopropyltoluene
 Concen: 50.817 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038999.D
 Acq: 22 Nov 2023 13:41

Tgt Ion:119 Resp: 369139
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.047 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 18029

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.1

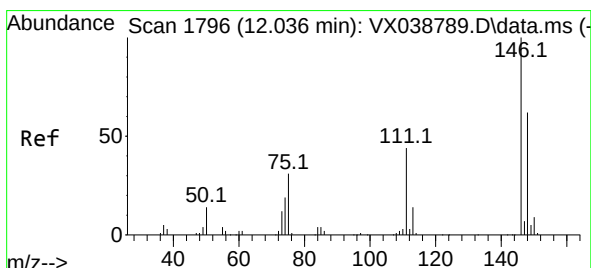
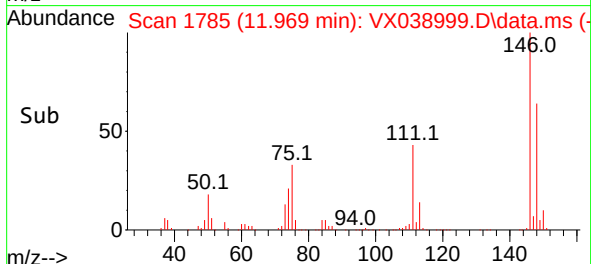
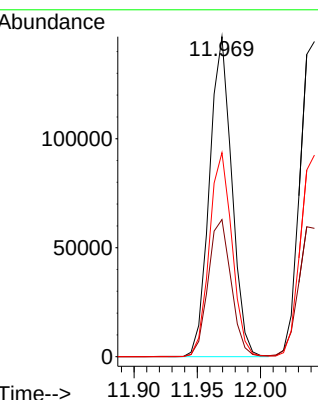
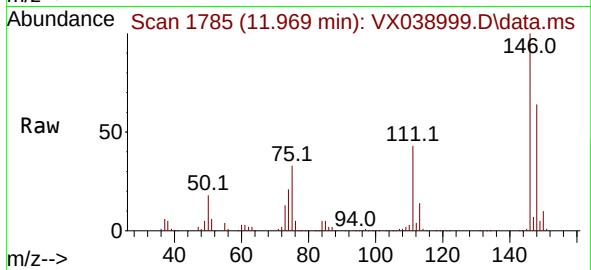
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#88

1,4-Dichlorobenzene

Concen: 48.773 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

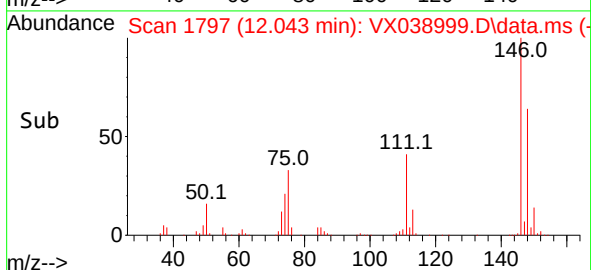
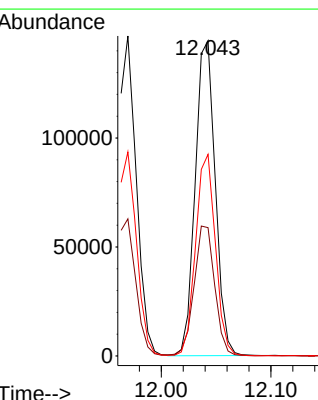
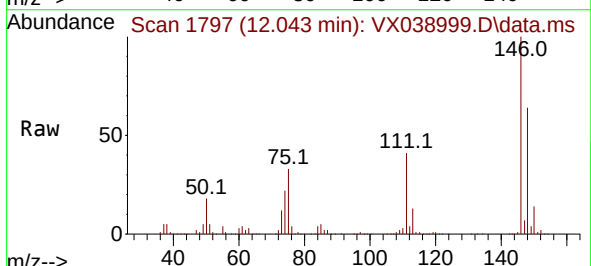
Tgt Ion:146 Resp: 183494

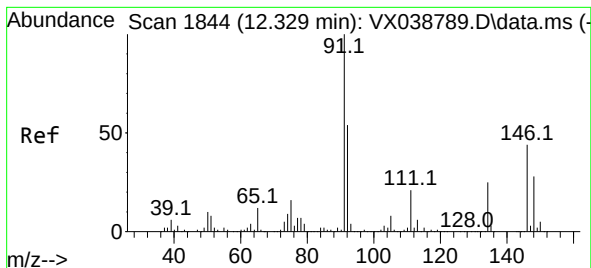
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

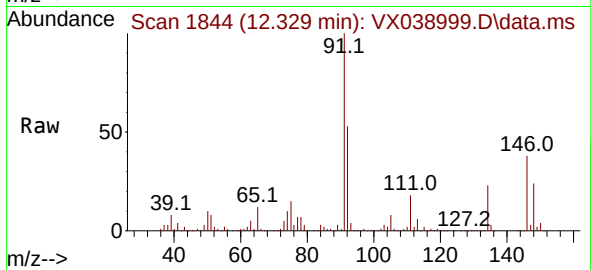
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 50.002 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

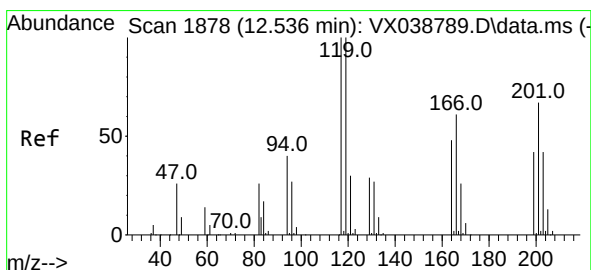
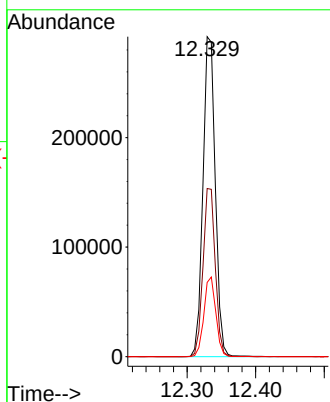
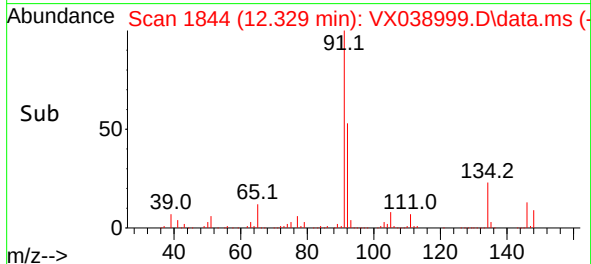
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 366460
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 24.2 12.6 37.8

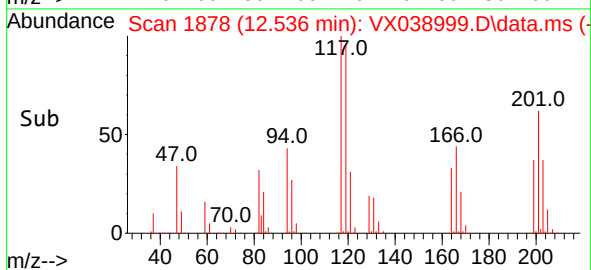
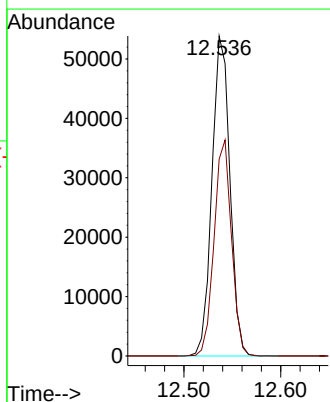
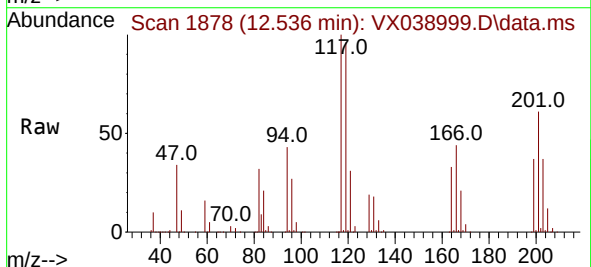
Manual Integrations
APPROVED

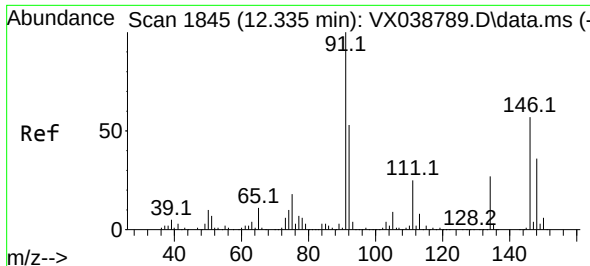
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 47.845 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

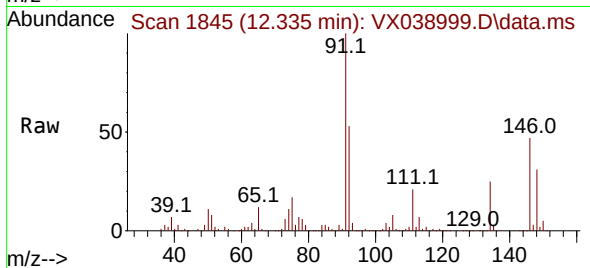
Tgt Ion:117 Resp: 69404
Ion Ratio Lower Upper
117 100
201 65.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.560 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41

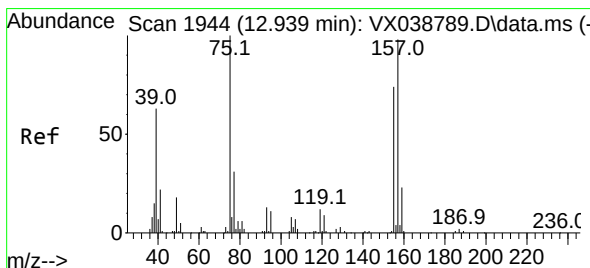
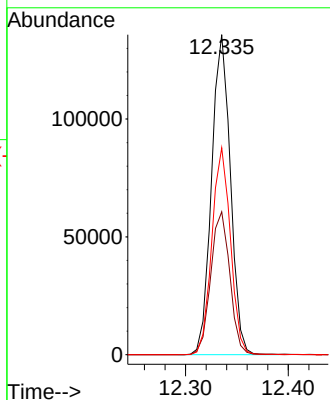
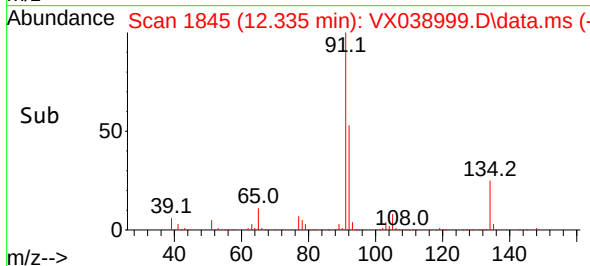
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



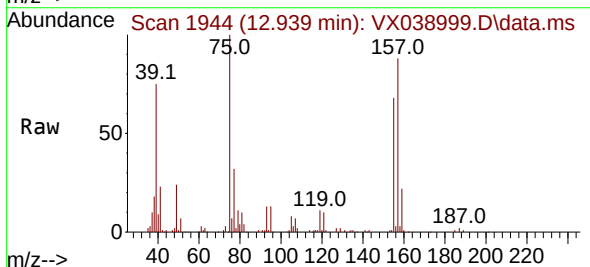
Tgt Ion:146 Resp: 172789
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
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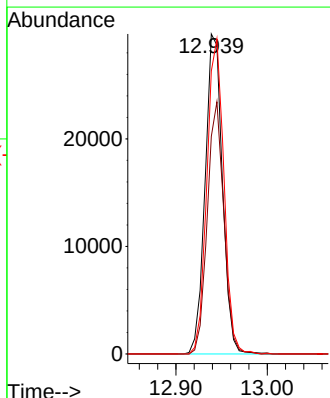
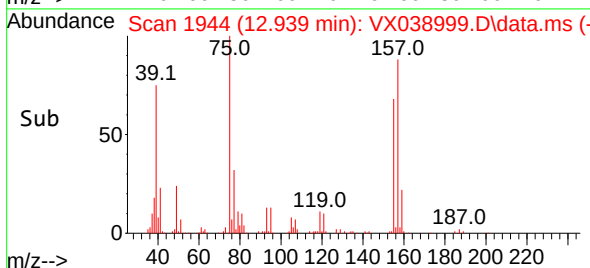
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

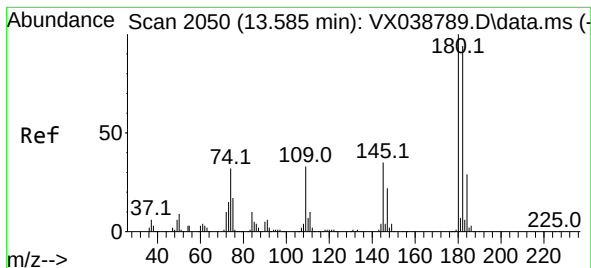


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.878 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038999.D
Acq: 22 Nov 2023 13:41



Tgt Ion: 75 Resp: 39053
Ion Ratio Lower Upper
75 100
155 75.3 36.1 108.5
157 96.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.120 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

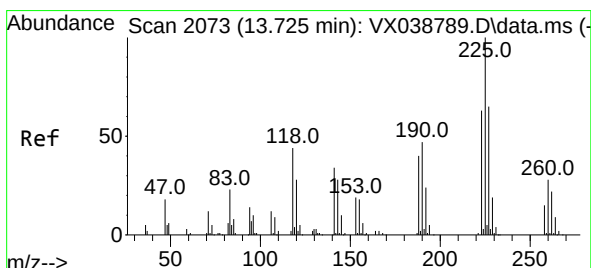
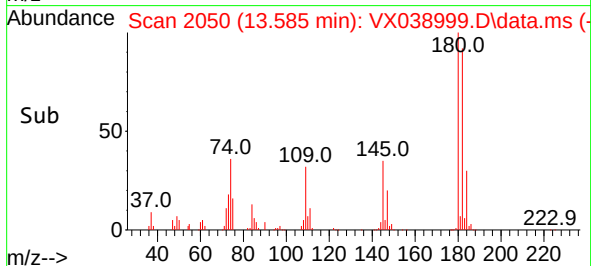
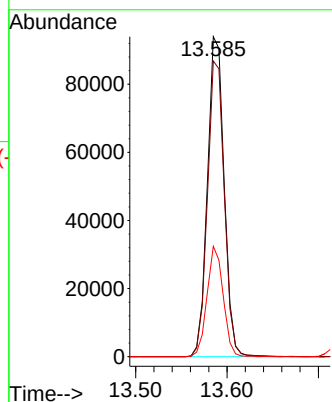
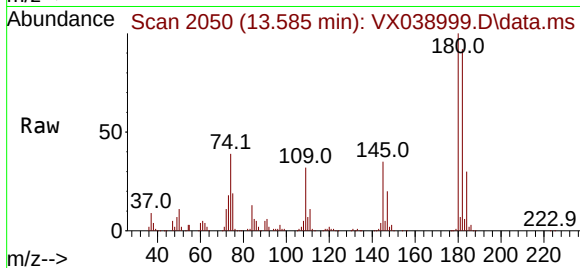
Tgt Ion:180	Resp:	11943
Ion Ratio	Lower	Upper
180	100	
182	93.2	48.3 144.8
145	33.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#94

Hexachlorobutadiene

Concen: 52.166 ug/l

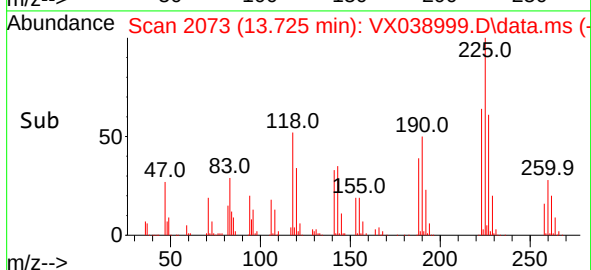
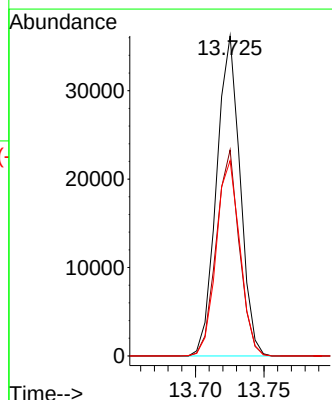
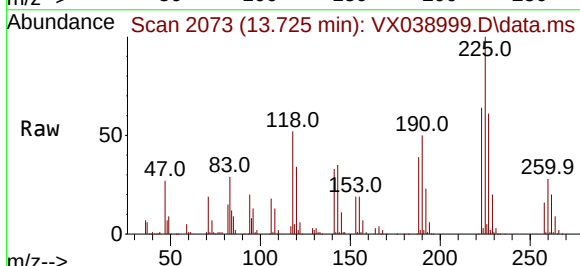
RT: 13.725 min Scan# 2073

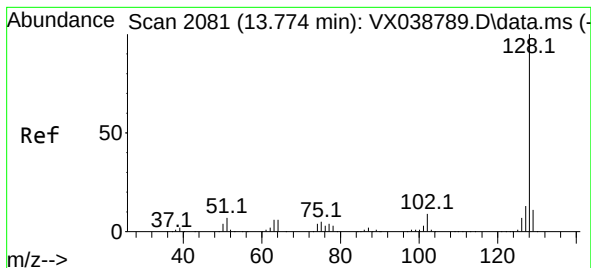
Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion:225	Resp:	43160
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.2
227	61.5	32.5 97.5





#95

Naphthalene

Concen: 47.780 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 41575

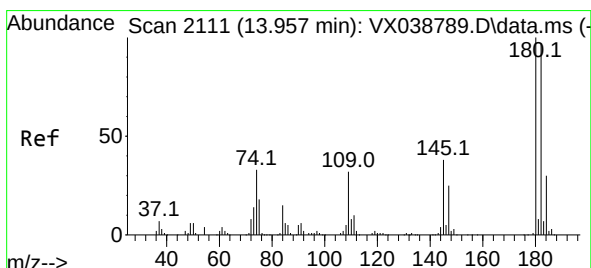
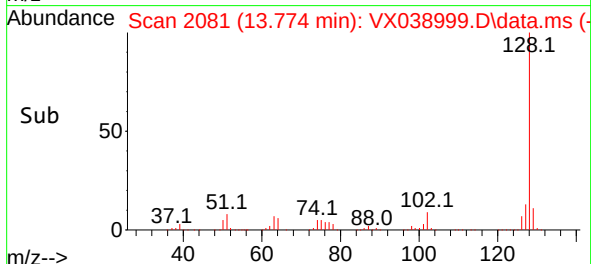
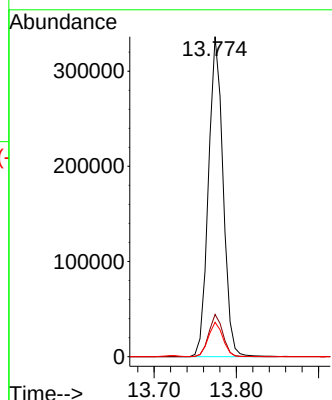
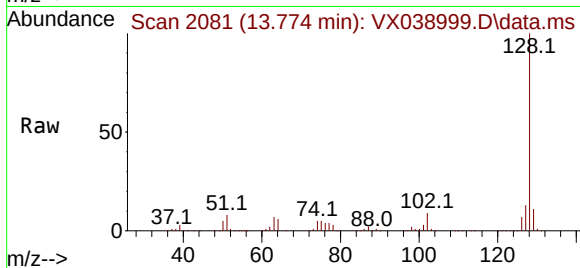
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.092 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038999.D

Acq: 22 Nov 2023 13:41

Tgt Ion:180 Resp: 113155

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.6
145	36.3	17.8	53.5

