

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040325.D
 Acq On : 19 Feb 2024 13:07
 Operator : JC/MD
 Sample : P1395-03 40X
 Misc : 3.46g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2(4-6)

Quant Time: Feb 20 01:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61570	51.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.160%			
35) Dibromofluoromethane	5.385	113	47299	46.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.200%			
50) Toluene-d8	8.647	98	181726	47.354	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.700%			
62) 4-Bromofluorobenzene	11.079	95	73050	46.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.340%			
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	281	0.568	ug/l #	47
20) Methylene Chloride	2.794	84	378	Below Cal	#	91
27) cis-1,2-Dichloroethene	4.489	96	663	0.617	ug/l	95
31) Cyclohexane	5.477	56	311	0.216	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7488	5.210	ug/l #	46
38) Carbon Tetrachloride	5.544	117	9060	6.631	ug/l #	15
39) Methylcyclohexane	7.379	83	17992	10.773	ug/l	93
40) Benzene	6.038	78	52957	13.177	ug/l	99
43) Isopropyl Acetate	6.184	43	604	0.242	ug/l #	62
44) Trichloroethene	7.123	130	32728	29.523	ug/l	97
48) Methyl methacrylate	7.702	41	299	0.234	ug/l #	44
51) 4-Methyl-2-Pentanone	8.720	43	38522	22.603	ug/l #	37
52) Toluene	8.720	92	2918221	1108.587	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	38783	22.878	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	784	0.698	ug/l #	17
56) Ethyl methacrylate	9.068	69	369	0.220	ug/l #	1
60) Dibromochloromethane	9.269	129	371	0.324	ug/l #	11
64) Tetrachloroethene	9.281	164	277	0.280	ug/l #	62
65) Chlorobenzene	10.080	112	259648	88.257	ug/l	98
67) Ethyl Benzene	10.195	91	104189	19.885	ug/l	98
68) m/p-Xylenes	10.299	106	173336	87.594	ug/l	97
69) o-Xylene	10.640	106	44246	23.009	ug/l	96
70) Styrene	10.653	104	29967	9.373	ug/l #	83
73) Isopropylbenzene	10.964	105	5505	1.047	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	39716	26.275	ug/l #	39
78) n-propylbenzene	11.305	91	6585	1.035	ug/l	94
79) 2-Chlorotoluene	11.457	91	2404	0.625	ug/l	79
80) 1,3,5-Trimethylbenzene	11.451	105	5969	1.349	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	39716	72.096	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2404	0.528	ug/l	85
83) tert-Butylbenzene	11.969	119	1361	0.314	ug/l	71
84) 1,2,4-Trimethylbenzene	11.750	105	13056	2.916	ug/l	100
86) p-Isopropyltoluene	12.006	119	5562	1.217	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	2799	1.138	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	45263	17.374	ug/l	100
89) n-Butylbenzene	12.335	91	6421	1.455	ug/l	94

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

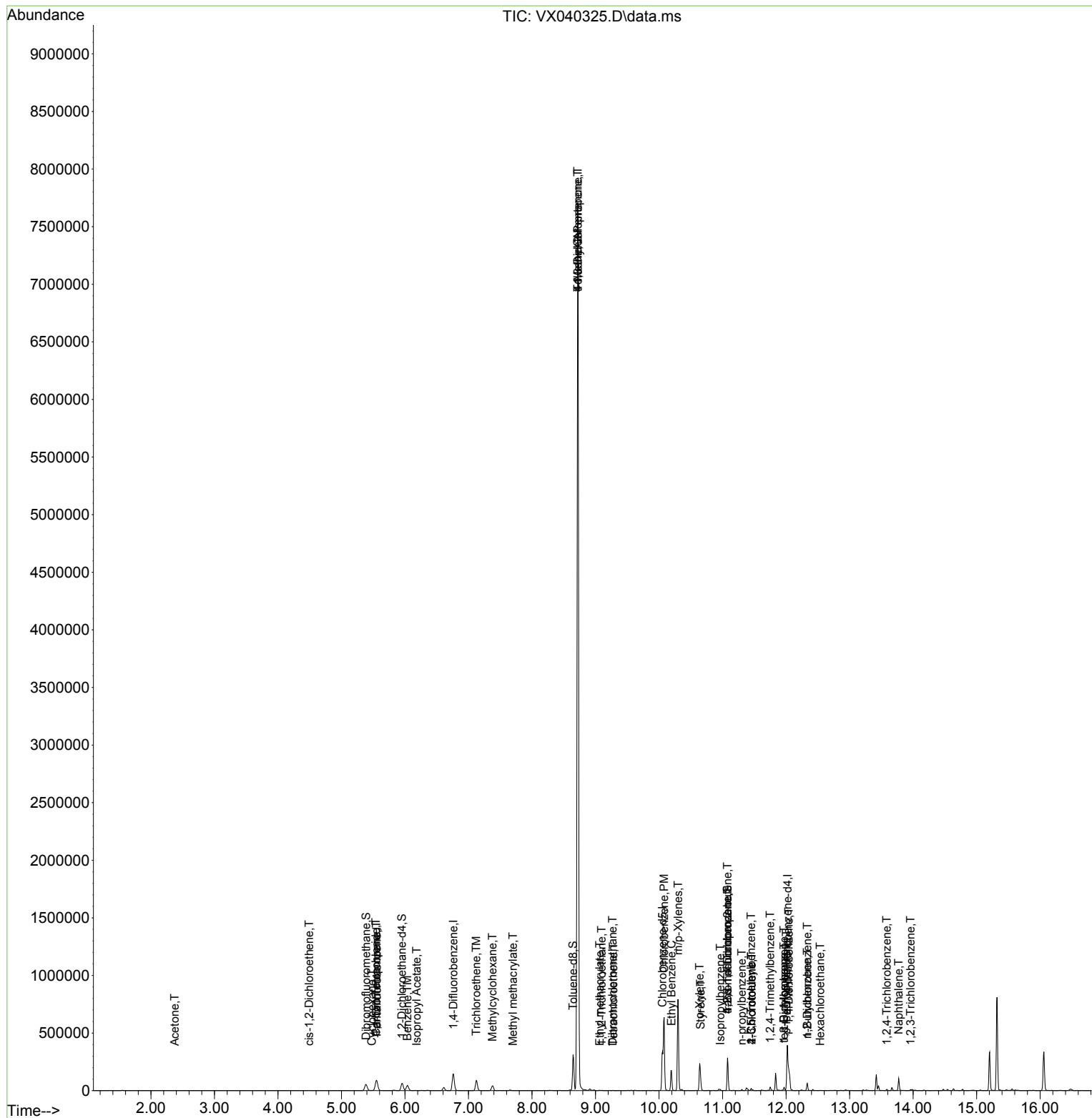
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.536	117	159	0.221	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	14034	5.892	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	2178	1.336	ug/l	93
95) Naphthalene	13.774	128	60012	11.653	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1813	1.166	ug/l	99

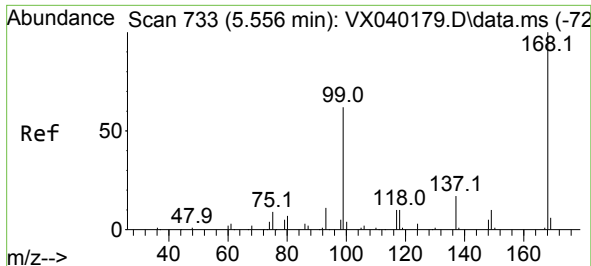
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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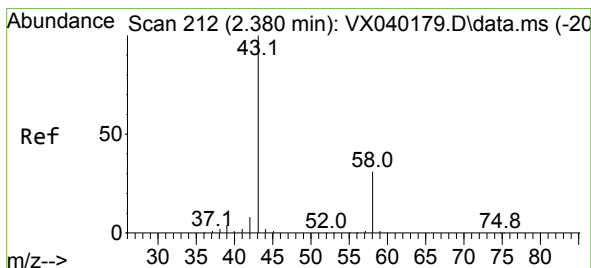
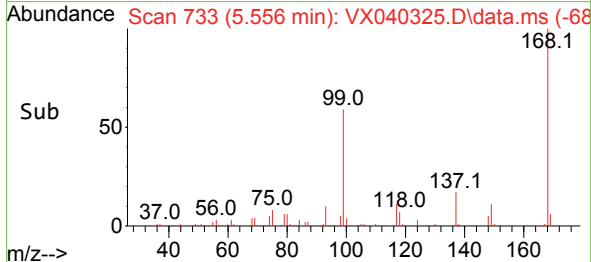
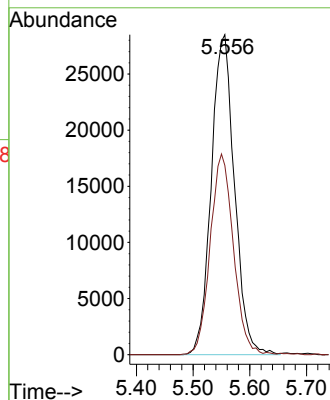
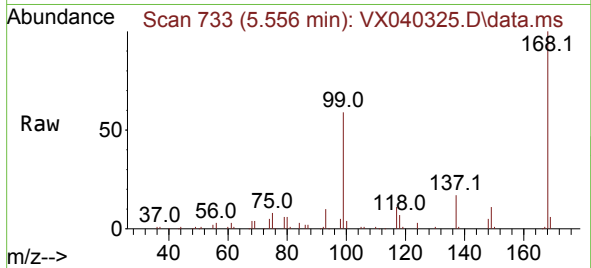




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

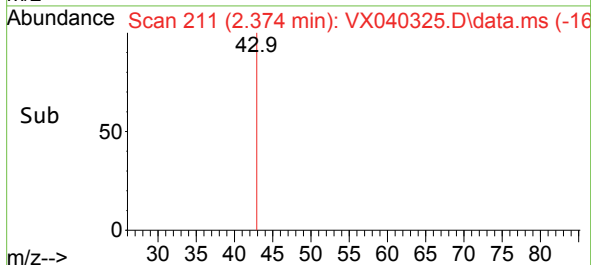
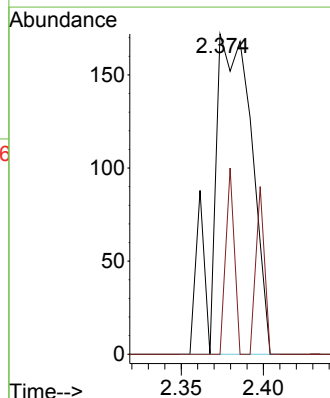
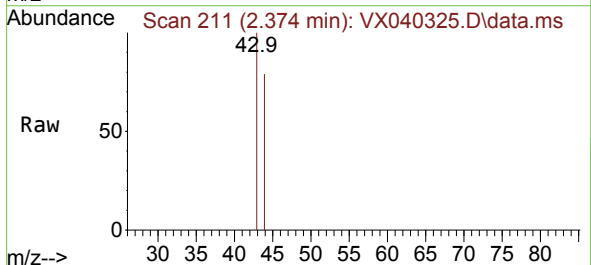
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

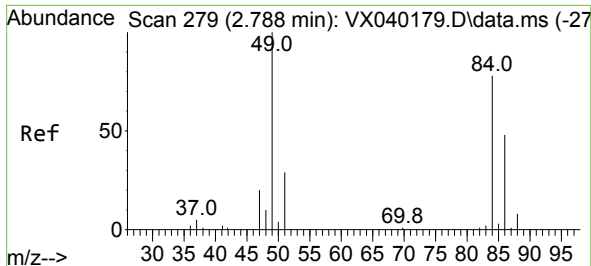
Tgt Ion:168 Resp: 81029
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#16
Acetone
Concen: 0.568 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

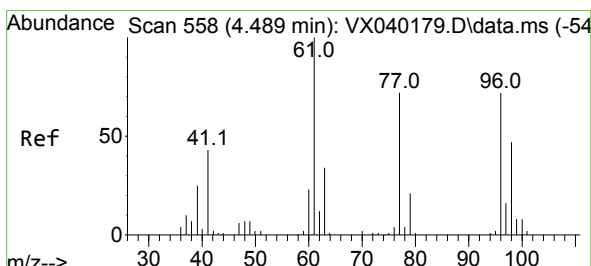
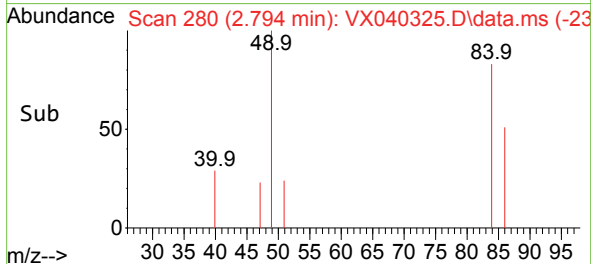
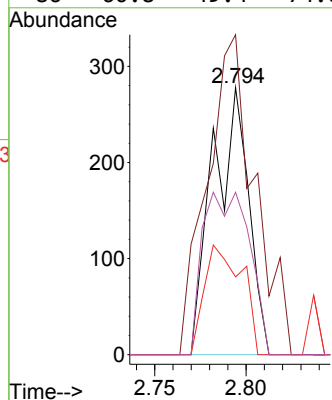
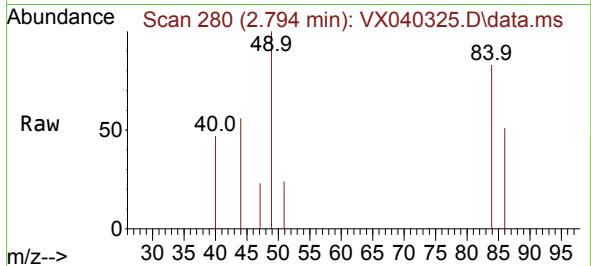




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

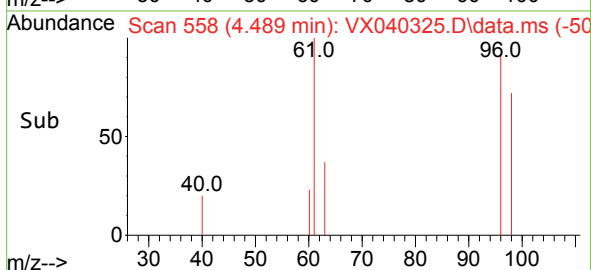
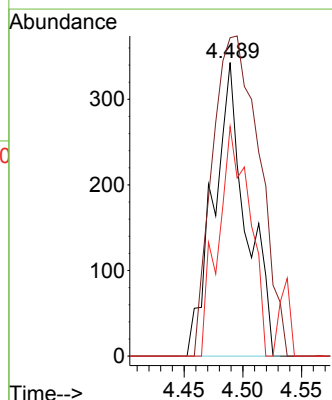
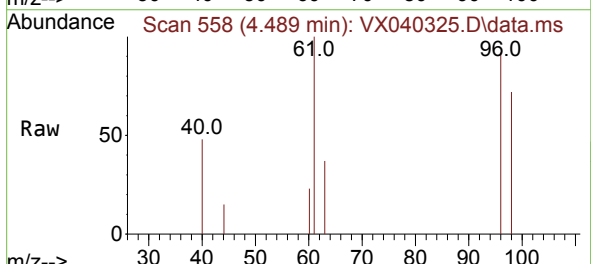
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

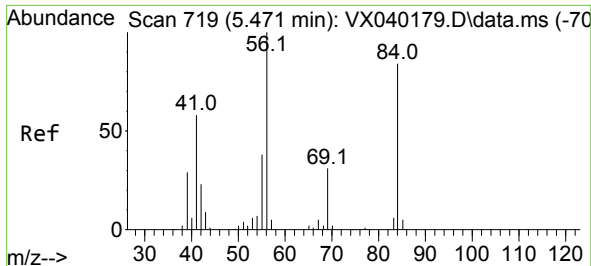
Tgt Ion: 84 Resp: 378
Ion Ratio Lower Upper
84 100
49 119.8 103.6 155.4
51 29.1 33.8 50.6#
86 60.8 49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 0.617 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 96 Resp: 663
Ion Ratio Lower Upper
96 100
61 156.9 0.0 312.2
98 75.7 0.0 129.0

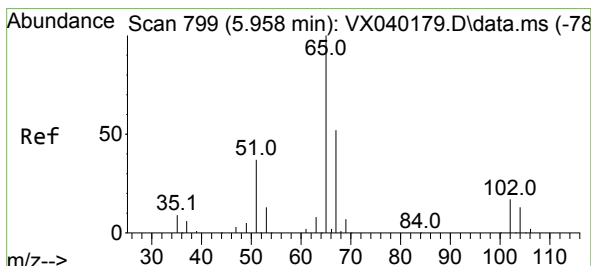
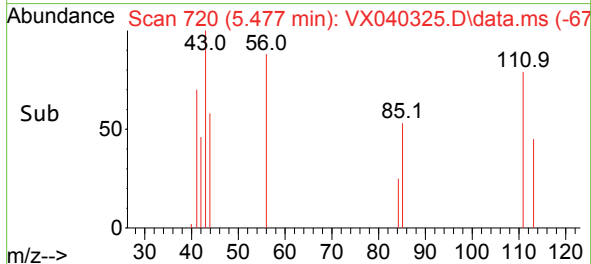
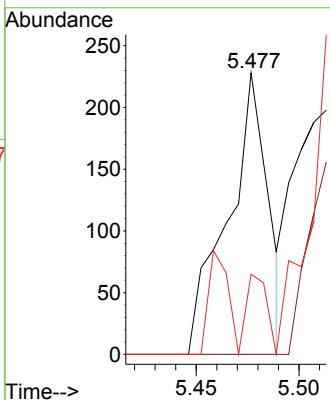
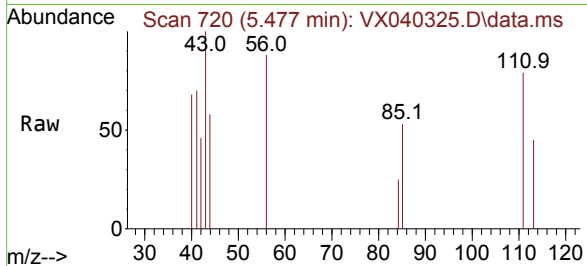




#31
Cyclohexane
Concen: 0.216 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

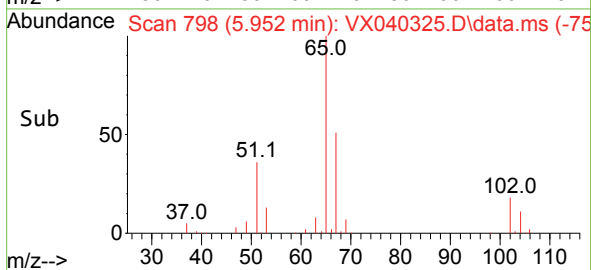
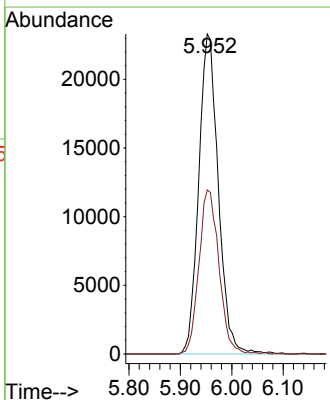
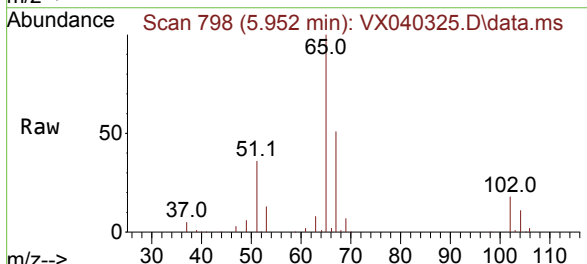
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

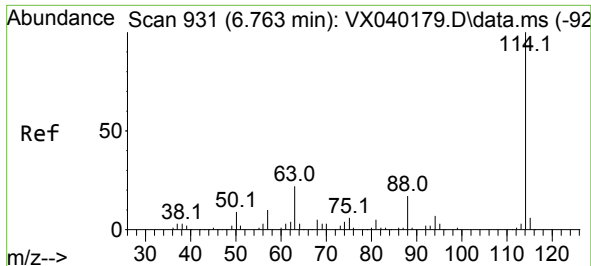
Tgt Ion: 56 Resp: 311
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 28.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.075 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 65 Resp: 61570
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

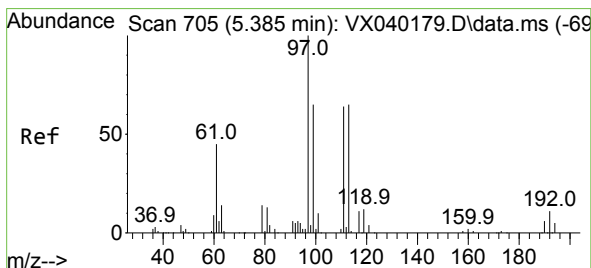
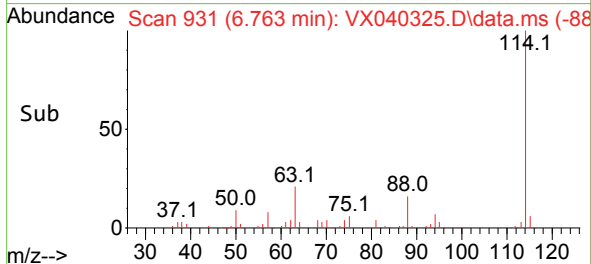
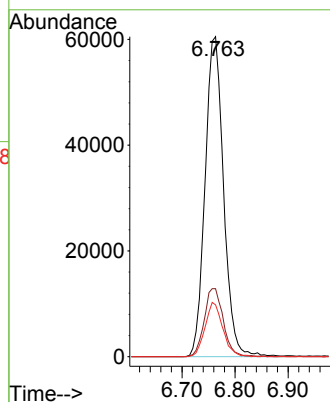
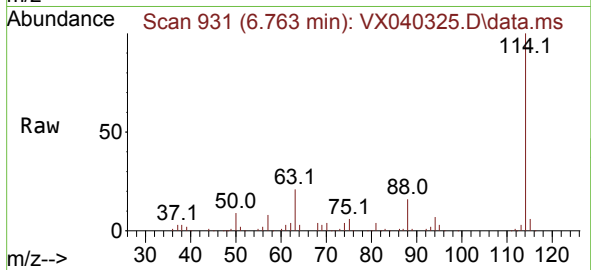




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

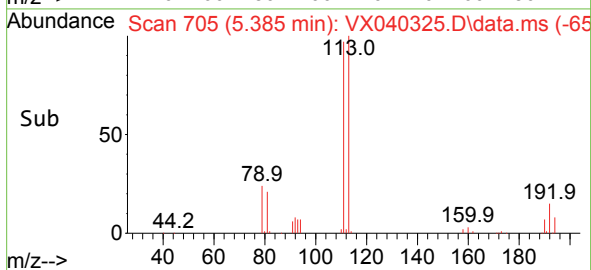
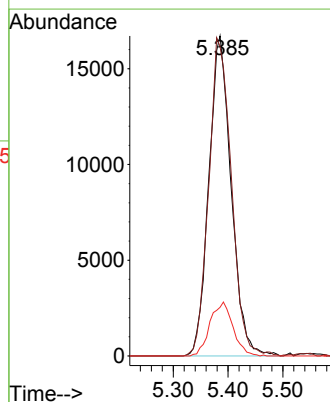
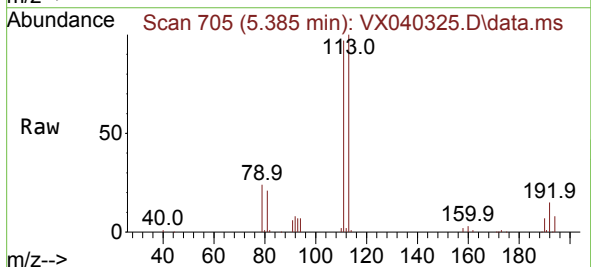
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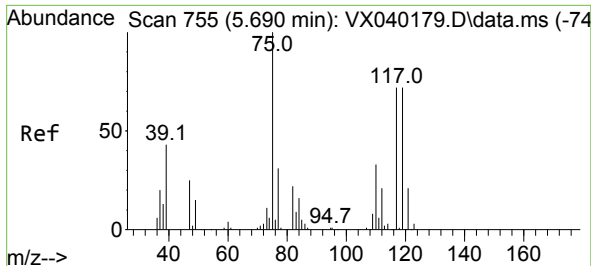
Tgt Ion:114 Resp: 146904
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.105 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion:113 Resp: 47299
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.4 13.3 19.9

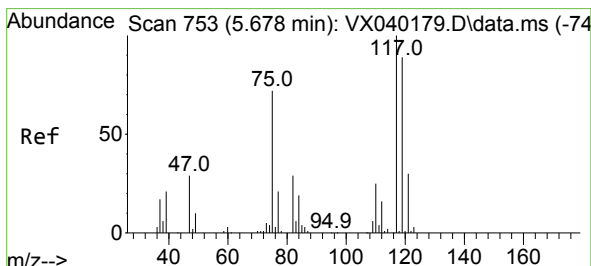
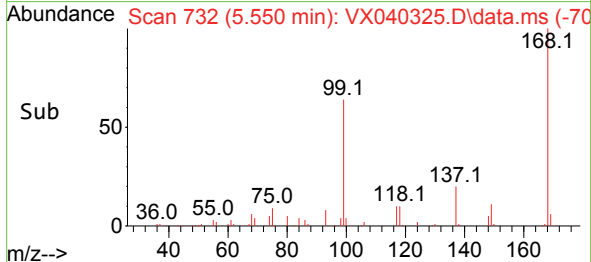
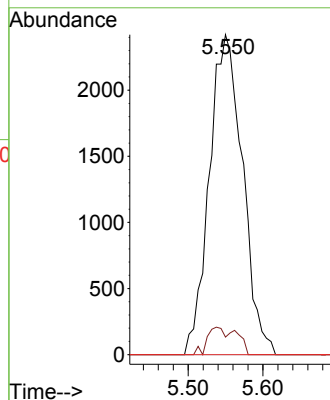
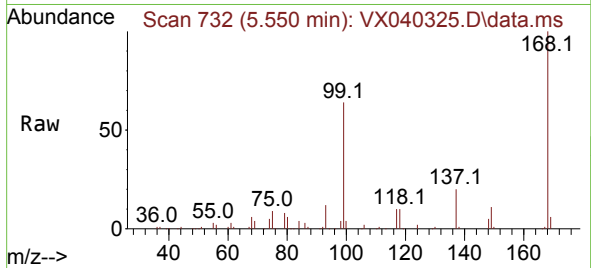




#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

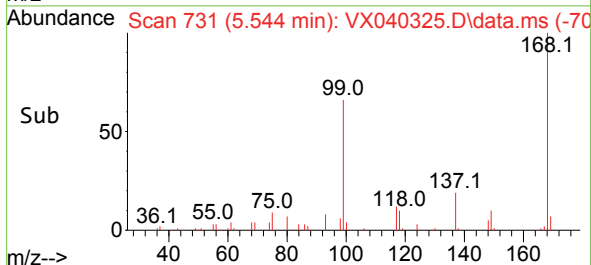
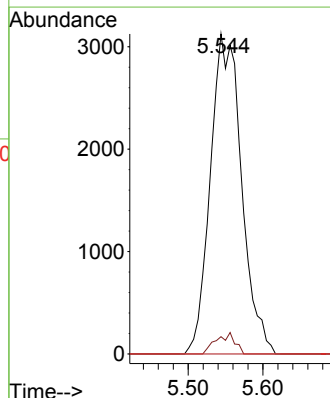
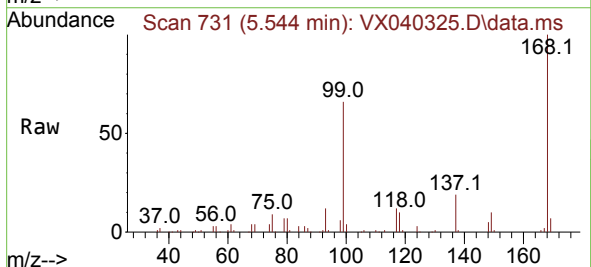
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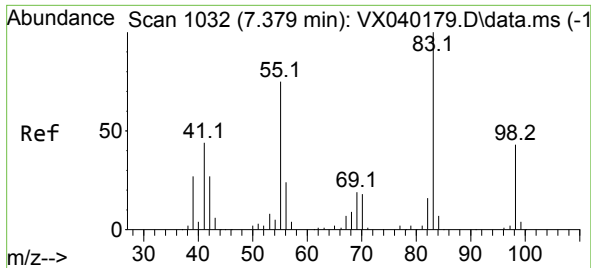
Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
110 4.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.631 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 117 Resp: 9060
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

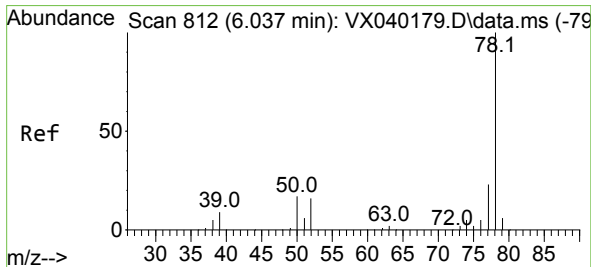
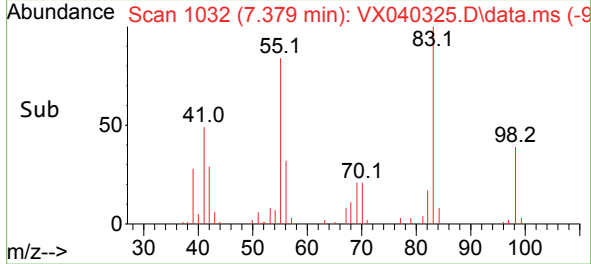
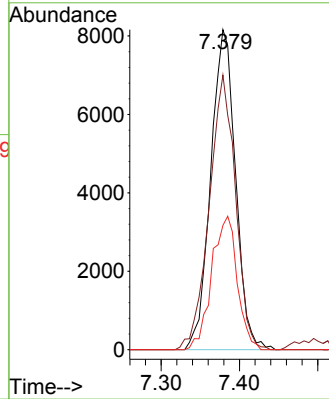
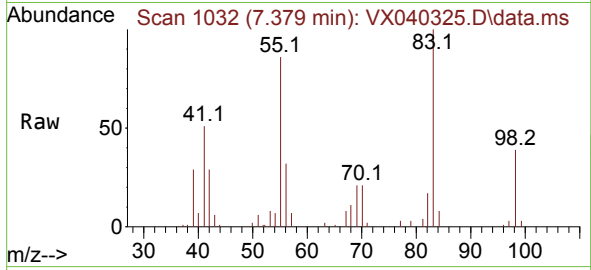




#39
Methylcyclohexane
Concen: 10.773 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

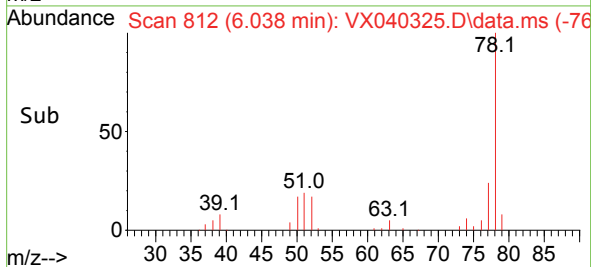
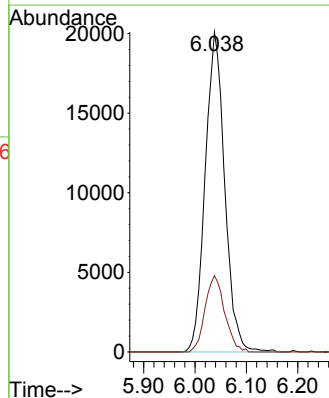
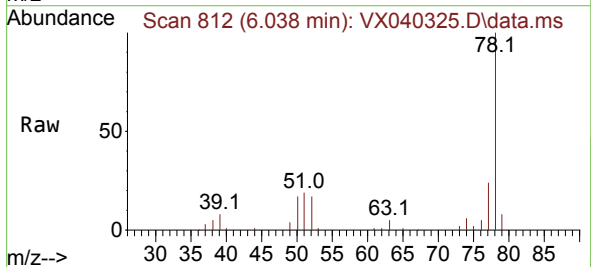
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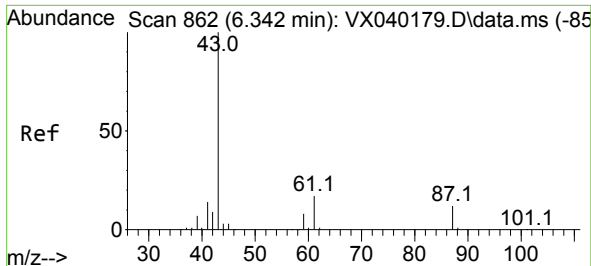
Tgt Ion: 83 Resp: 17992
Ion Ratio Lower Upper
83 100
55 85.8 64.6 97.0
98 38.8 36.7 55.1



#40
Benzene
Concen: 13.177 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 78 Resp: 52957
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#43

Isopropyl Acetate

Concen: 0.242 ug/l

RT: 6.184 min Scan# 81

Delta R.T. -0.158 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

B-2(4-6)

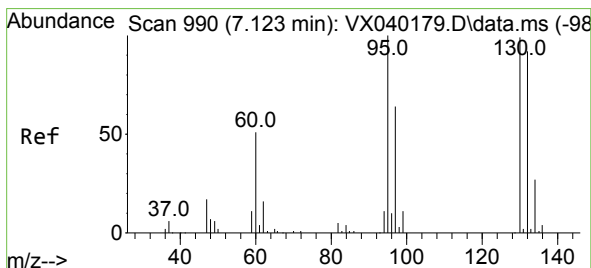
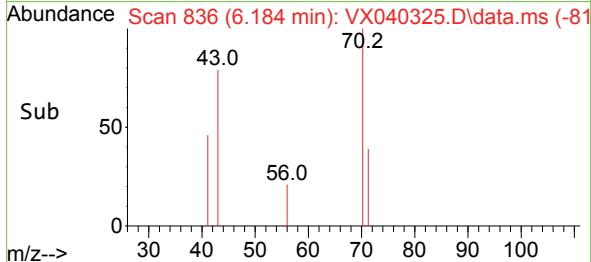
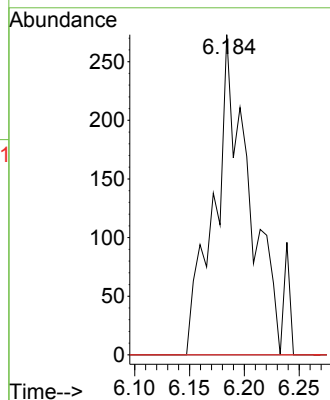
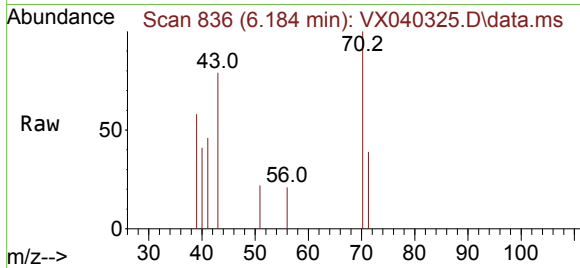
Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 29.523 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040325.D

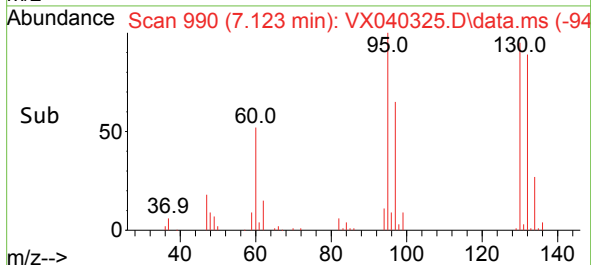
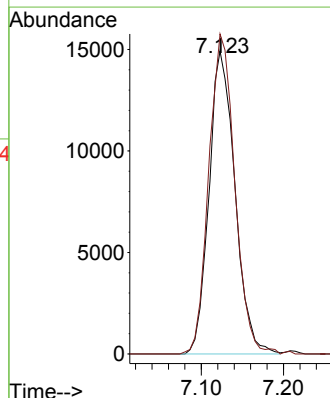
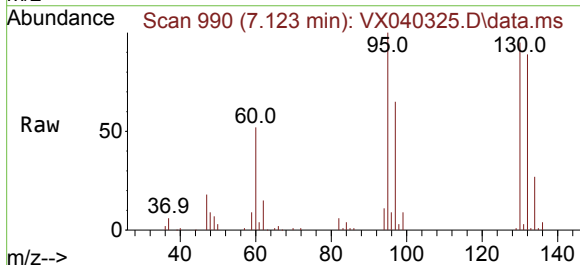
Acq: 19 Feb 2024 13:07

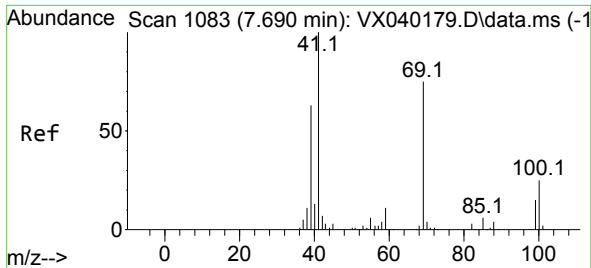
Tgt Ion:130 Resp: 32728

Ion Ratio Lower Upper

130 100

95 105.7 0.0 204.4

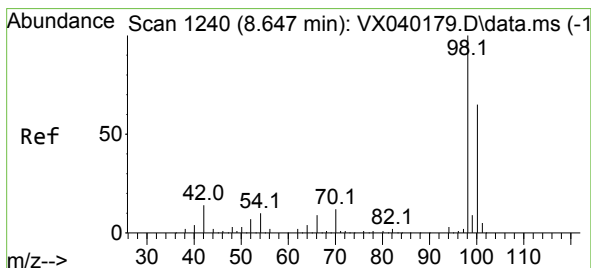
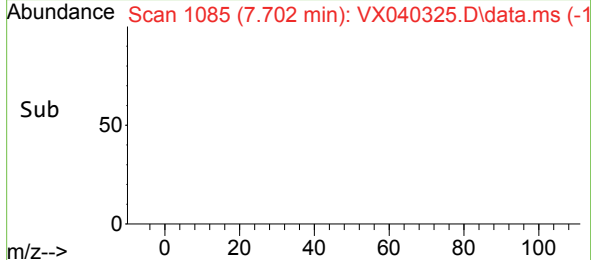
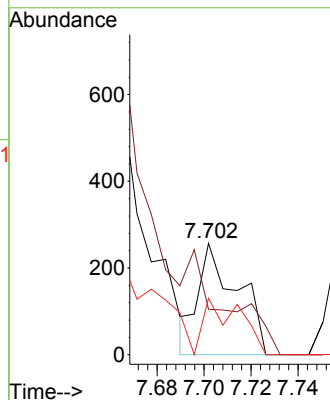
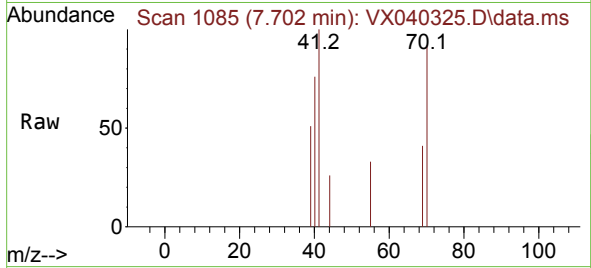




#48
Methyl methacrylate
Concen: 0.234 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

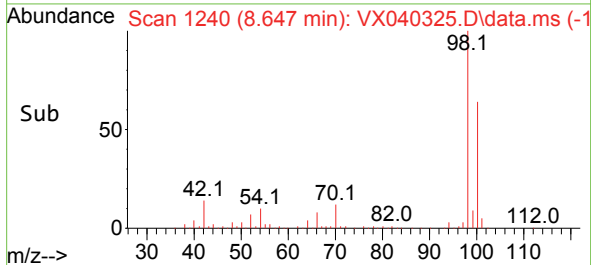
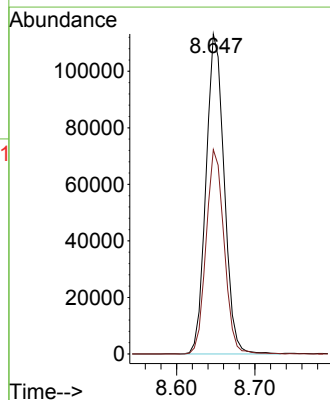
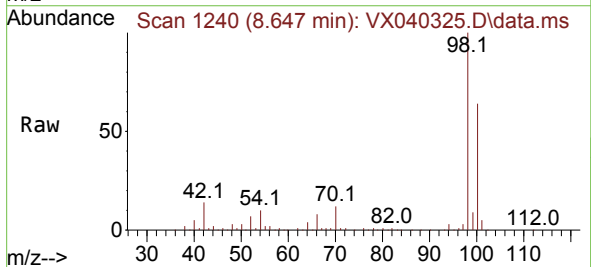
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

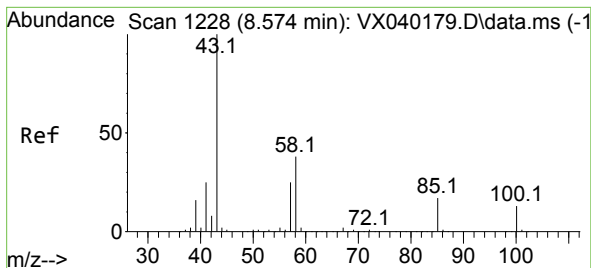
Tgt Ion: 41 Resp: 299
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 46.5 47.7 71.5#



#50
Toluene-d8
Concen: 47.354 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 98 Resp: 181726
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

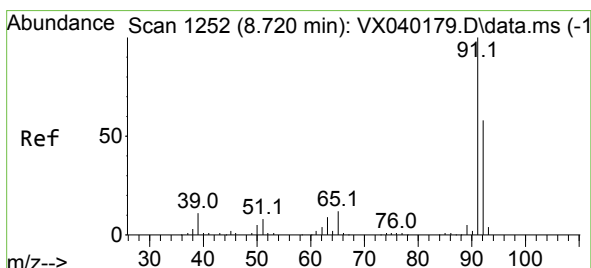
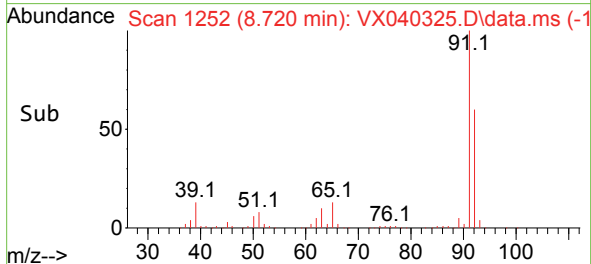
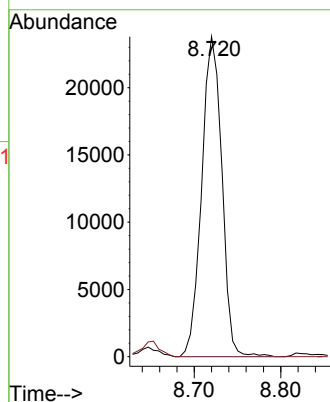
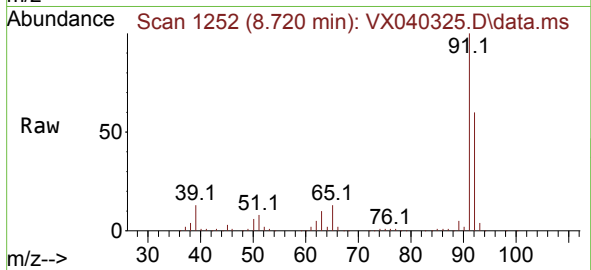




#51
4-Methyl-2-Pentanone
Concen: 22.603 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.146 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

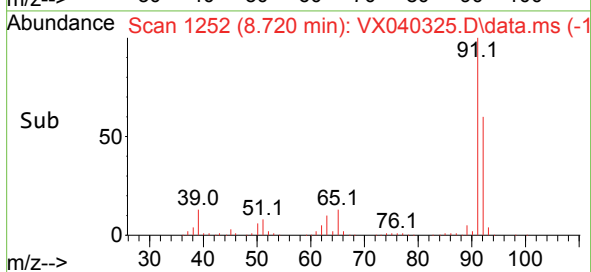
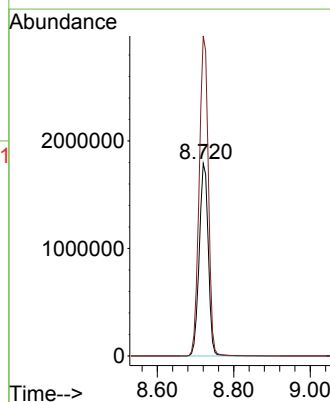
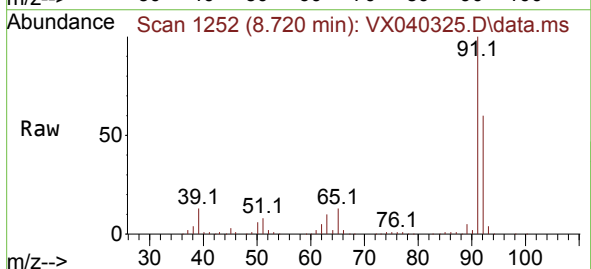
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

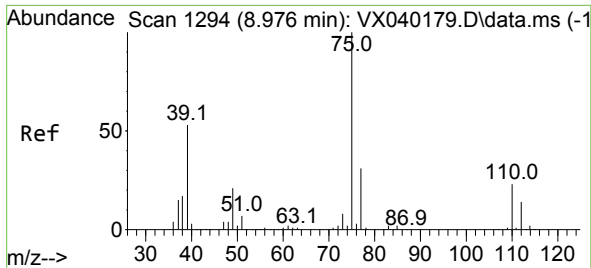
Tgt Ion: 43 Resp: 38522
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 1108.587 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 92 Resp: 2918221
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2

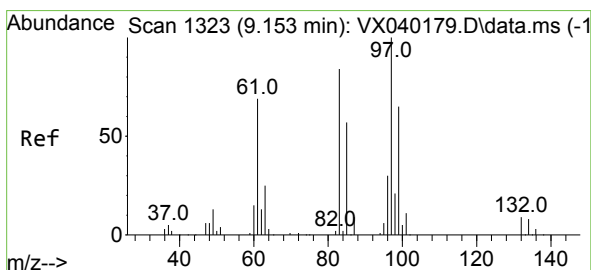
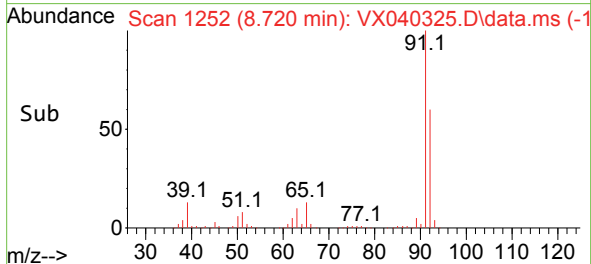
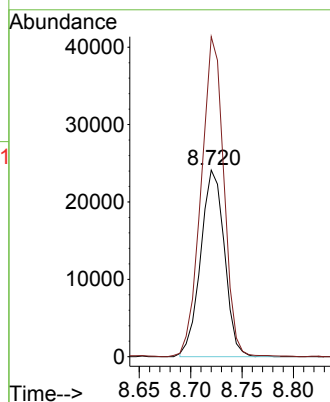
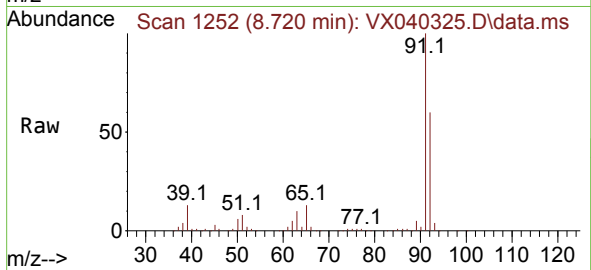




#53
t-1,3-Dichloropropene
Concen: 22.878 ug/l
RT: 8.720 min Scan# 111
Delta R.T. -0.256 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

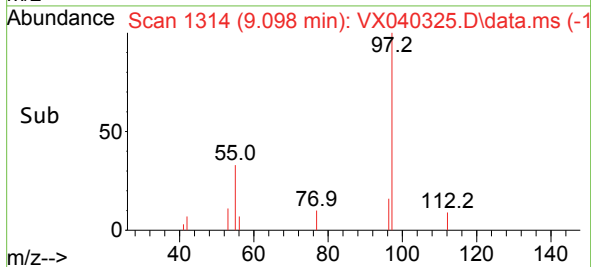
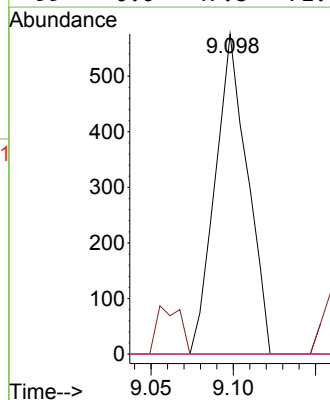
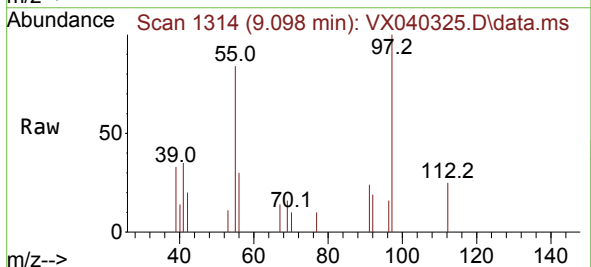
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

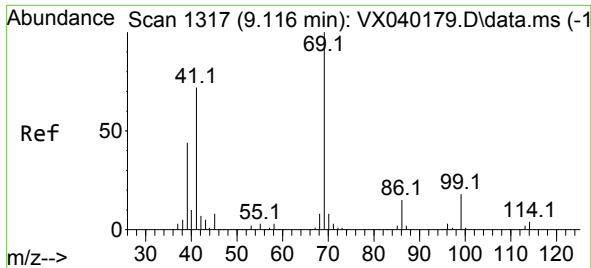
Tgt Ion: 75 Resp: 38783
Ion Ratio Lower Upper
75 100
77 171.1 25.7 38.5#



#55
1,1,2-Trichloroethane
Concen: 0.698 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 97 Resp: 784
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

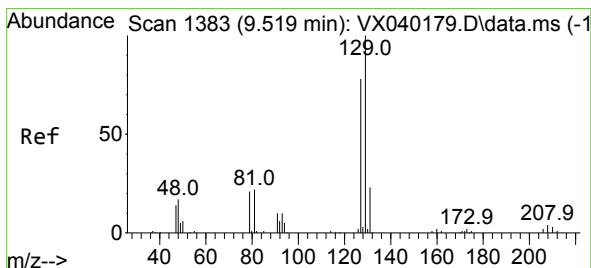
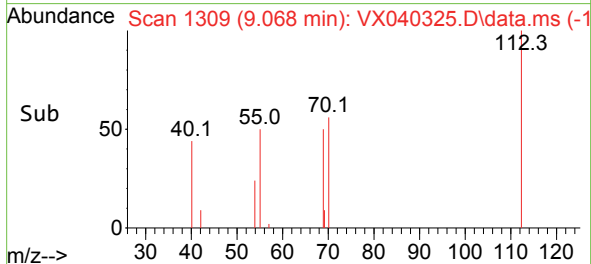
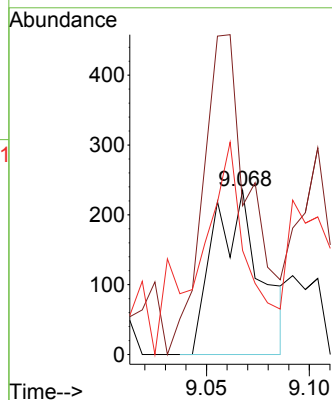
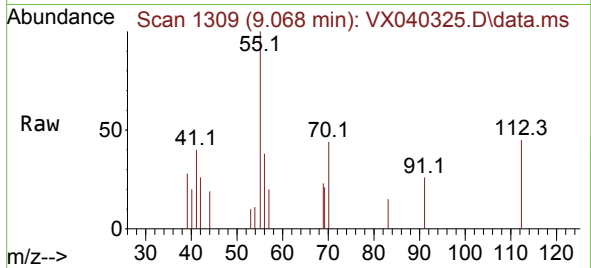




#56
Ethyl methacrylate
Concen: 0.220 ug/l
RT: 9.068 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

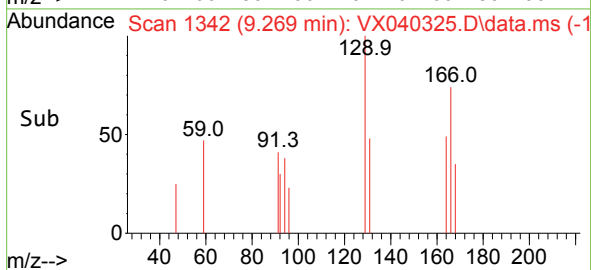
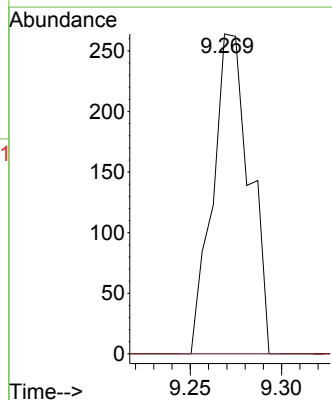
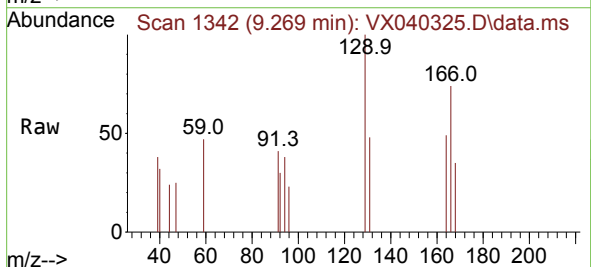
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

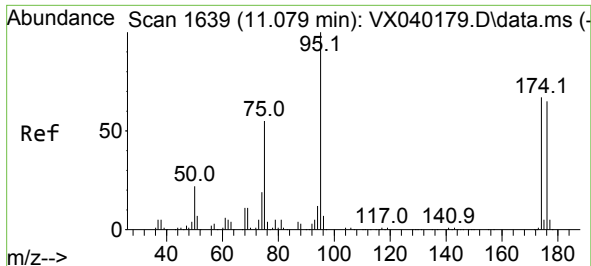
Tgt Ion: 69 Resp: 369
Ion Ratio Lower Upper
69 100
41 200.5 56.8 85.2#
39 137.7 32.0 48.0#



#60
Dibromochloromethane
Concen: 0.324 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 129 Resp: 371
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

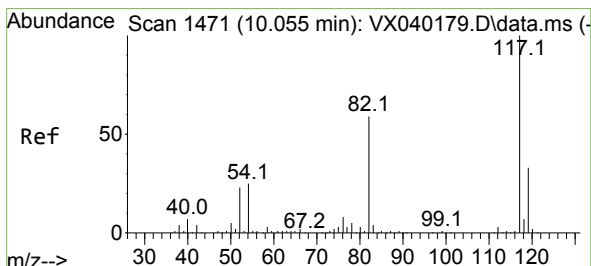
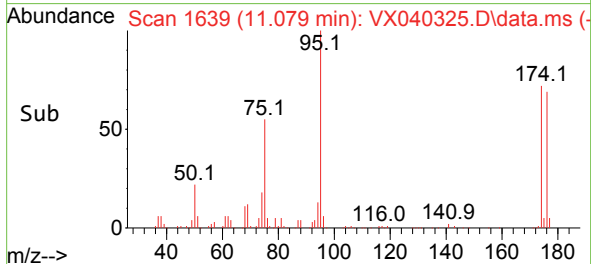
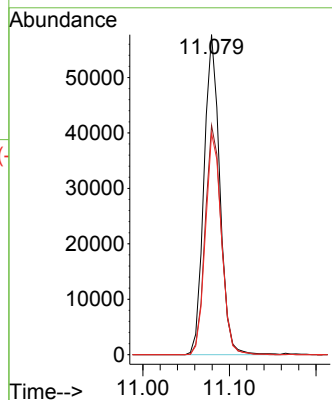
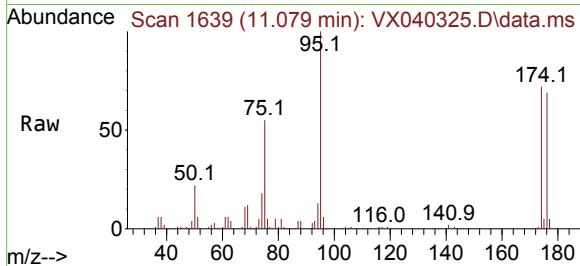




#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

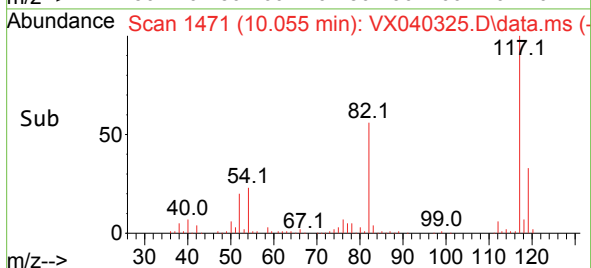
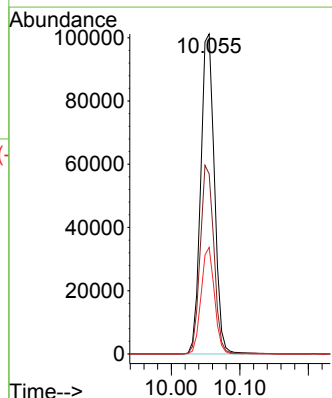
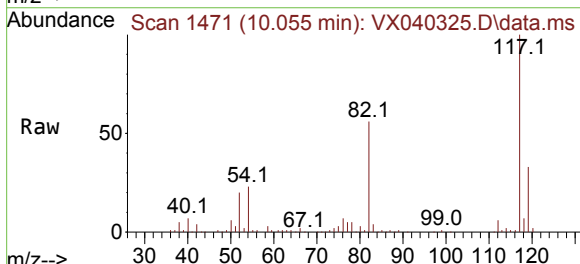
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

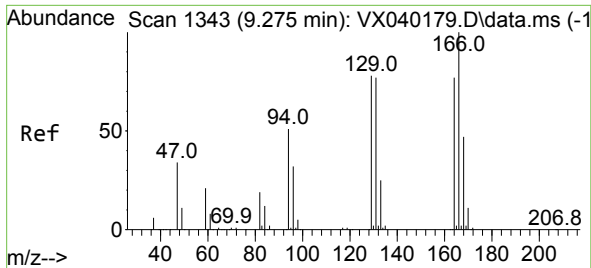
Tgt Ion: 95 Resp: 73050
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 117 Resp: 140963
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 33.3 25.5 38.3

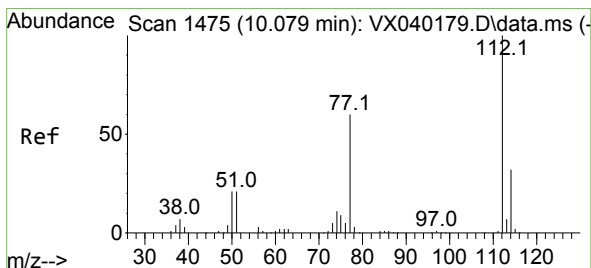
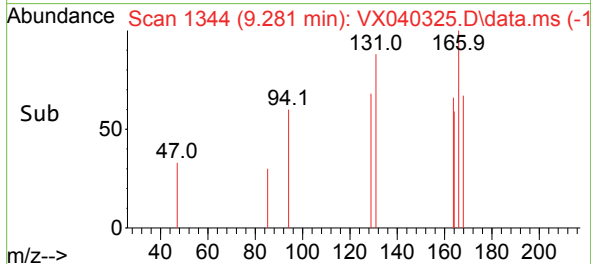
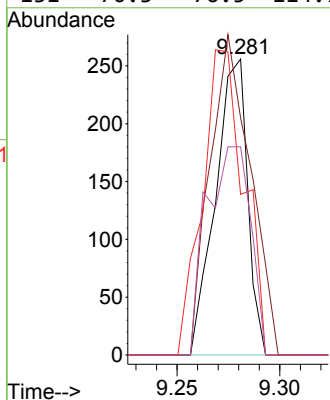
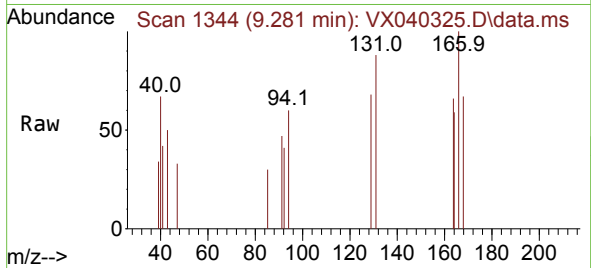




#64
Tetrachloroethene
Concen: 0.280 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

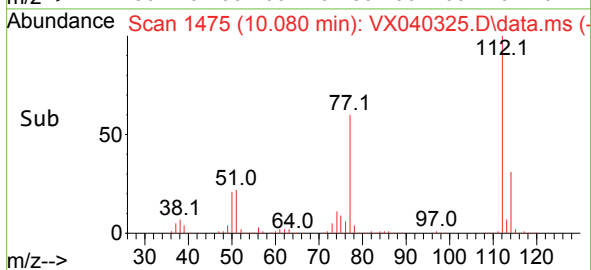
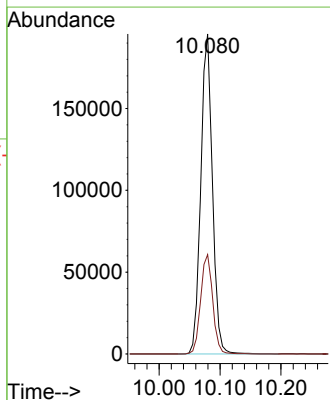
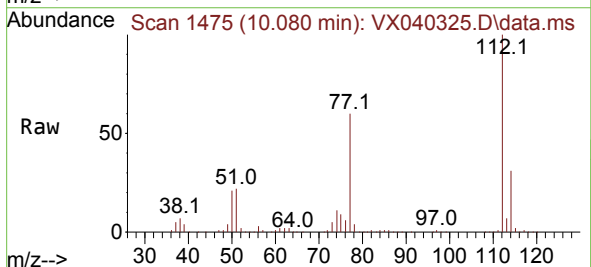
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

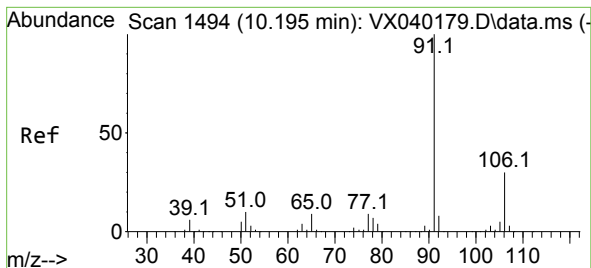
Tgt Ion:164 Resp: 277
Ion Ratio Lower Upper
164 100
166 80.1 102.7 154.1#
129 54.3 80.4 120.6#
131 70.3 76.5 114.7#



#65
Chlorobenzene
Concen: 88.257 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion:112 Resp: 259648
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

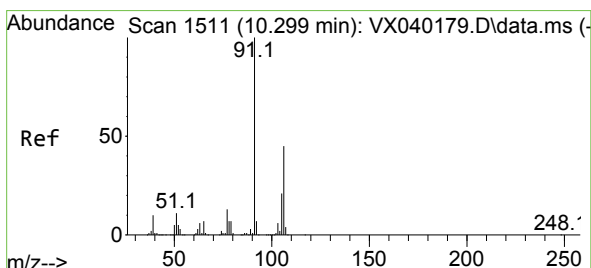
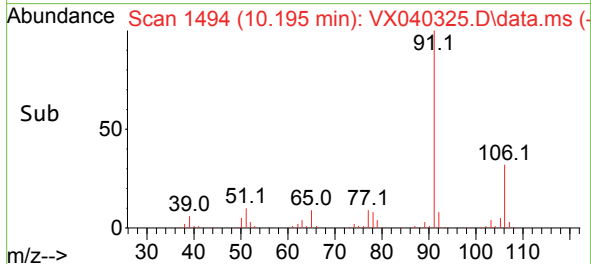
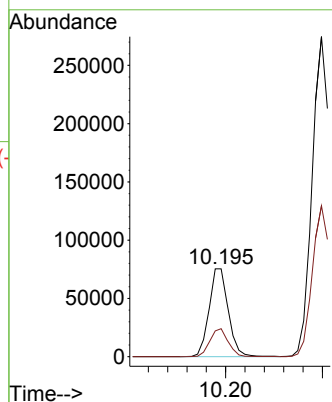
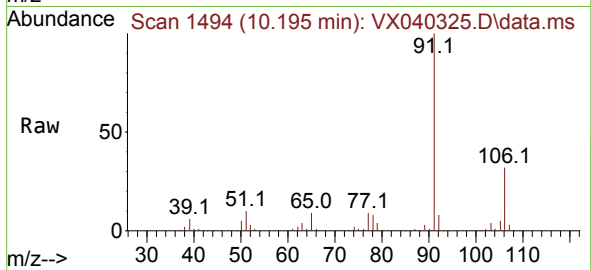




#67
Ethyl Benzene
Concen: 19.885 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

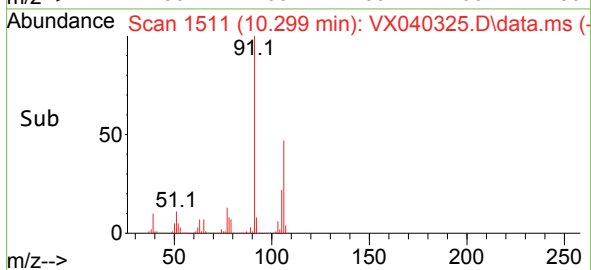
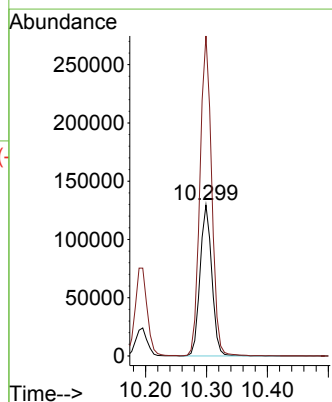
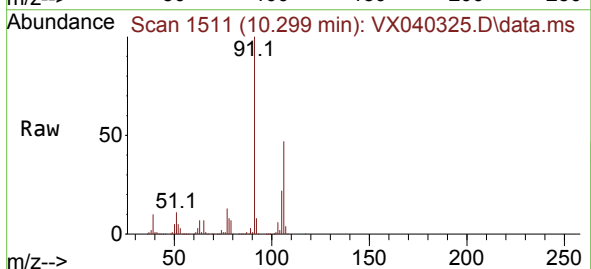
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

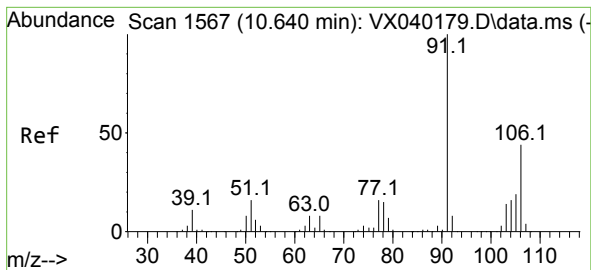
Tgt Ion: 91 Resp: 104189
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 87.594 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 106 Resp: 173336
Ion Ratio Lower Upper
106 100
91 211.7 165.5 248.3





#69

o-Xylene

Concen: 23.009 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

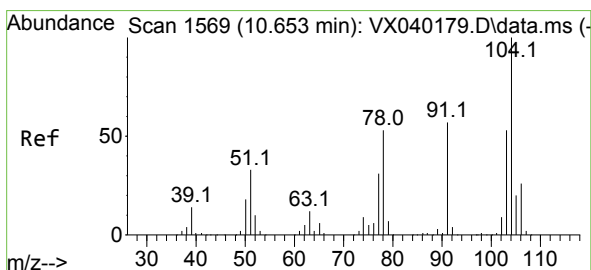
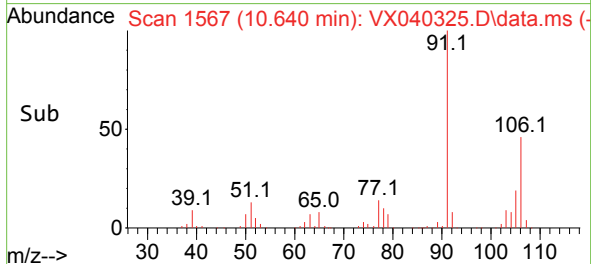
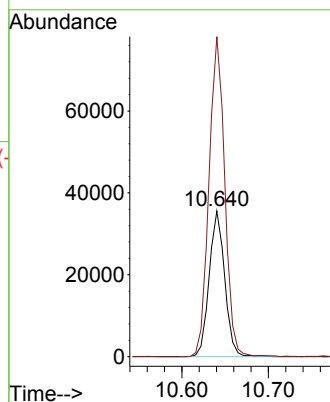
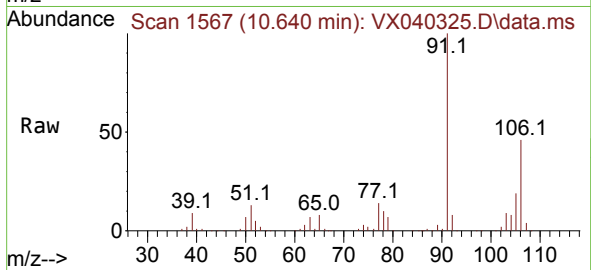
B-2(4-6)

Tgt Ion:106 Resp: 44246

Ion Ratio Lower Upper

106 100

91 223.9 108.9 326.8



#70

Styrene

Concen: 9.373 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

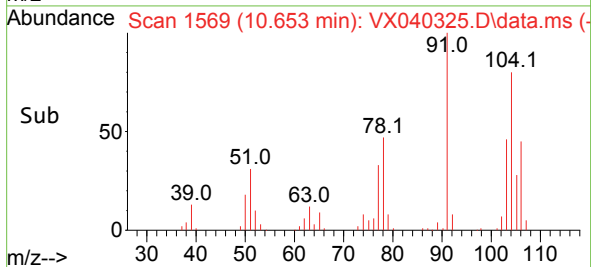
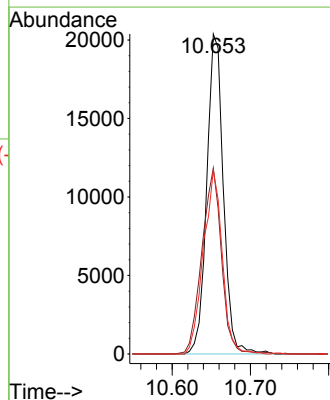
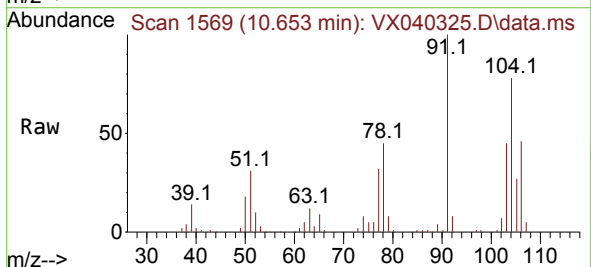
Tgt Ion:104 Resp: 29967

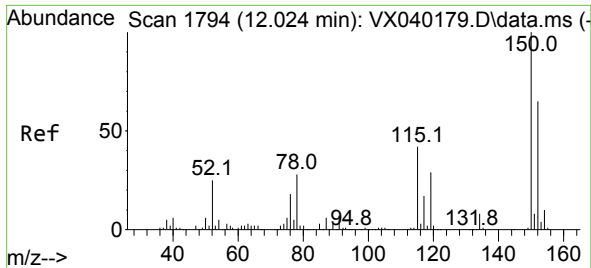
Ion Ratio Lower Upper

104 100

78 68.0 43.6 65.4#

103 65.3 43.6 65.4

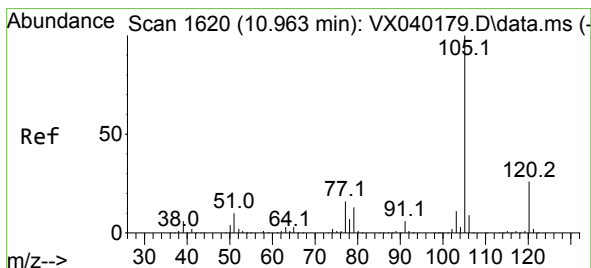
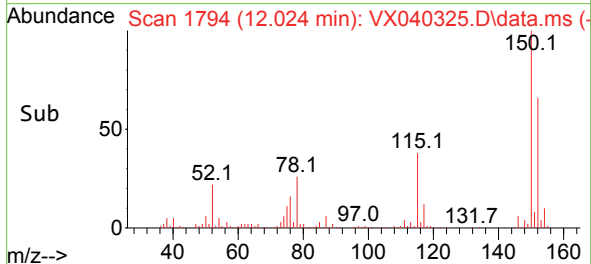
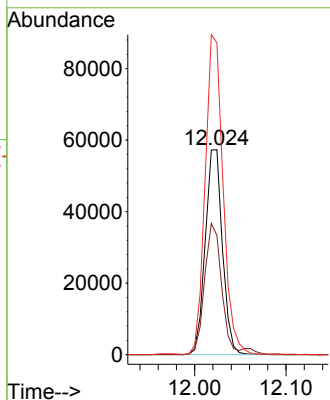
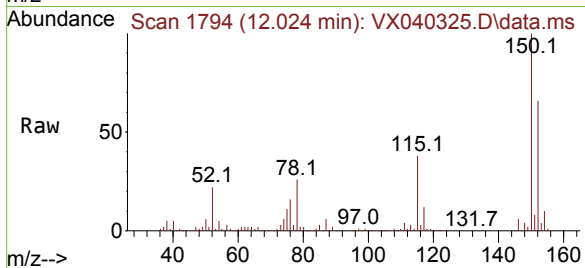




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

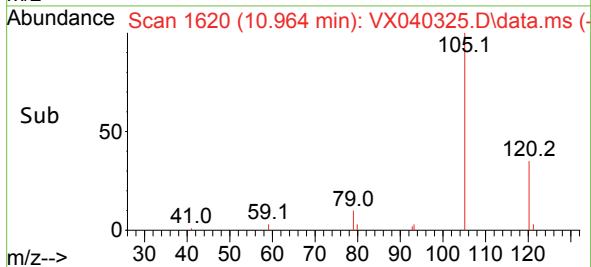
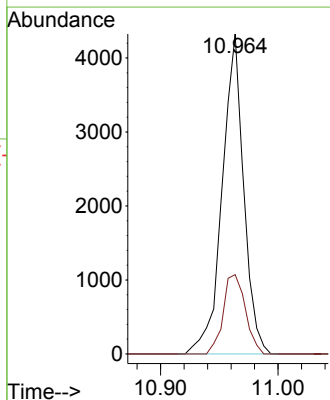
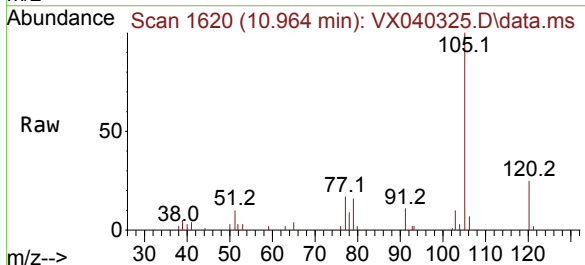
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

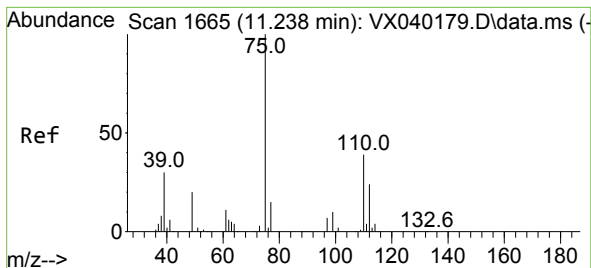
Tgt Ion:152 Resp: 74642
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 162.1 0.0 345.0



#73
Isopropylbenzene
Concen: 1.047 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion:105 Resp: 5505
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

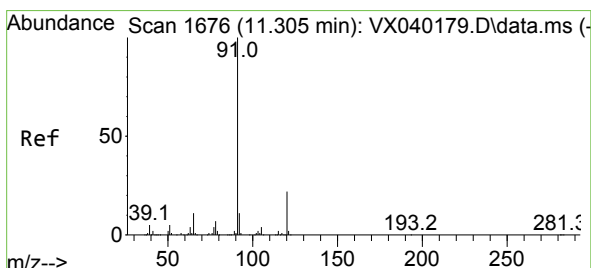
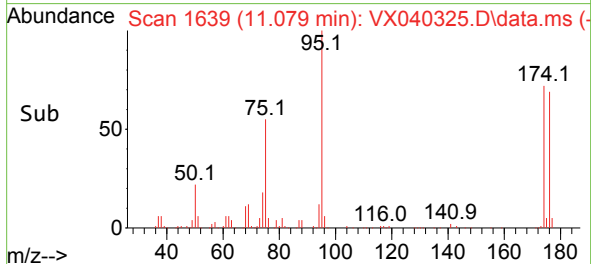
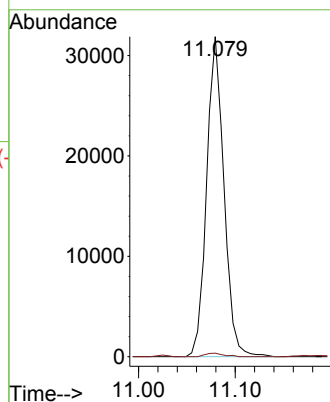
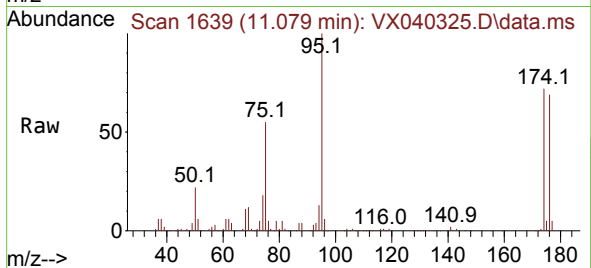




#76
1,2,3-Trichloropropane
Concen: 26.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

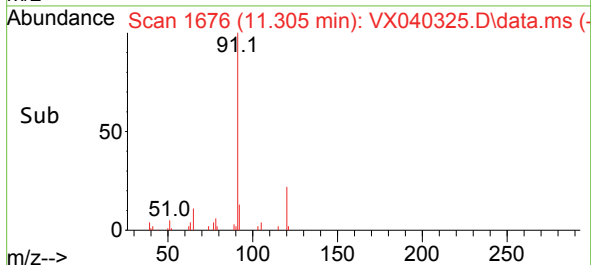
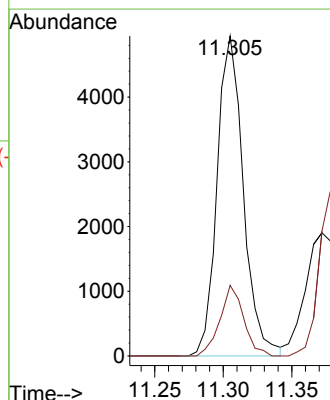
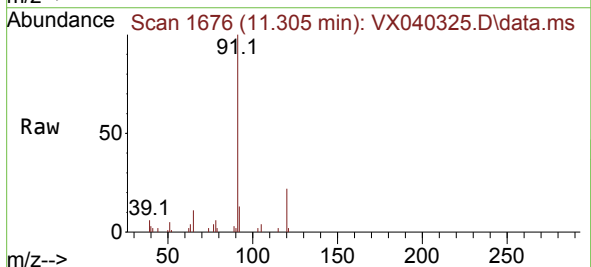
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

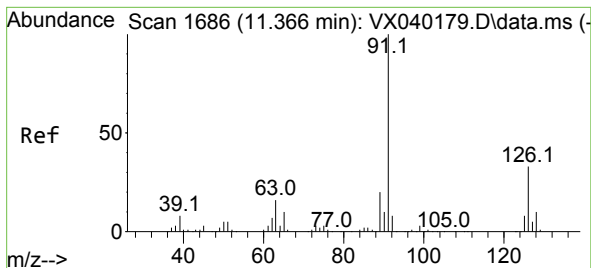
Tgt Ion: 75 Resp: 39716
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#78
n-propylbenzene
Concen: 1.035 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 91 Resp: 6585
Ion Ratio Lower Upper
91 100
120 20.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.625 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.092 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

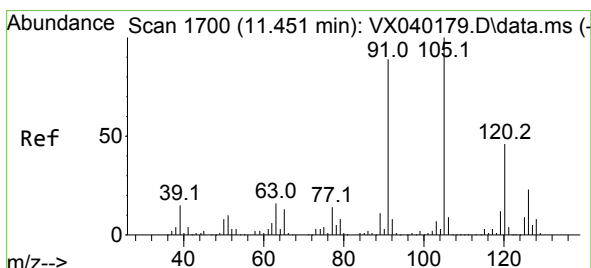
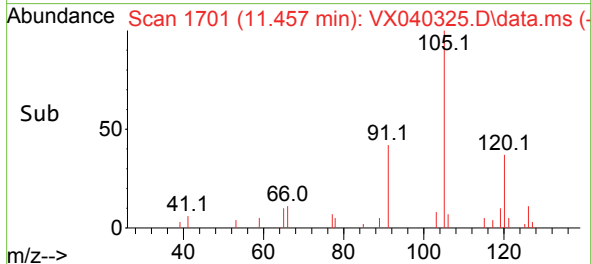
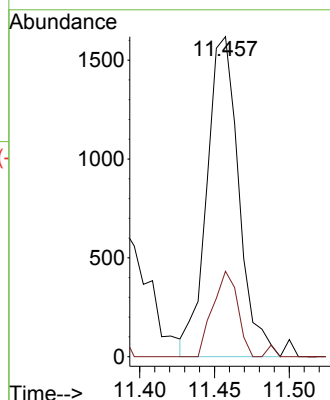
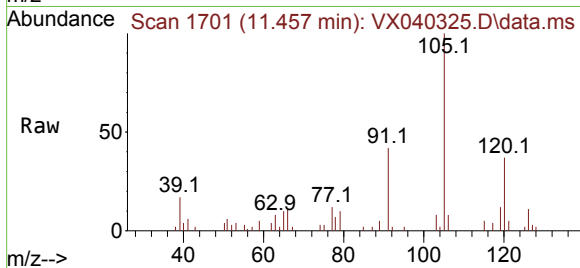
B-2(4-6)

Tgt Ion: 91 Resp: 2404

Ion Ratio Lower Upper

91 100

126 20.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 1.349 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040325.D

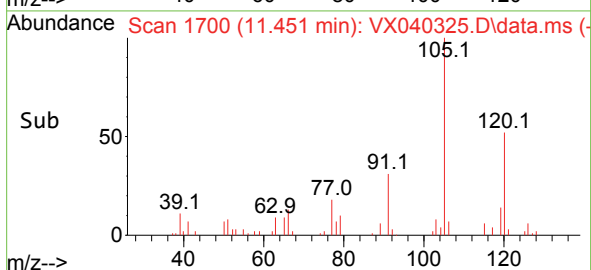
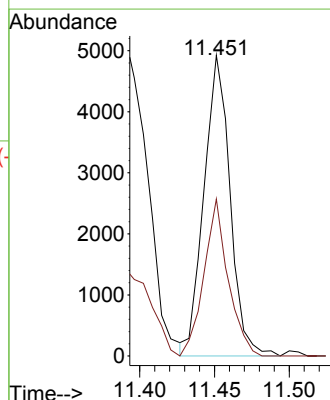
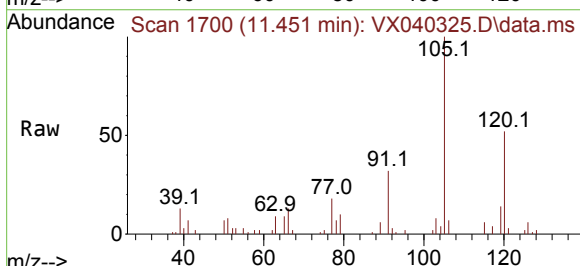
Acq: 19 Feb 2024 13:07

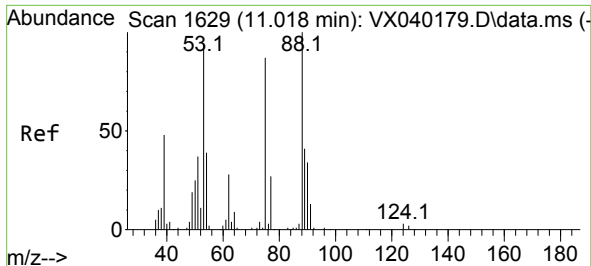
Tgt Ion:105 Resp: 5969

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

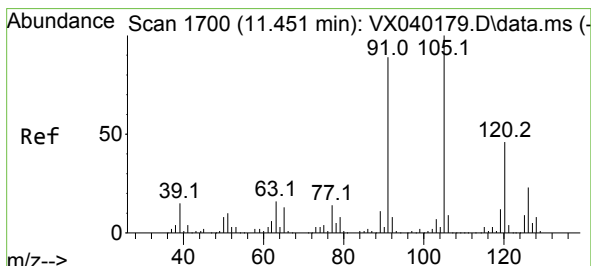
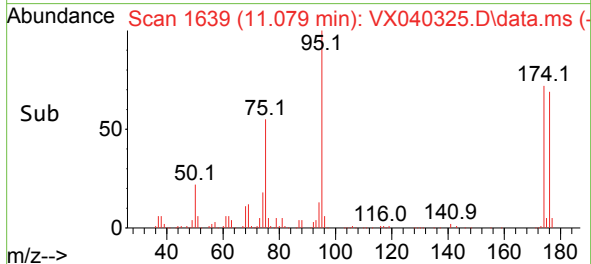
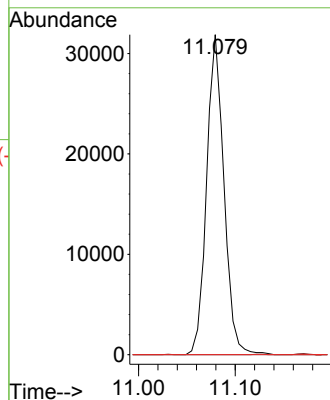
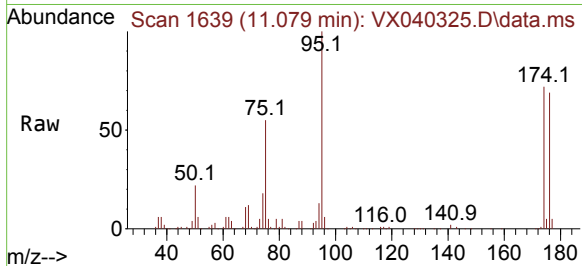




#81
trans-1,4-Dichloro-2-butene
Concen: 72.096 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

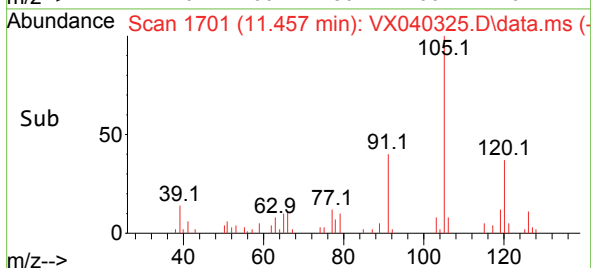
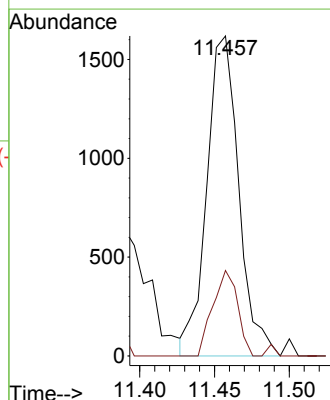
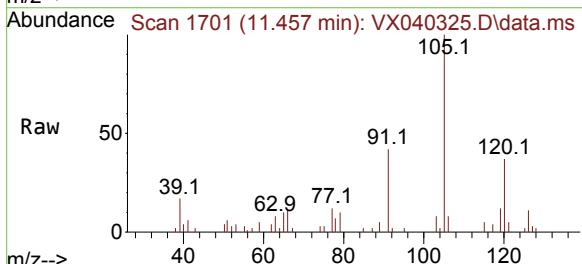
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)

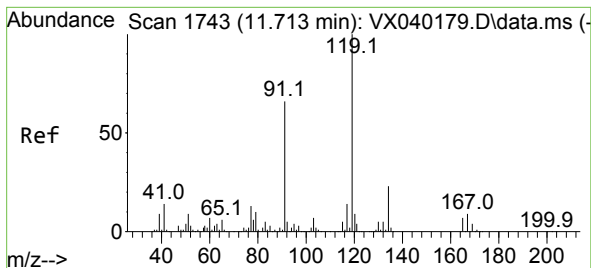
Tgt Ion: 75 Resp: 39716
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.528 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040325.D
Acq: 19 Feb 2024 13:07

Tgt Ion: 91 Resp: 2404
Ion Ratio Lower Upper
91 100
126 20.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.314 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

B-2(4-6)

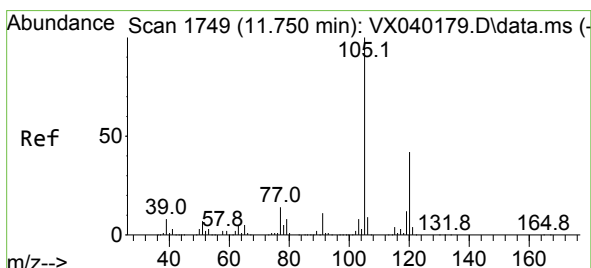
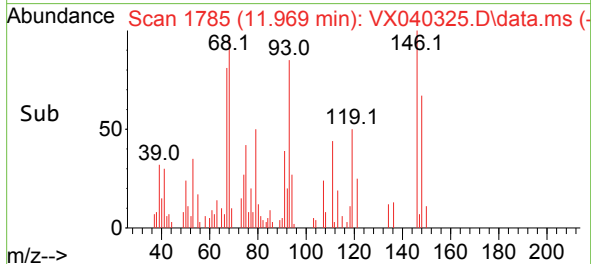
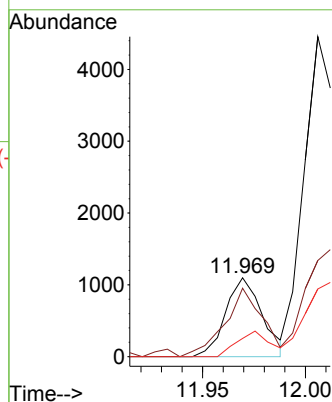
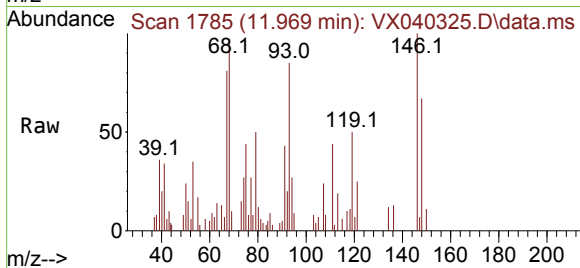
Tgt Ion:119 Resp: 1361

Ion Ratio Lower Upper

119 100

91 89.5 31.2 93.6

134 29.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.916 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040325.D

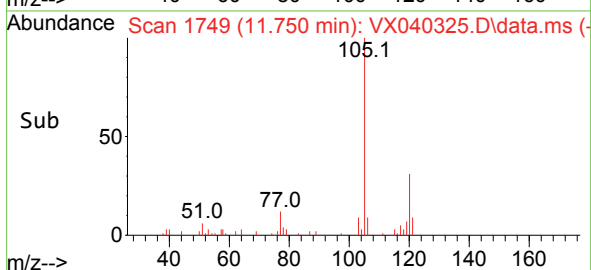
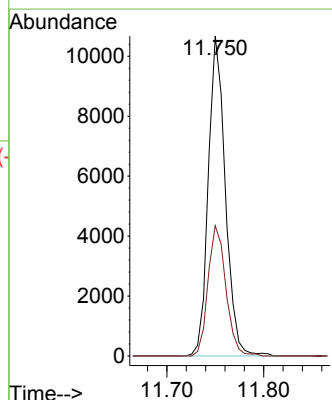
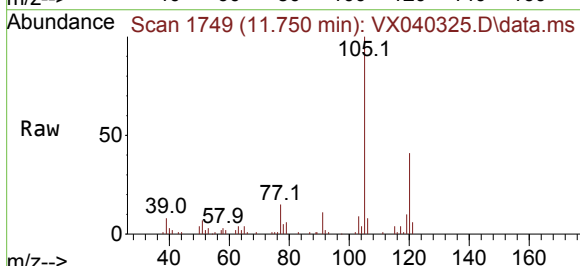
Acq: 19 Feb 2024 13:07

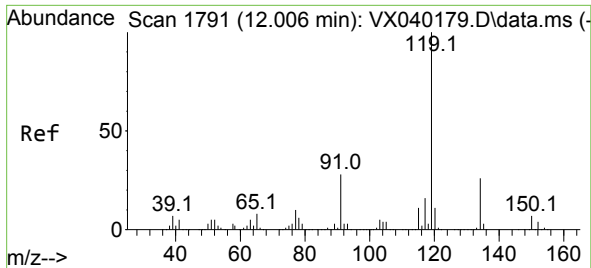
Tgt Ion:105 Resp: 13056

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6

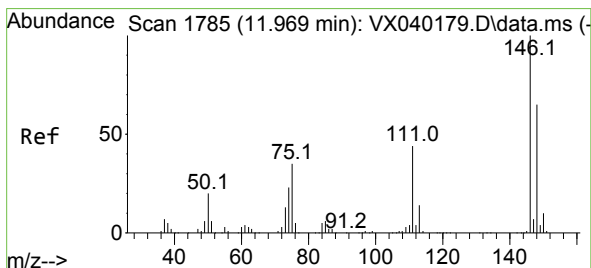
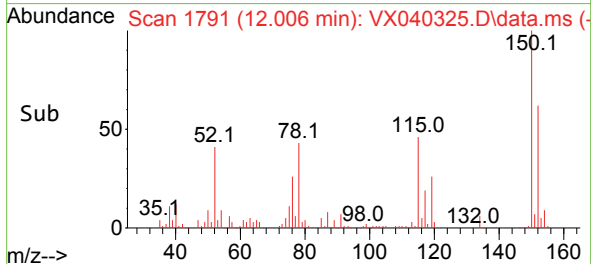
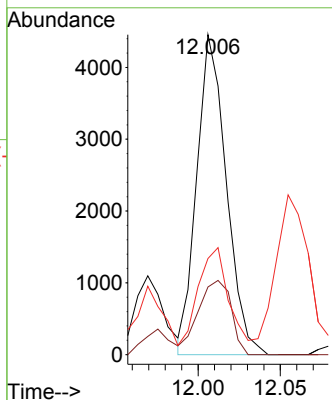
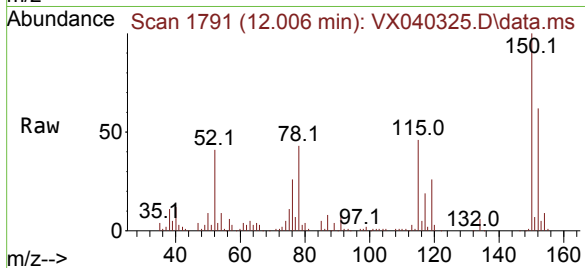




#86
 p-Isopropyltoluene
 Concen: 1.217 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040325.D
 Acq: 19 Feb 2024 13:07

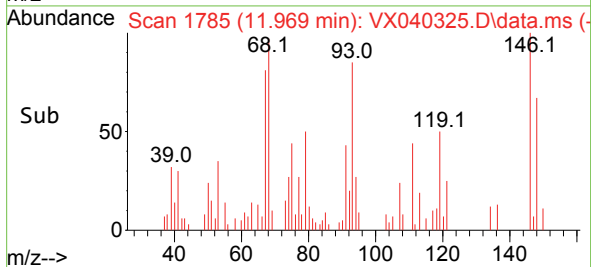
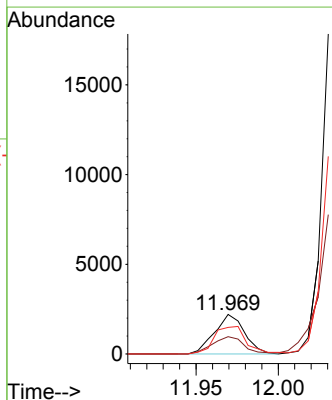
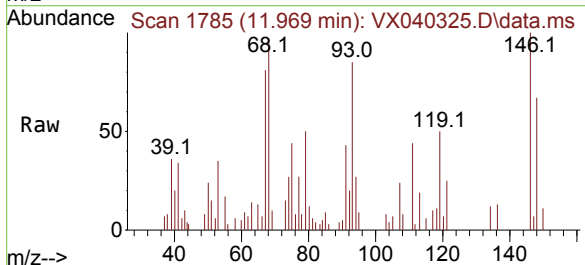
Instrument :
 MSVOA_X
 ClientSampleId :
 B-2(4-6)

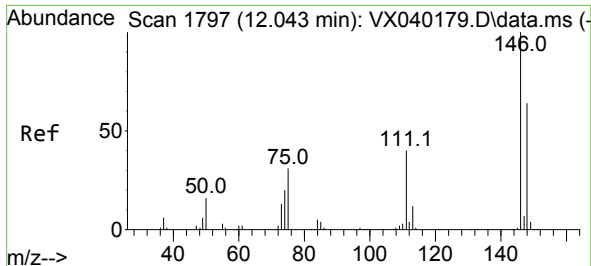
Tgt Ion:119	Resp:	5562
Ion	Ratio	Lower Upper
119	100	
134	25.8	12.8 38.3
91	30.2	13.1 39.3



#87
 1,3-Dichlorobenzene
 Concen: 1.138 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX040325.D
 Acq: 19 Feb 2024 13:07

Tgt Ion:146	Resp:	2799
Ion	Ratio	Lower Upper
146	100	
111	46.7	22.1 66.1
148	75.4	31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 17.374 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

B-2(4-6)

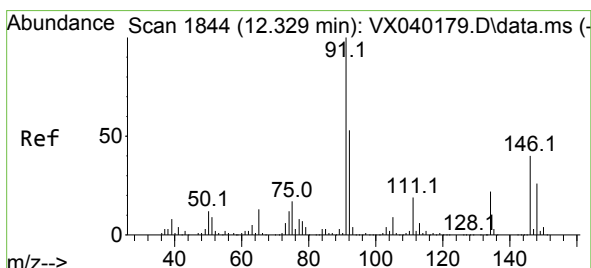
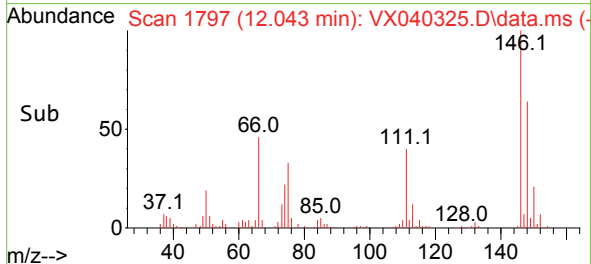
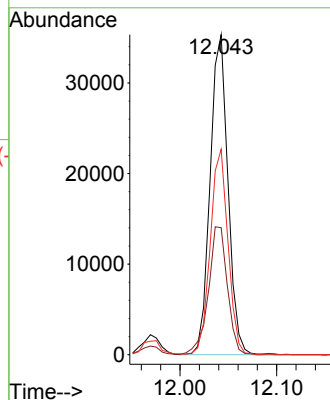
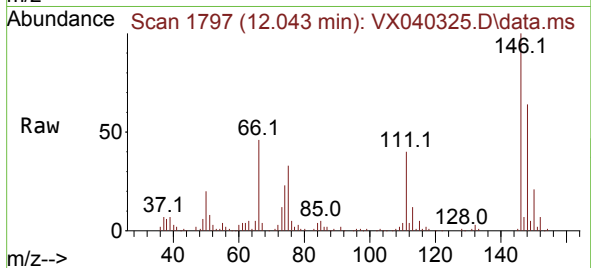
Tgt Ion:146 Resp: 45263

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.7

148 63.9 31.8 95.4



#89

n-Butylbenzene

Concen: 1.455 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

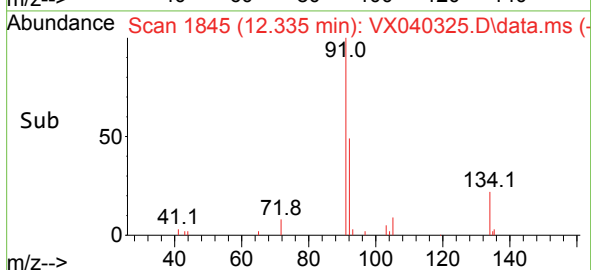
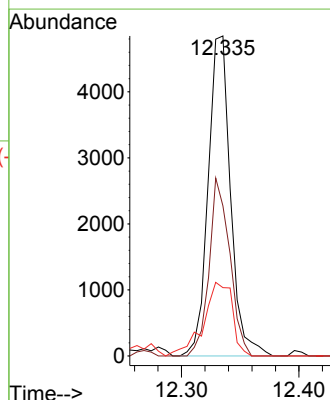
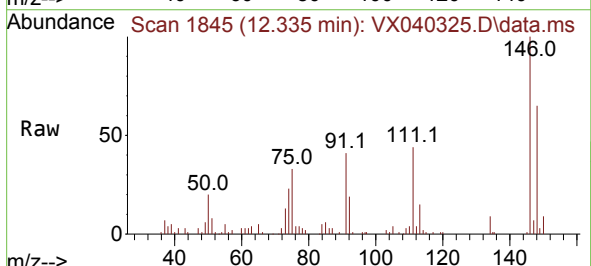
Tgt Ion: 91 Resp: 6421

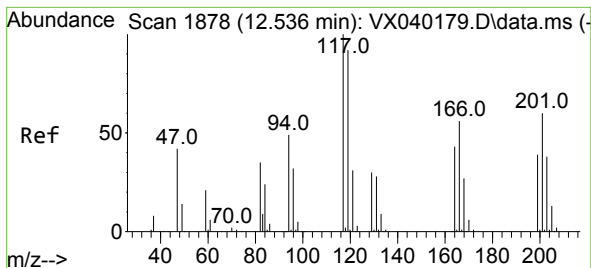
Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

134 29.6 12.6 37.8





#90

Hexachloroethane

Concen: 0.221 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

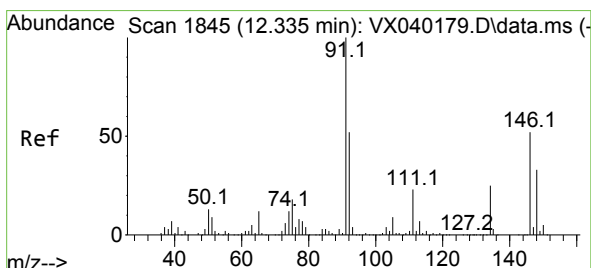
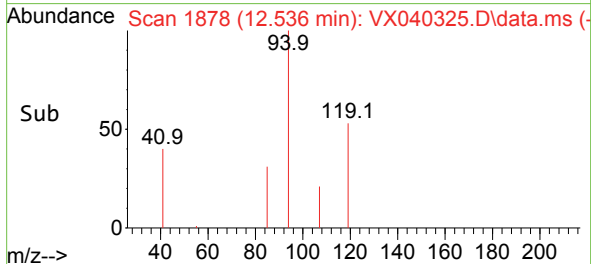
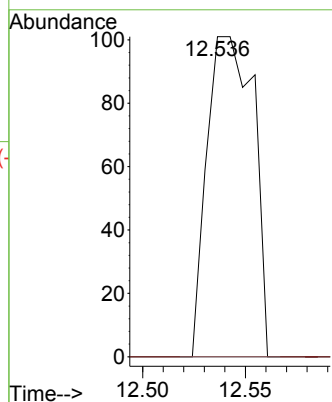
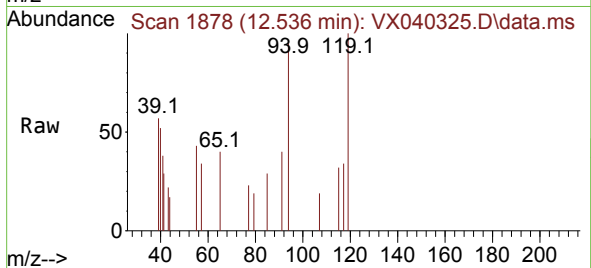
B-2(4-6)

Tgt Ion:117 Resp: 159

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 5.892 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

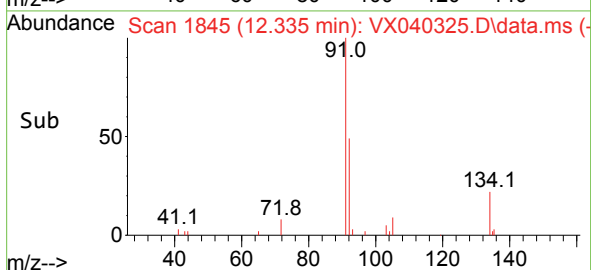
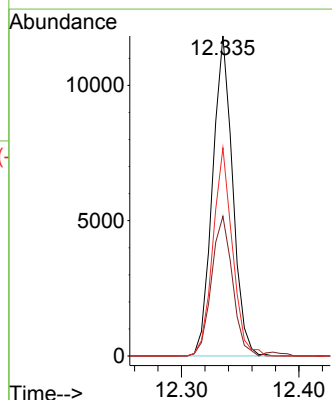
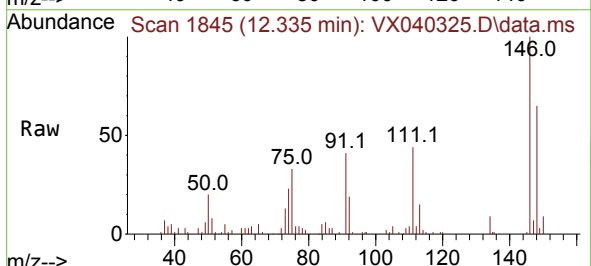
Tgt Ion:146 Resp: 14034

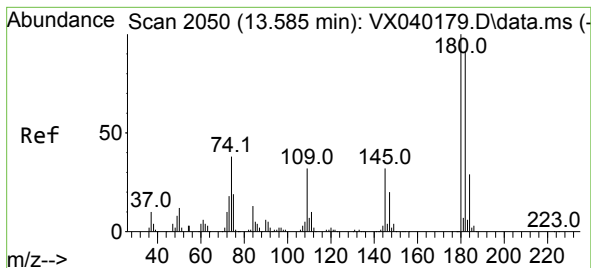
Ion Ratio Lower Upper

146 100

111 45.5 22.4 67.0

148 63.3 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1.336 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

B-2(4-6)

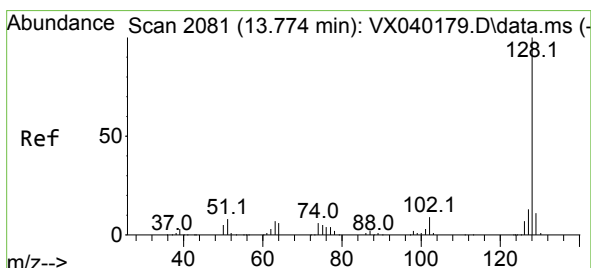
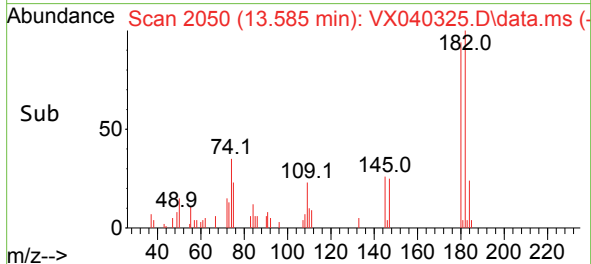
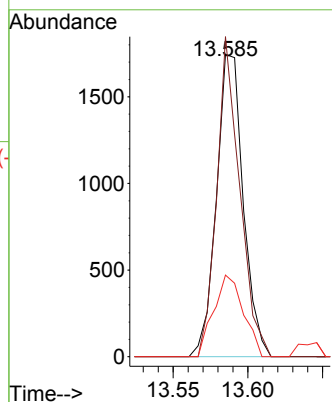
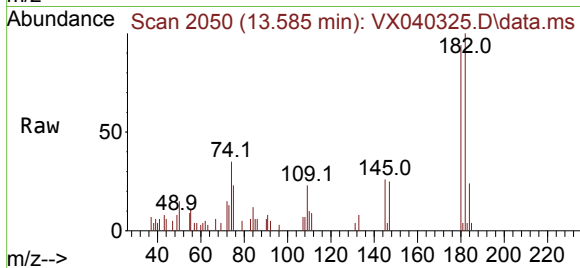
Tgt Ion:180 Resp: 2178

Ion Ratio Lower Upper

180 100

182 90.4 48.3 144.8

145 29.8 18.0 54.0



#95

Naphthalene

Concen: 11.653 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040325.D

Acq: 19 Feb 2024 13:07

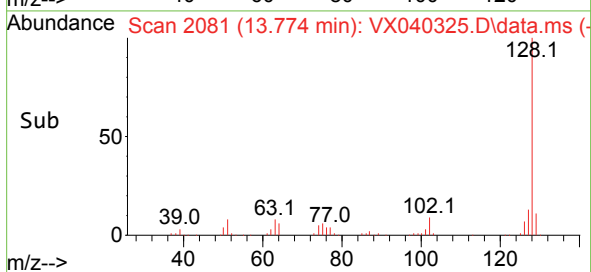
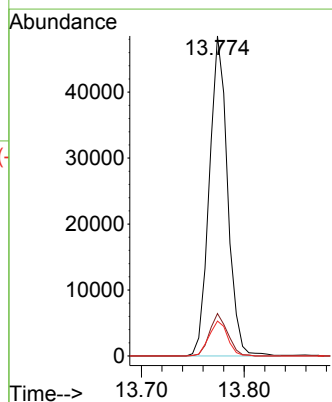
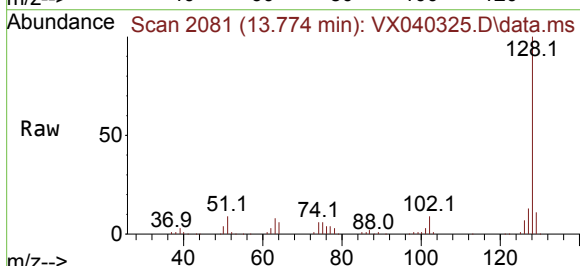
Tgt Ion:128 Resp: 60012

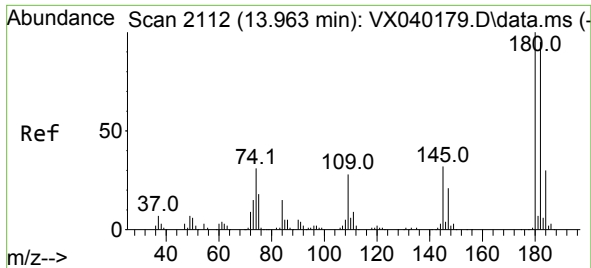
Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.166 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX040325.D
 Acq: 19 Feb 2024 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2(4-6)

Tgt Ion:180 Resp: 1813
 Ion Ratio Lower Upper
 180 100
 182 92.3 46.9 140.6
 145 36.5 17.8 53.5

