

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040329.D
 Acq On : 19 Feb 2024 14:41
 Operator : JC/MD
 Sample : P1395-04DL 400X
 Misc : 3.42g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2(6-8)DL

Quant Time: Feb 20 01:15:25 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)

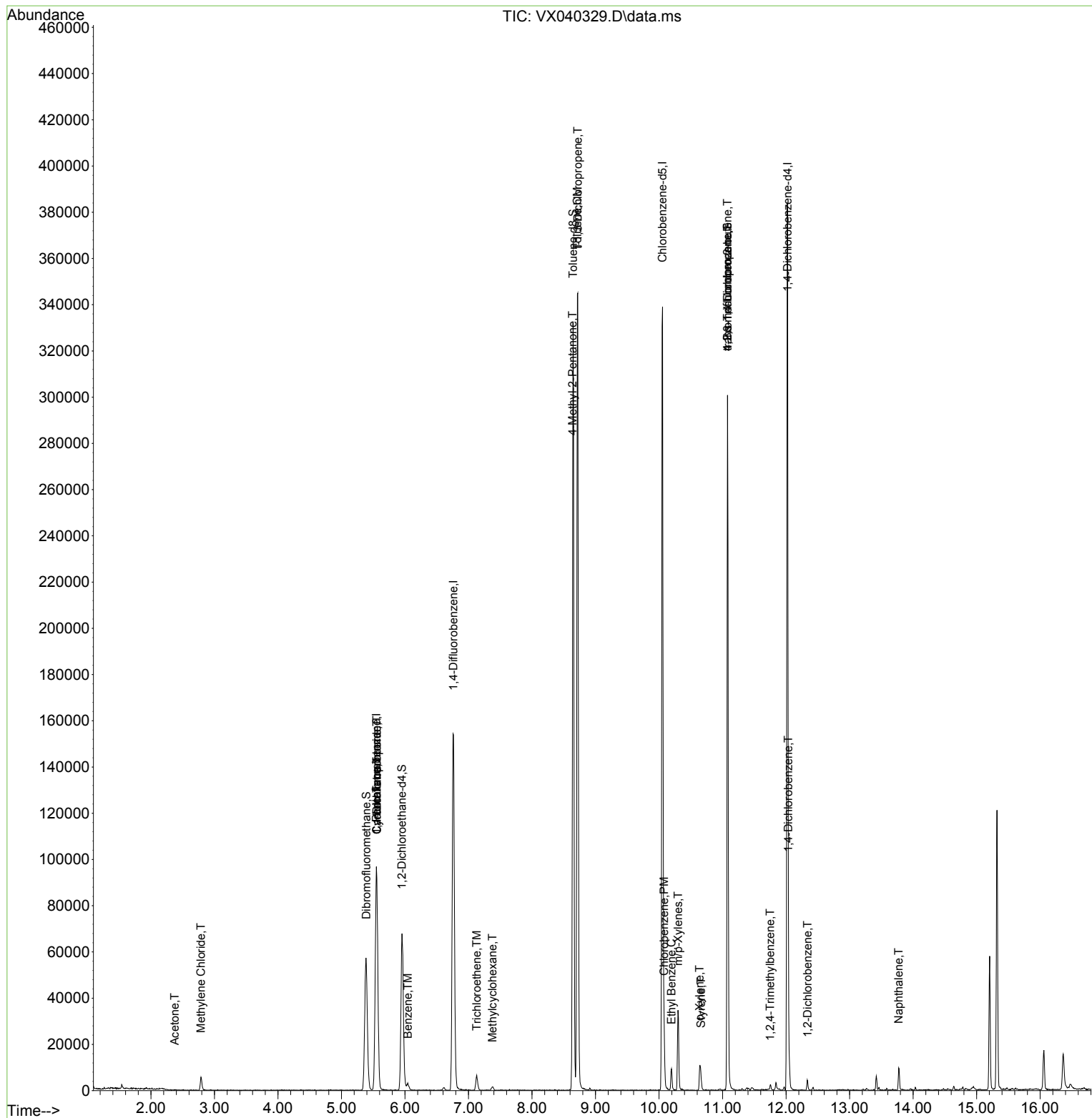
Internal Standards						
1) Pentafluorobenzene	5.550	168	87557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65256	50.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.200%			
35) Dibromofluoromethane	5.391	113	49397	44.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.920%			
50) Toluene-d8	8.647	98	190601	46.382	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.760%			
62) 4-Bromofluorobenzene	11.079	95	76118	45.417	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.840%			
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	168	0.314	ug/l #	47
20) Methylene Chloride	2.788	84	2436	0.862	ug/l #	91
31) Cyclohexane	5.556	56	2398	1.543	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	7454	4.844	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9412	6.432	ug/l #	14
39) Methylcyclohexane	7.379	83	783	0.438	ug/l #	80
40) Benzene	6.044	78	2926	0.680	ug/l	97
44) Trichloroethene	7.129	130	2316	1.951	ug/l	73
51) 4-Methyl-2-Pentanone	8.641	43	1163	0.637	ug/l #	1
52) Toluene	8.714	92	130981	46.466	ug/l	94
53) t-1,3-Dichloropropene	8.720	75	1671	2.796	ug/l #	1
65) Chlorobenzene	10.080	112	8901	2.846	ug/l	96
67) Ethyl Benzene	10.195	91	5911	1.061	ug/l	98
68) m/p-Xylenes	10.299	106	8100	3.850	ug/l	96
69) o-Xylene	10.640	106	2130	1.042	ug/l	97
70) Styrene	10.659	104	2547	0.749	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	41342	26.382	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41342	72.373	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	1245	0.268	ug/l	87
88) 1,4-Dichlorobenzene	12.037	146	4193	1.552	ug/l	87
91) 1,2-Dichlorobenzene	12.341	146	1273	0.516	ug/l	90
95) Naphthalene	13.774	128	6566	1.230	ug/l	97

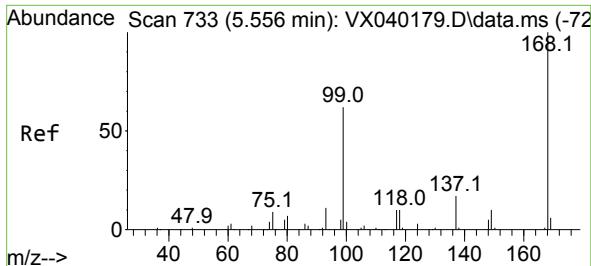
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
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Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

Quant Time: Feb 20 01:15:25 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

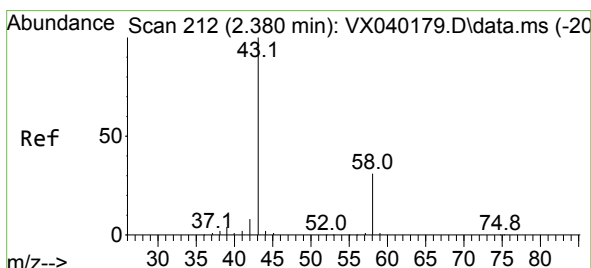
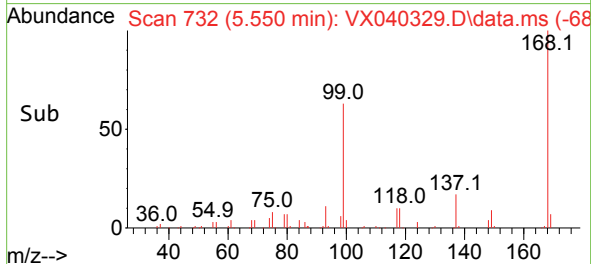
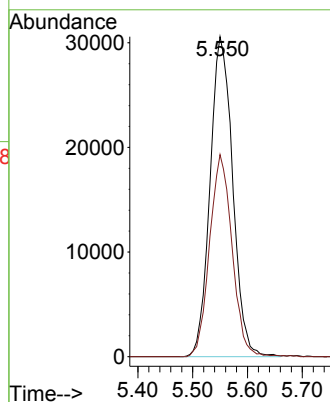
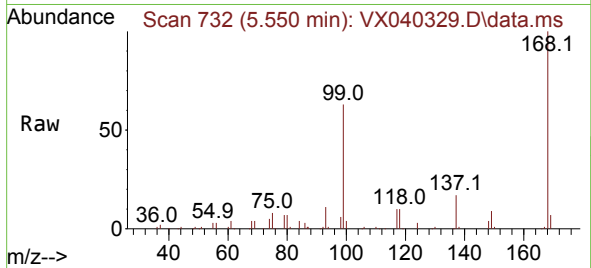




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

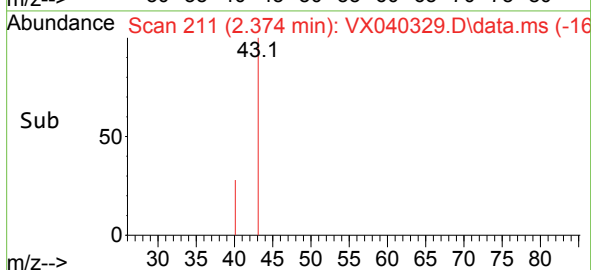
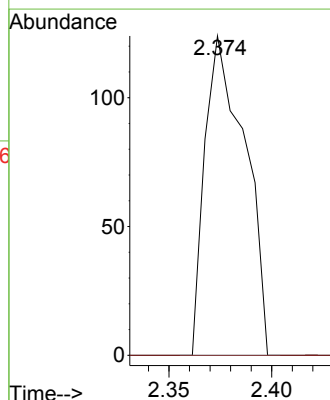
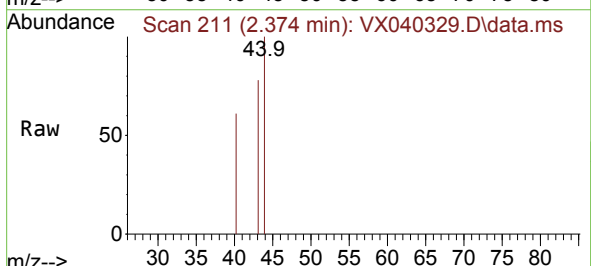
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

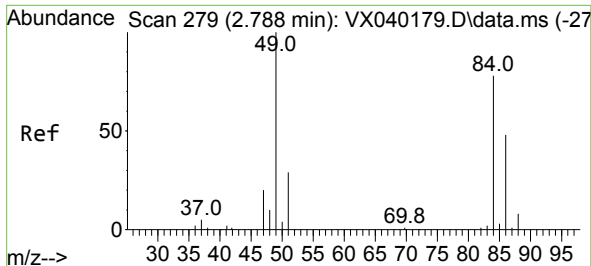
Tgt Ion:168 Resp: 87557
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 0.314 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

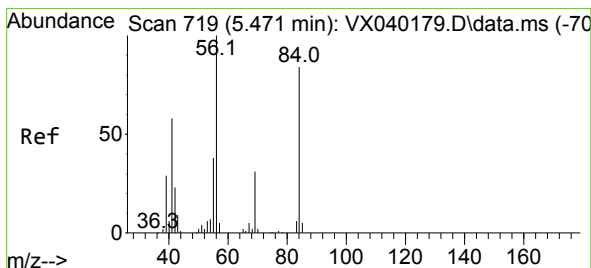
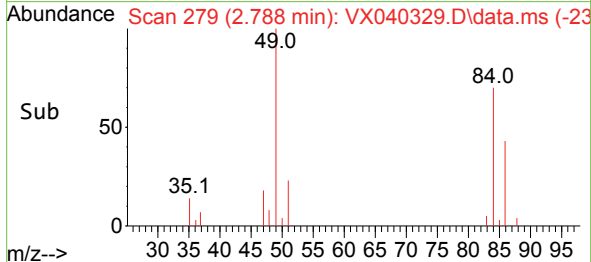
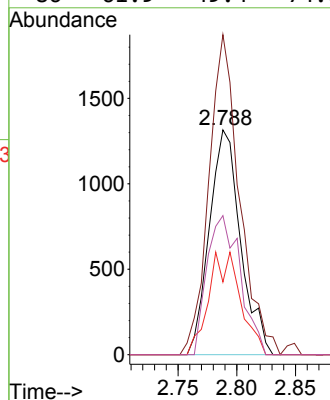
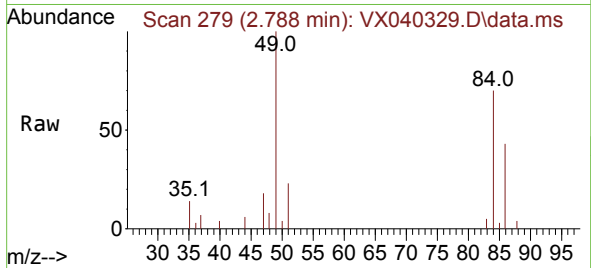




#20
Methylene Chloride
Concen: 0.862 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

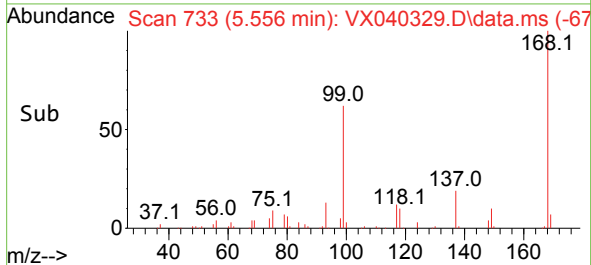
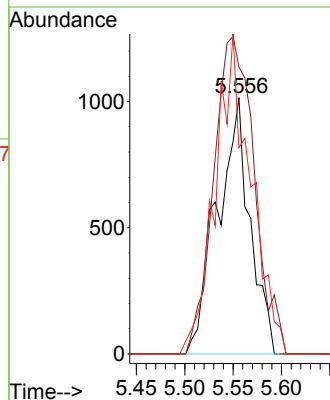
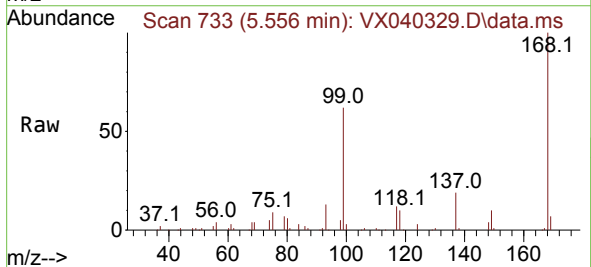
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

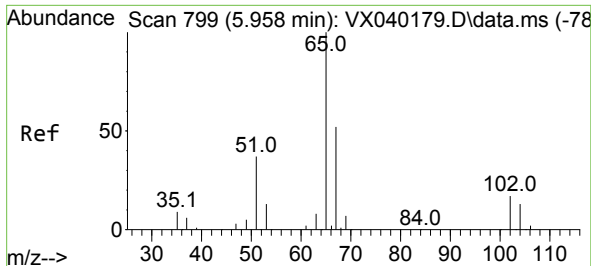
Tgt Ion:	84	Resp:	2436
Ion	Ratio	Lower	Upper
84	100		
49	142.3	103.6	155.4
51	32.3	33.8	50.6#
86	61.9	49.4	74.0



#31
Cyclohexane
Concen: 1.543 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion:	56	Resp:	2398
Ion	Ratio	Lower	Upper
56	100		
69	111.9	23.4	35.2#
84	80.4	65.9	98.9

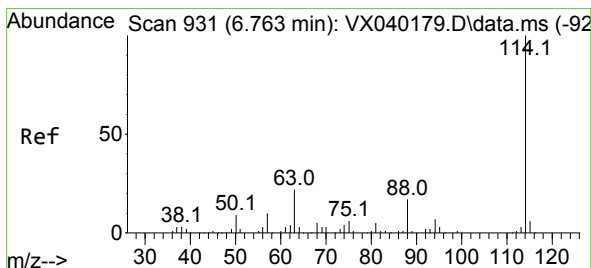
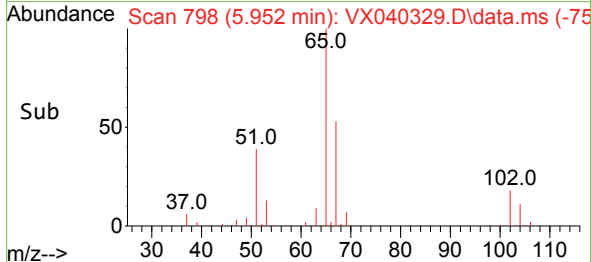
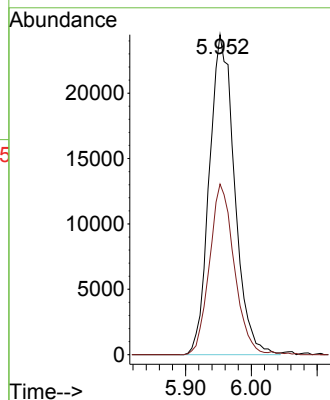
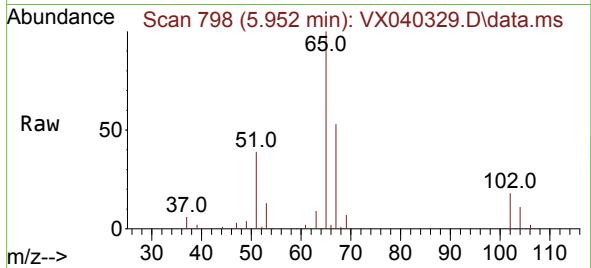




#33
 1,2-Dichloroethane-d4
 Concen: 50.097 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040329.D
 Acq: 19 Feb 2024 14:41

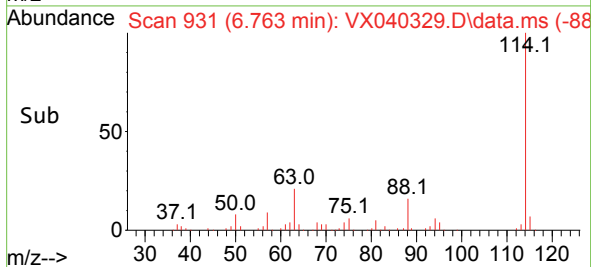
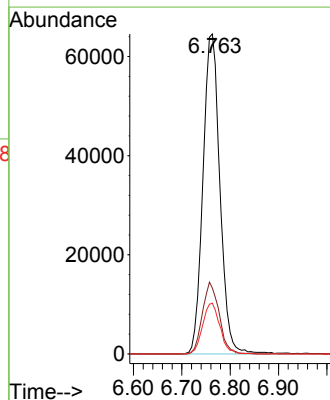
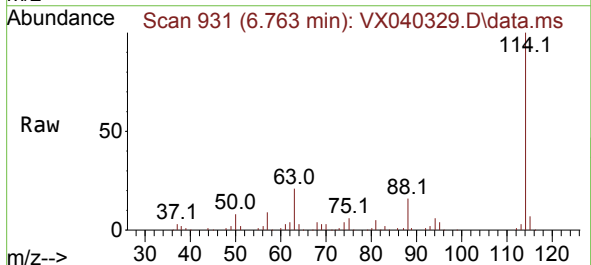
Instrument :
 MSVOA_X
 ClientSampleId :
 B-2(6-8)DL

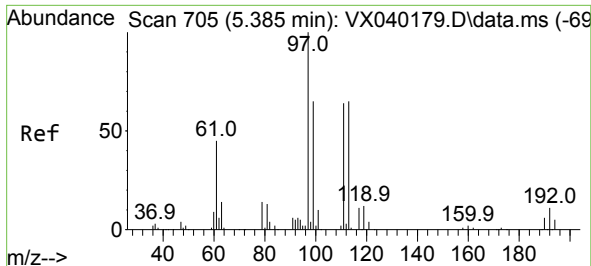
Tgt Ion: 65 Resp: 65256
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040329.D
 Acq: 19 Feb 2024 14:41

Tgt Ion: 114 Resp: 157310
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.9 0.0 36.6

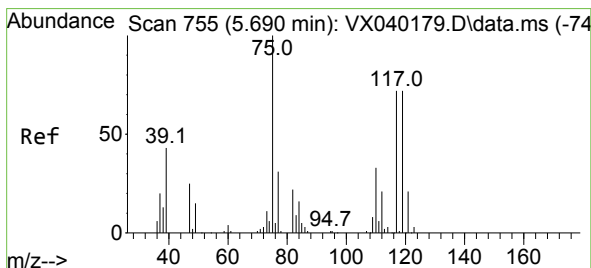
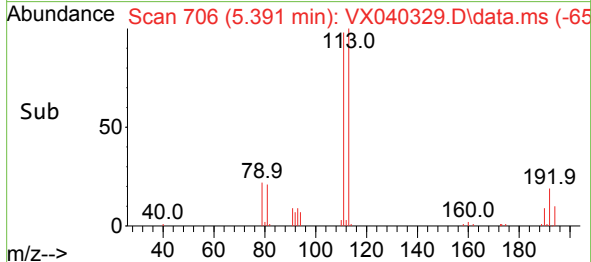
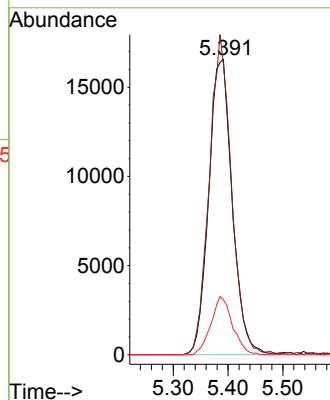
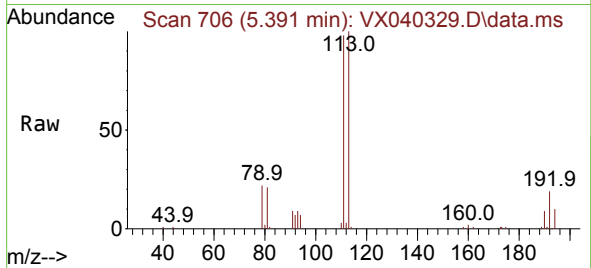




#35
Dibromofluoromethane
Concen: 44.965 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

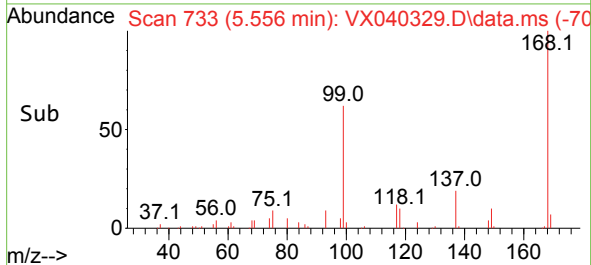
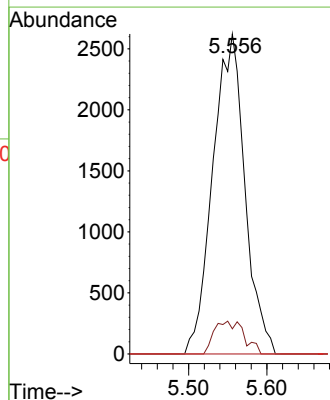
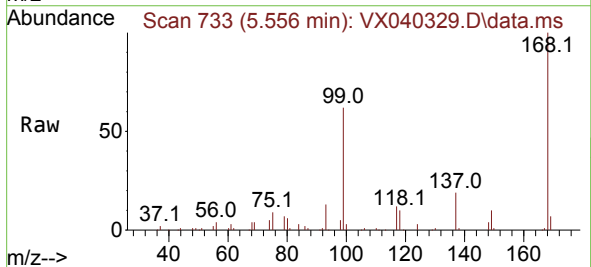
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

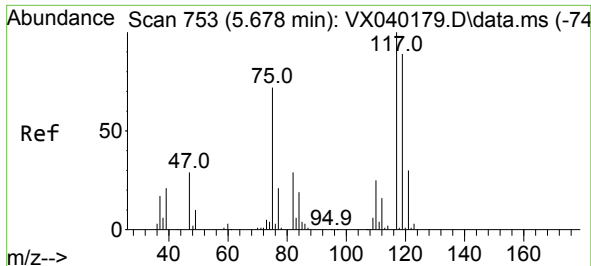
Tgt Ion:113 Resp: 49397
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 75 Resp: 7454
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#

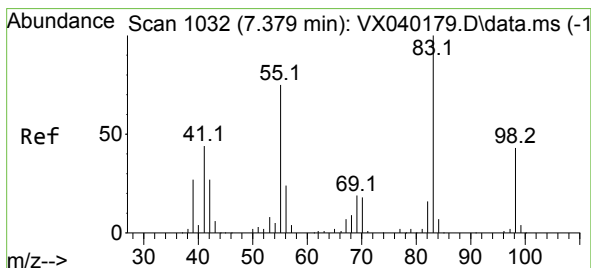
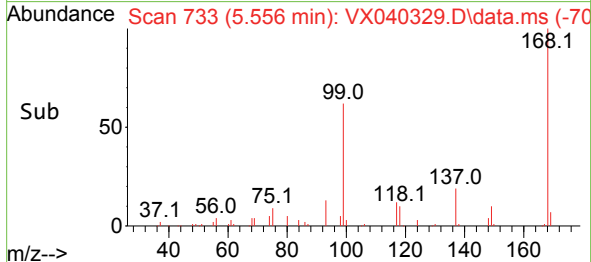
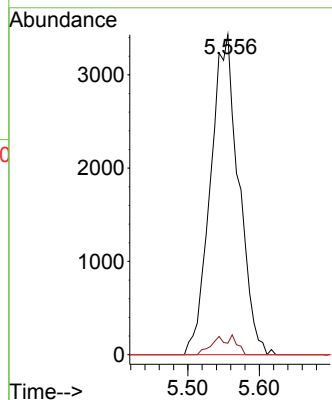
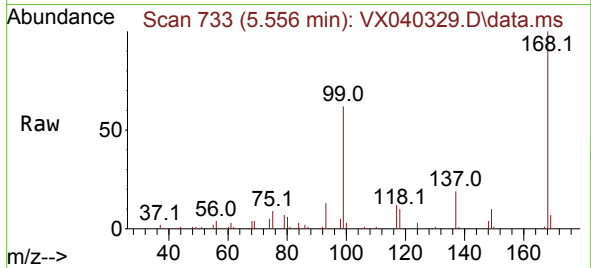




#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

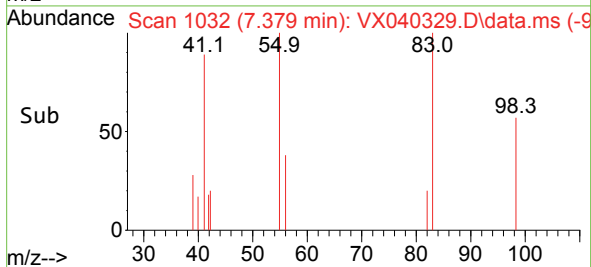
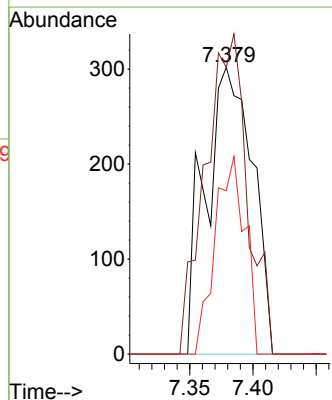
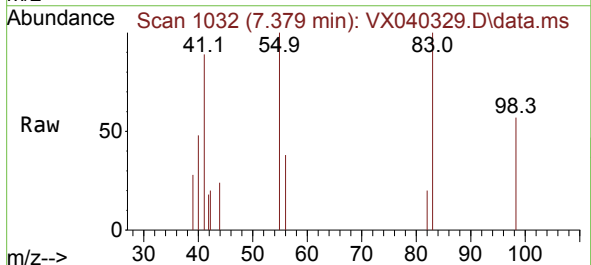
Instrument :
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ClientSampleId :
B-2(6-8)DL

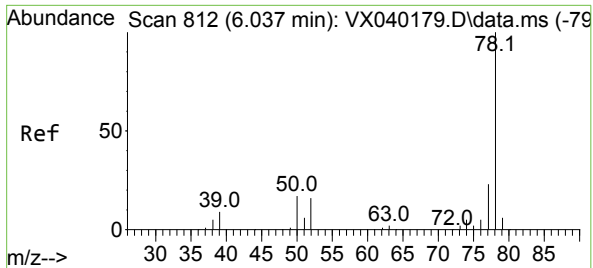
Tgt Ion:117 Resp: 9412
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.438 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 83 Resp: 783
Ion Ratio Lower Upper
83 100
55 100.0 64.6 97.0#
98 57.0 36.7 55.1#

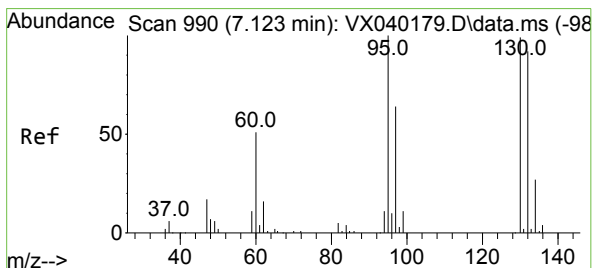
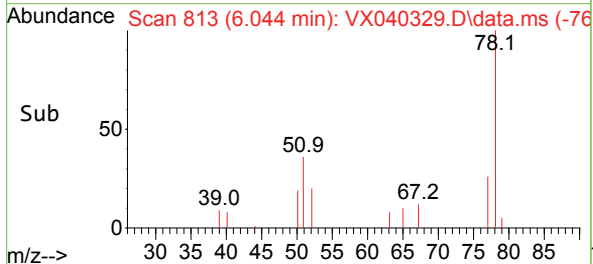
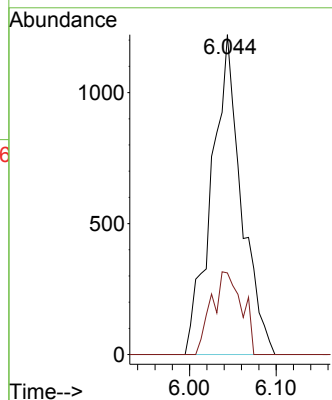
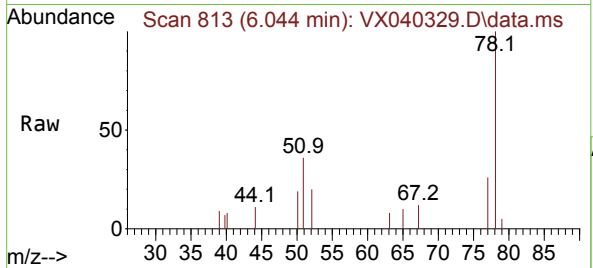




#40
Benzene
Concen: 0.680 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

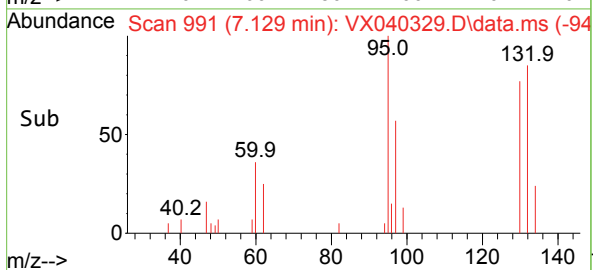
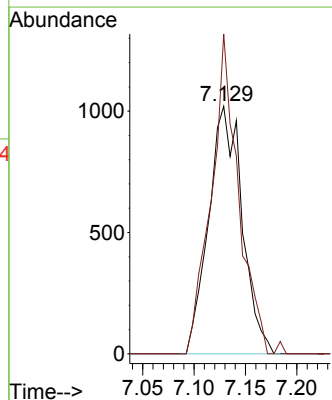
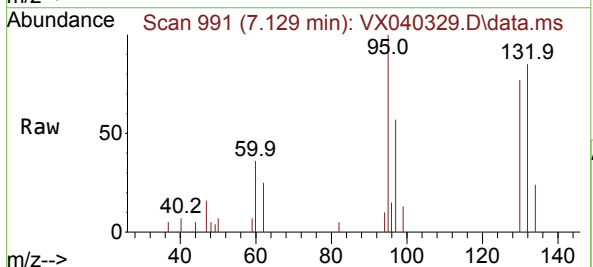
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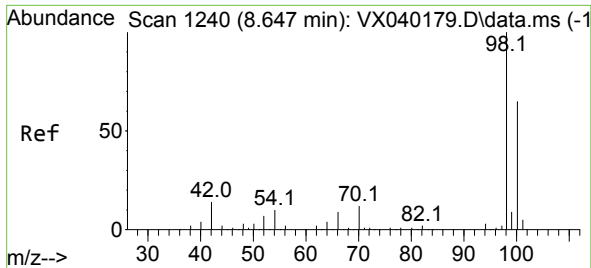
Tgt Ion: 78 Resp: 2926
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9



#44
Trichloroethene
Concen: 1.951 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion:130 Resp: 2316
Ion Ratio Lower Upper
130 100
95 129.2 0.0 204.4

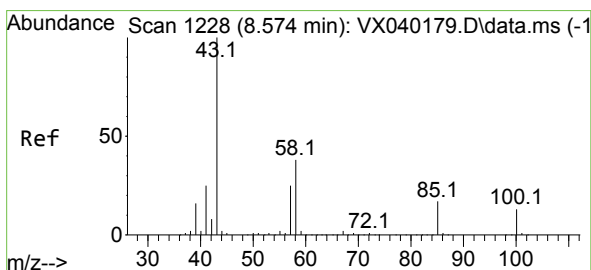
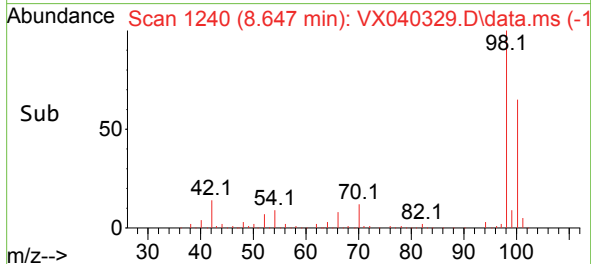
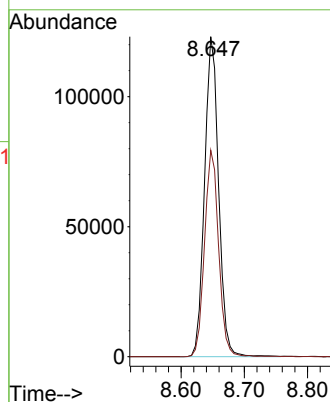
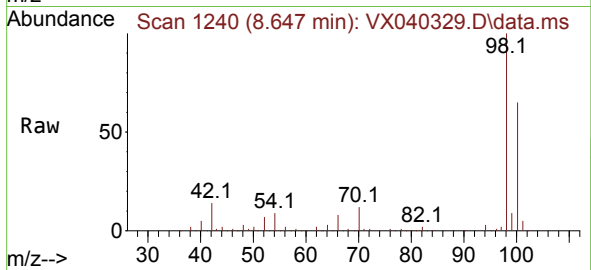




#50
Toluene-d8
Concen: 46.382 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

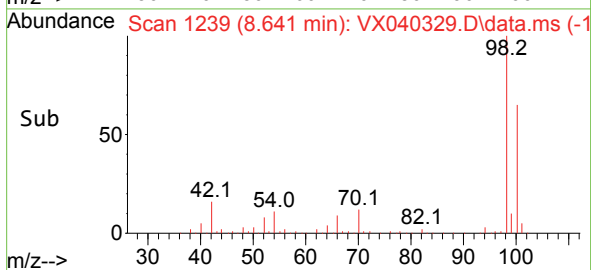
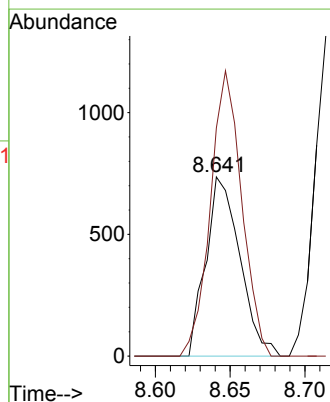
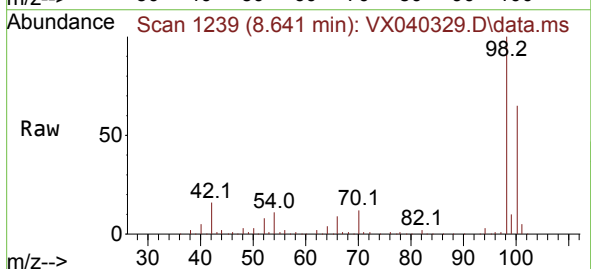
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B-2(6-8)DL

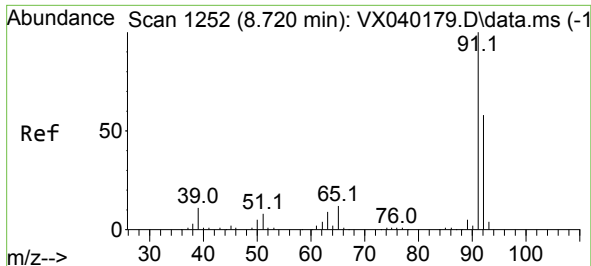
Tgt Ion: 98 Resp: 190601
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 146.7 30.4 45.6#





#52

Toluene

Concen: 46.466 ug/l

RT: 8.714 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040329.D

Acq: 19 Feb 2024 14:41

Instrument :

MSVOA_X

ClientSampleId :

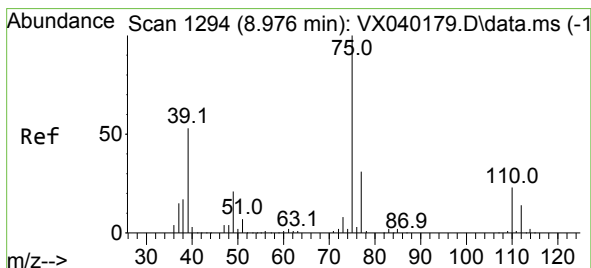
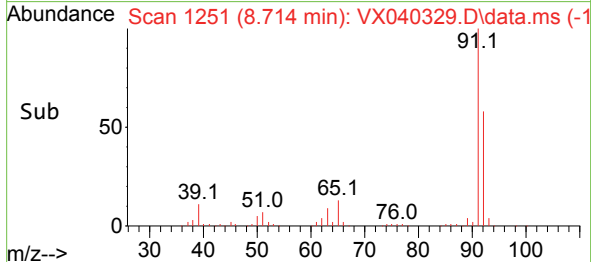
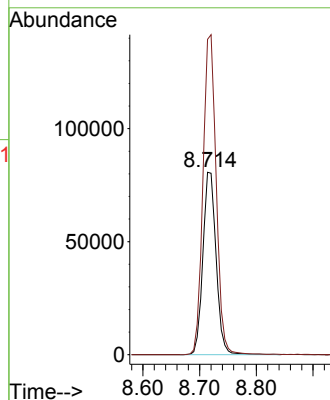
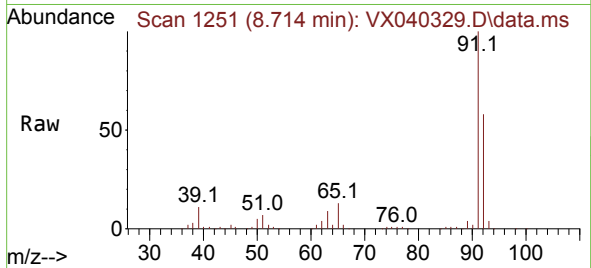
B-2(6-8)DL

Tgt Ion: 92 Resp: 130981

Ion Ratio Lower Upper

92 100

91 175.7 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 2.796 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX040329.D

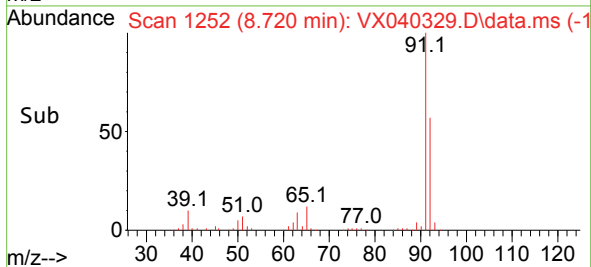
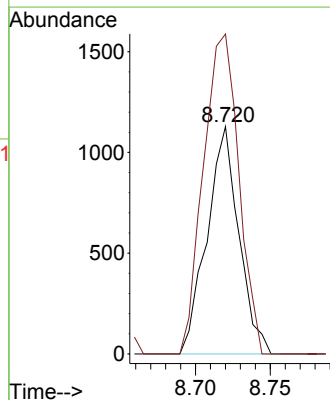
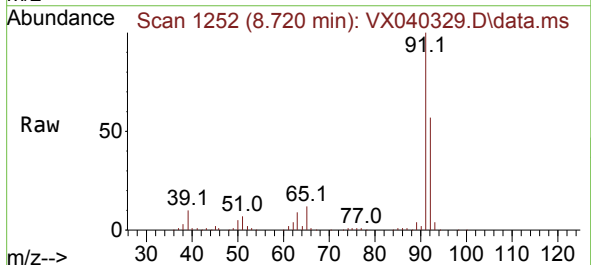
Acq: 19 Feb 2024 14:41

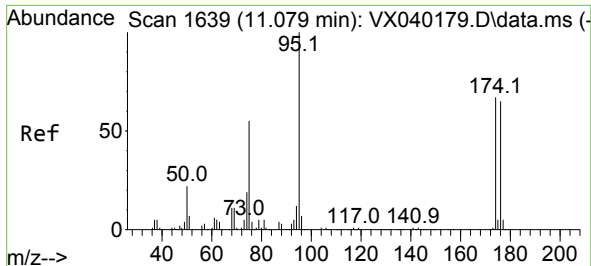
Tgt Ion: 75 Resp: 1671

Ion Ratio Lower Upper

75 100

77 140.8 25.7 38.5#

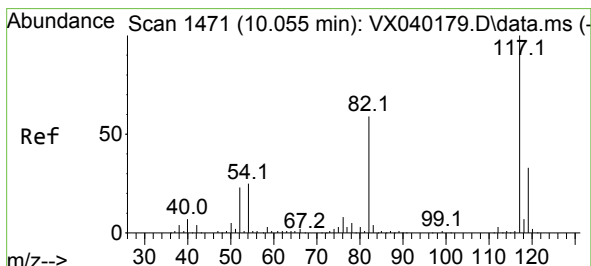
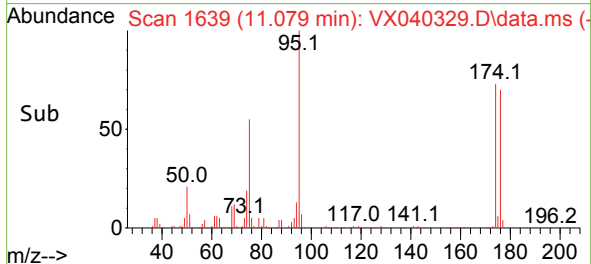
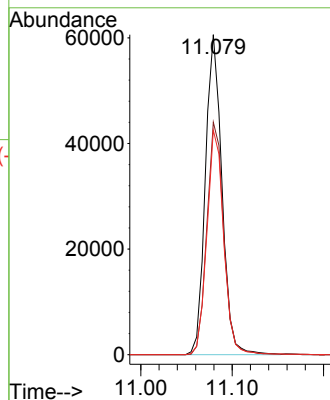
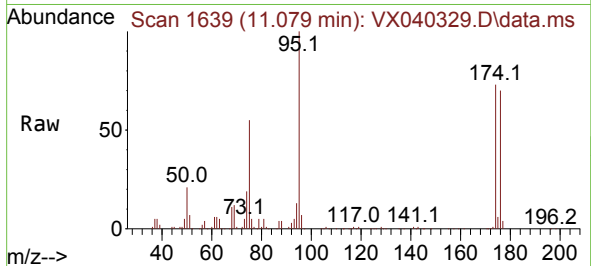




#62
4-Bromofluorobenzene
Concen: 45.417 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

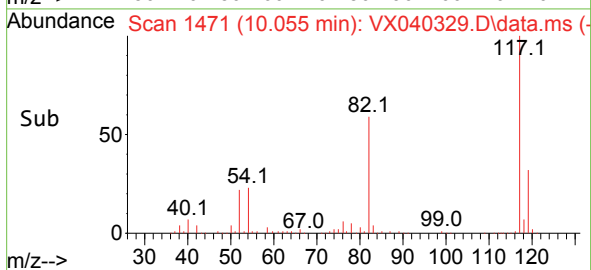
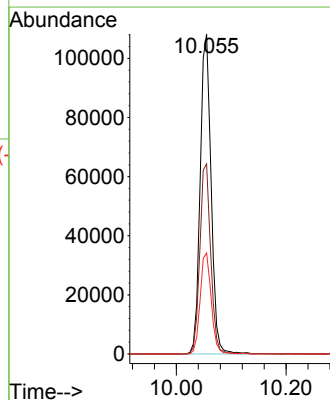
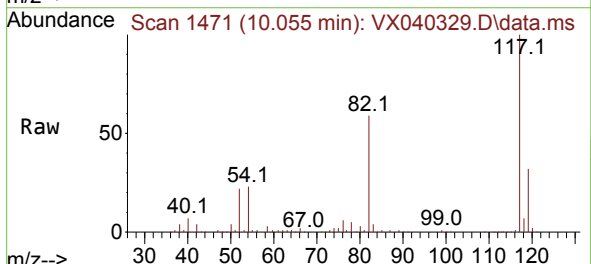
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

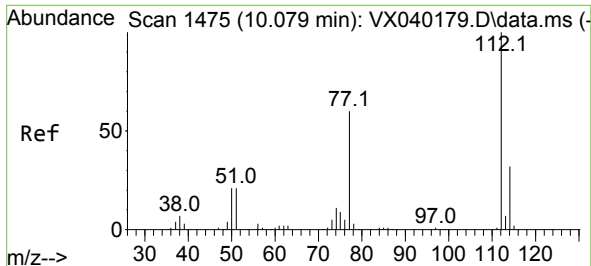
Tgt Ion: 95 Resp: 76118
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 117 Resp: 149862
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 31.5 25.5 38.3

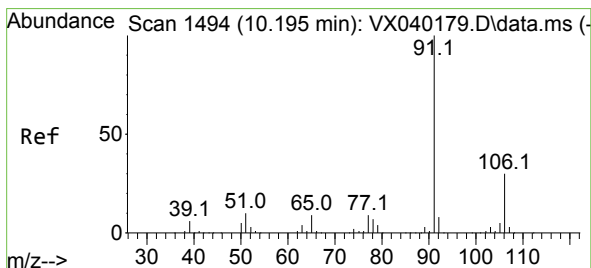
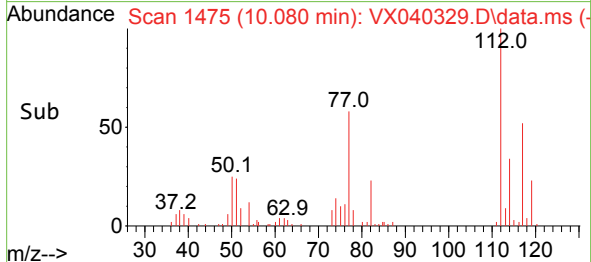
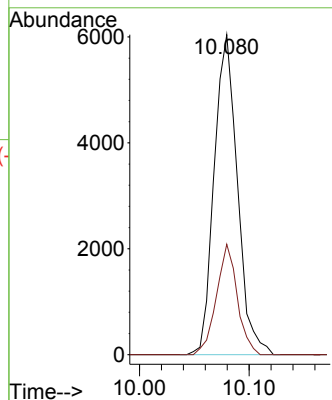
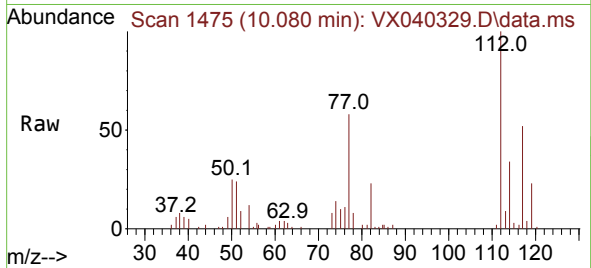




#65
Chlorobenzene
Concen: 2.846 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

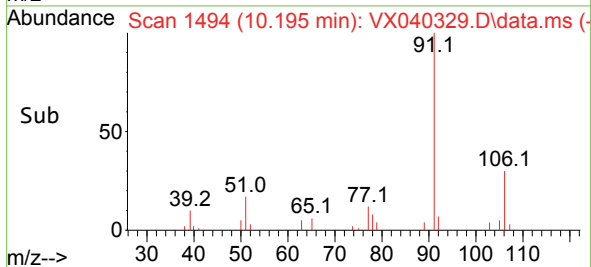
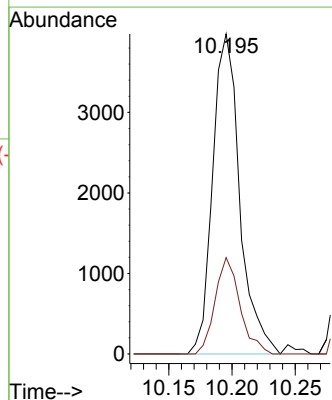
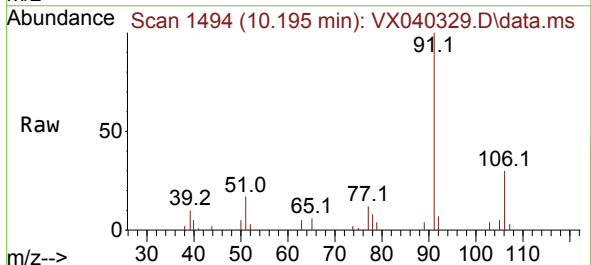
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

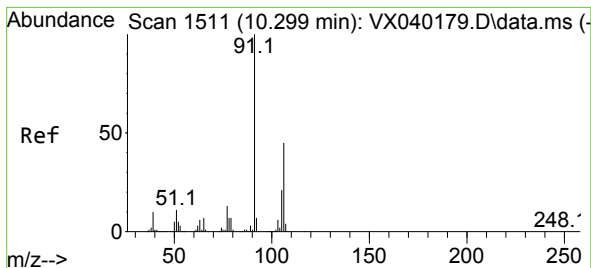
Tgt Ion:112 Resp: 8901
Ion Ratio Lower Upper
112 100
114 34.5 25.7 38.5



#67
Ethyl Benzene
Concen: 1.061 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 91 Resp: 5911
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3





#68

m/p-Xylenes

Concen: 3.850 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040329.D

Acq: 19 Feb 2024 14:41

Instrument :

MSVOA_X

ClientSampleId :

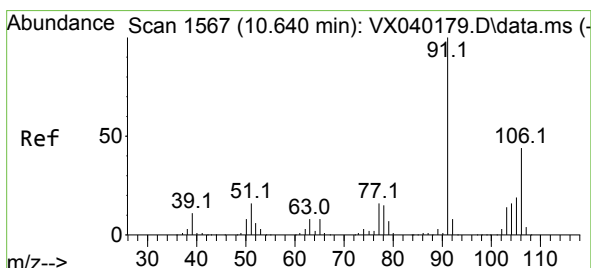
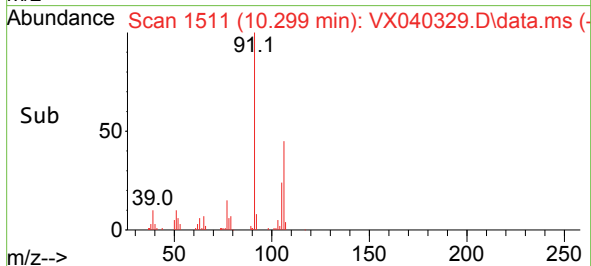
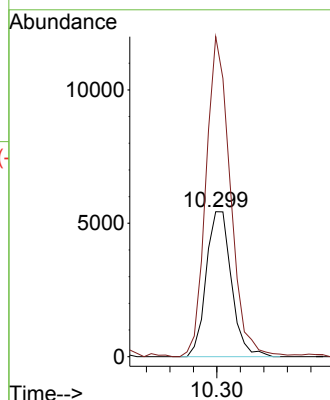
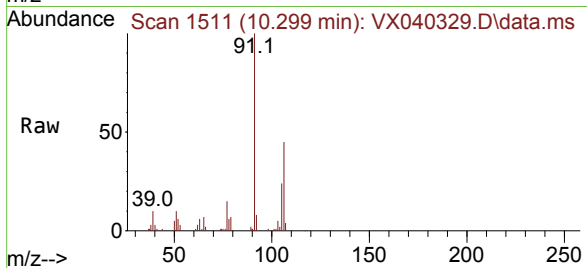
B-2(6-8)DL

Tgt Ion:106 Resp: 8100

Ion Ratio Lower Upper

106 100

91 213.5 165.5 248.3



#69

o-Xylene

Concen: 1.042 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040329.D

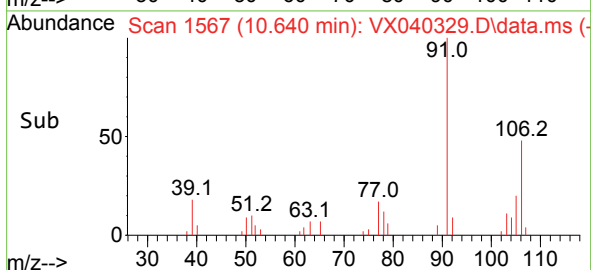
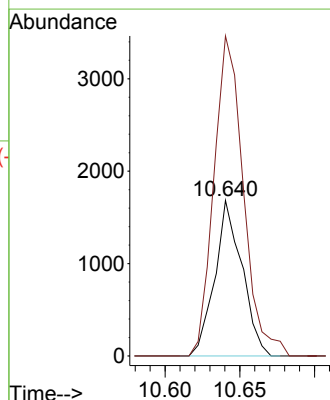
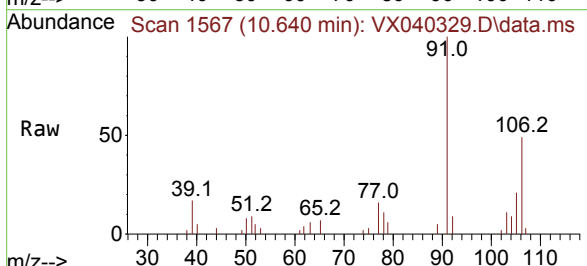
Acq: 19 Feb 2024 14:41

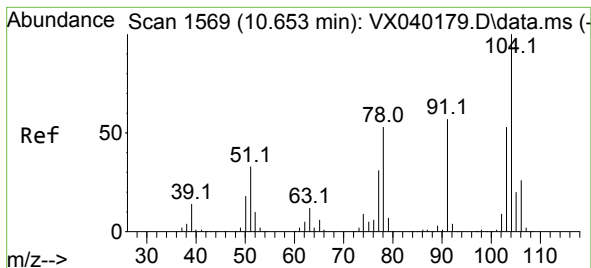
Tgt Ion:106 Resp: 2130

Ion Ratio Lower Upper

106 100

91 222.9 108.9 326.8





#70

Styrene

Concen: 0.749 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040329.D

Acq: 19 Feb 2024 14:41

Instrument :

MSVOA_X

ClientSampleId :

B-2(6-8)DL

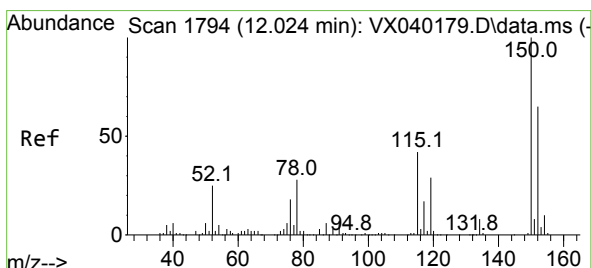
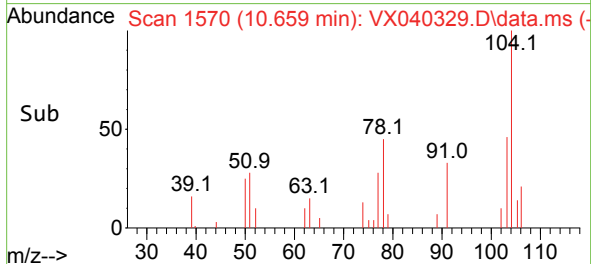
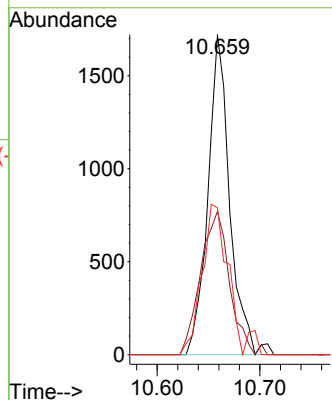
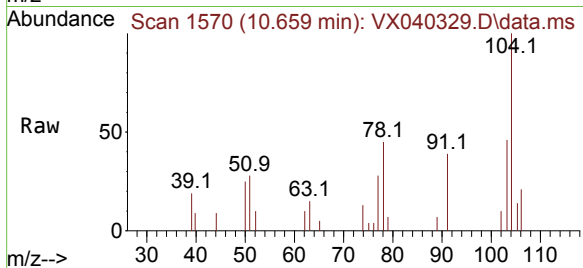
Tgt Ion:104 Resp: 2547

Ion Ratio Lower Upper

104 100

78 59.6 43.6 65.4

103 54.4 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: VX040329.D

Acq: 19 Feb 2024 14:41

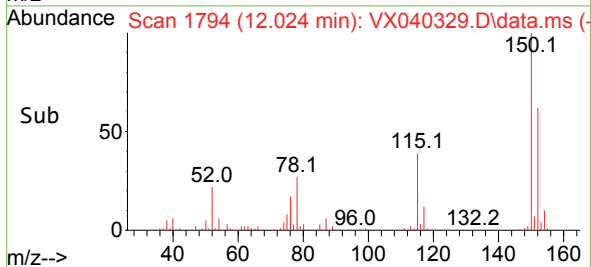
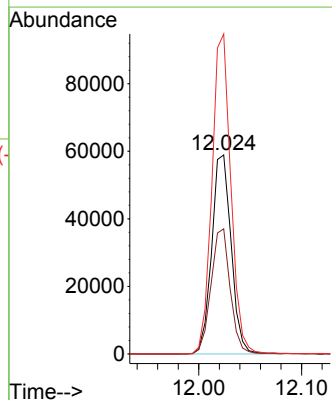
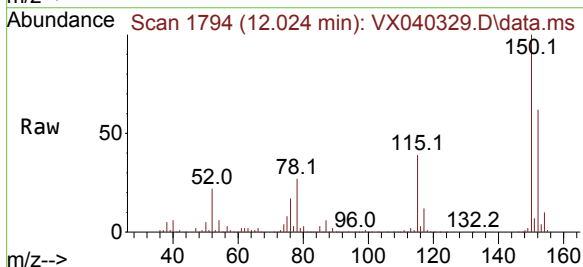
Tgt Ion:152 Resp: 77385

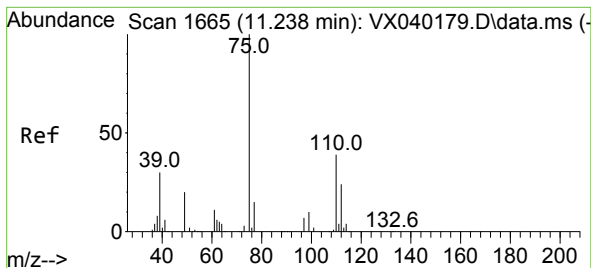
Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 156.3 0.0 345.0

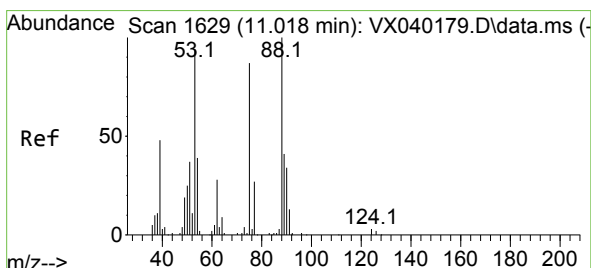
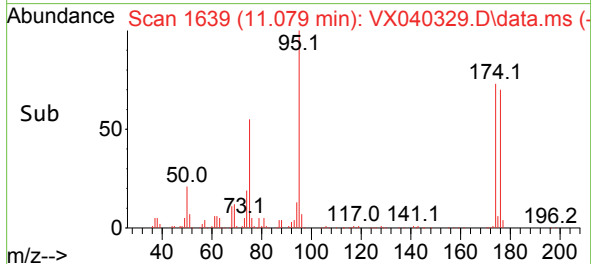
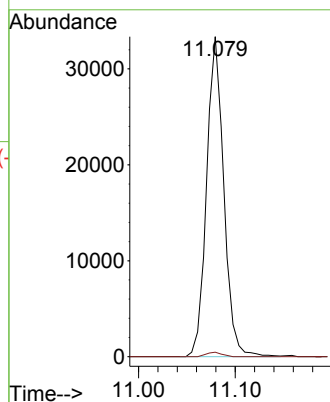
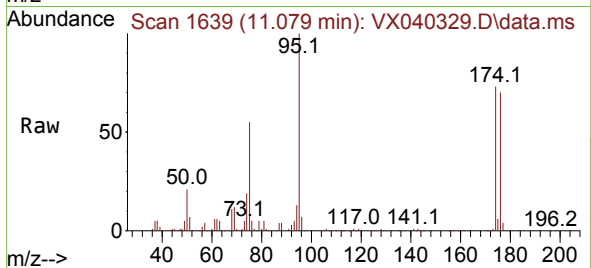




#76
1,2,3-Trichloropropane
Concen: 26.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

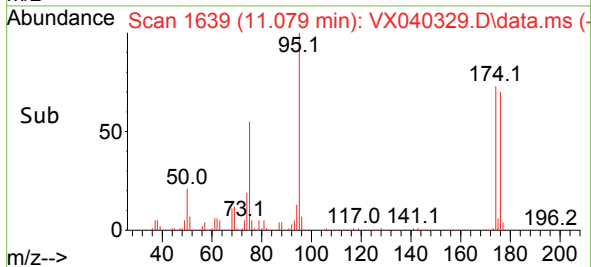
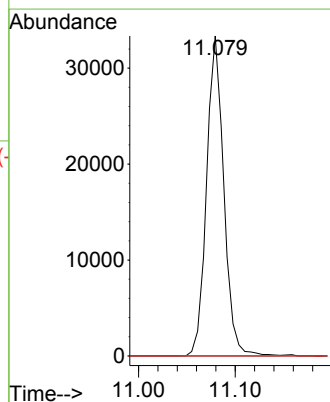
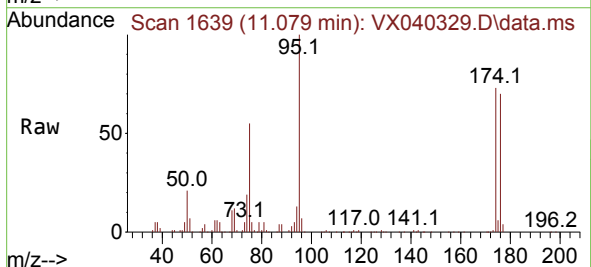
Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

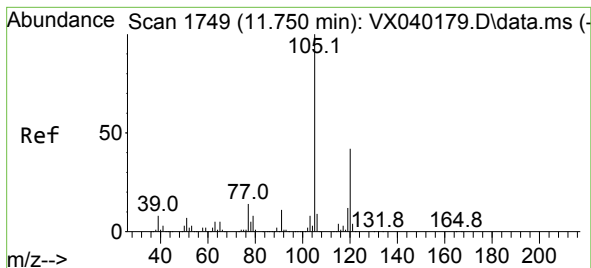
Tgt Ion: 75 Resp: 41342
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion: 75 Resp: 41342
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.268 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040329.D

Acq: 19 Feb 2024 14:41

Instrument :

MSVOA_X

ClientSampleId :

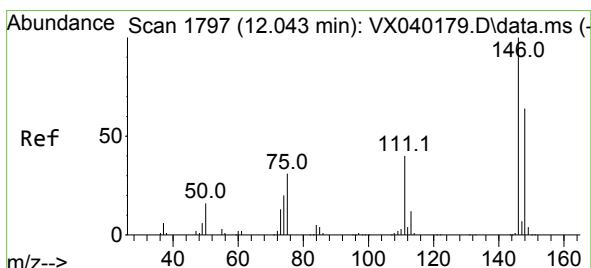
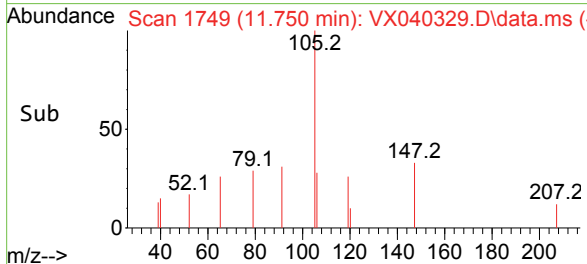
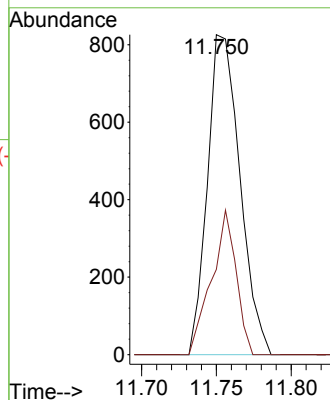
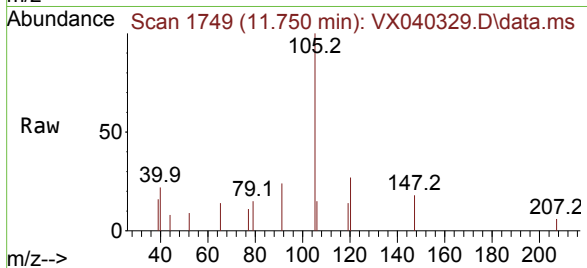
B-2(6-8)DL

Tgt Ion:105 Resp: 1245

Ion Ratio Lower Upper

105 100

120 34.2 21.2 63.6



#88

1,4-Dichlorobenzene

Concen: 1.552 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040329.D

Acq: 19 Feb 2024 14:41

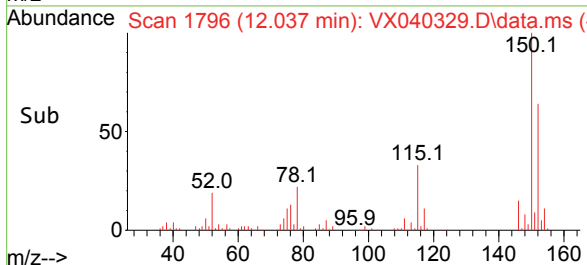
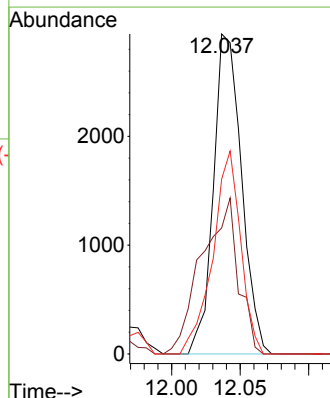
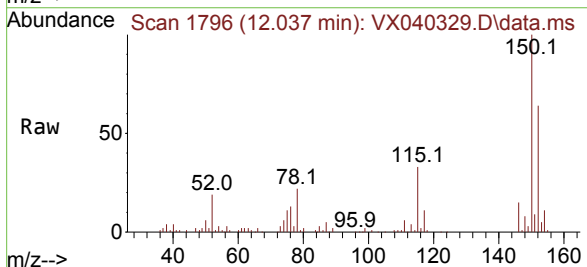
Tgt Ion:146 Resp: 4193

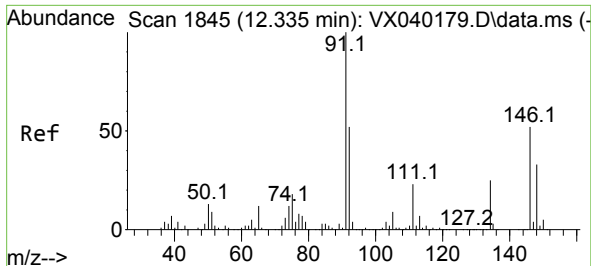
Ion Ratio Lower Upper

146 100

111 63.2 21.3 63.7

148 63.1 31.8 95.4

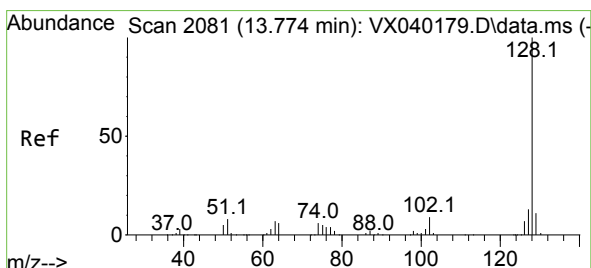
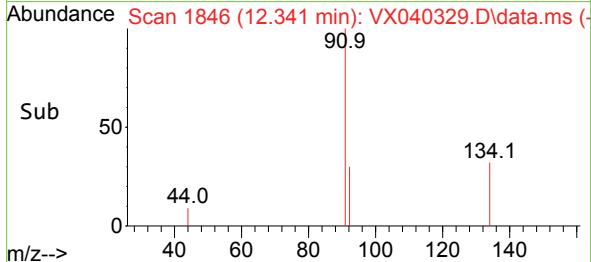
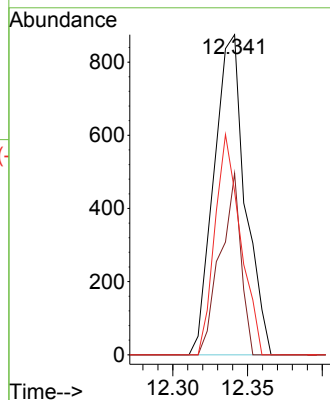
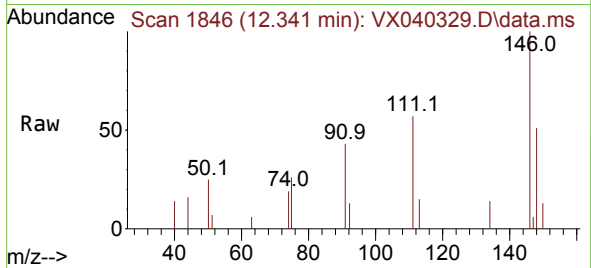




#91
1,2-Dichlorobenzene
Concen: 0.516 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Instrument :
MSVOA_X
ClientSampleId :
B-2(6-8)DL

Tgt Ion:146 Resp: 1273
Ion Ratio Lower Upper
146 100
111 37.4 22.4 67.0
148 56.3 31.6 95.0



#95
Naphthalene
Concen: 1.230 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040329.D
Acq: 19 Feb 2024 14:41

Tgt Ion:128 Resp: 6566
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 9.2 8.8 13.2

