

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040330.D
 Acq On : 19 Feb 2024 15:03
 Operator : JC/MD
 Sample : P1395-03DL 800X
 Misc : 3.46g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 20 01:15:51 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)

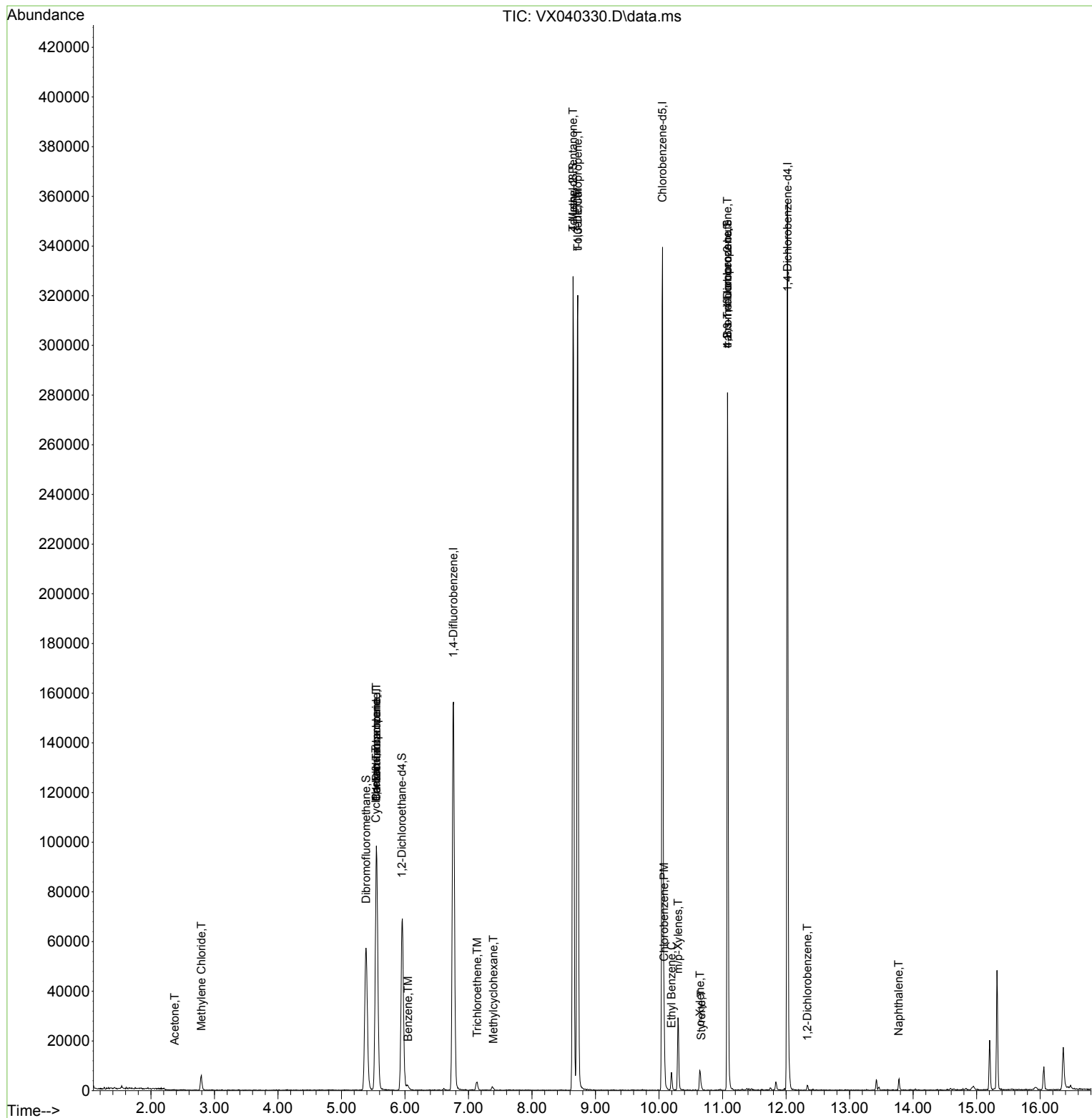
Internal Standards						
1) Pentafluorobenzene	5.549	168	87816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67471	51.645	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.280%			
35) Dibromofluoromethane	5.385	113	50144	45.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.900%			
50) Toluene-d8	8.646	98	187959	46.041	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.080%			
62) 4-Bromofluorobenzene	11.079	95	70986	42.635	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.260%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	161	0.300	ug/l #	47
20) Methylene Chloride	2.794	84	2841	1.270	ug/l #	85
31) Cyclohexane	5.543	56	2338	1.500	ug/l #	48
36) 1,1-Dichloropropene	5.549	75	7405	4.844	ug/l #	51
38) Carbon Tetrachloride	5.549	117	9593	6.600	ug/l #	17
39) Methylcyclohexane	7.391	83	674	0.379	ug/l #	50
40) Benzene	6.049	78	2273	0.532	ug/l #	85
44) Trichloroethene	7.135	130	1432	1.214	ug/l	93
51) 4-Methyl-2-Pentanone	8.646	43	909	0.501	ug/l #	1
52) Toluene	8.720	92	118312	42.249	ug/l	92
53) t-1,3-Dichloropropene	8.720	75	1390	2.660	ug/l #	1
65) Chlorobenzene	10.079	112	9929	3.272	ug/l	98
67) Ethyl Benzene	10.195	91	4190	0.775	ug/l	95
68) m/p-Xylenes	10.299	106	6906	3.383	ug/l	98
69) o-Xylene	10.646	106	1769	0.892	ug/l	97
70) Styrene	10.664	104	1052	0.319	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	40489	27.741	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40489	75.919	ug/l #	5
91) 1,2-Dichlorobenzene	12.335	146	546	0.237	ug/l	87
95) Naphthalene	13.774	128	2943	0.592	ug/l	98

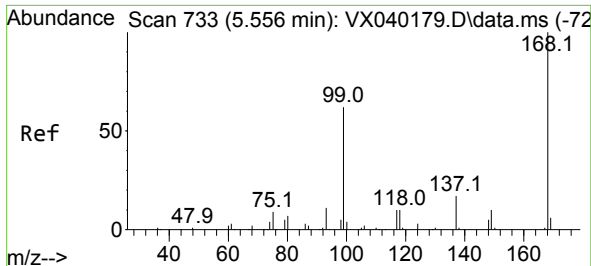
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-2(4-6)DL

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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: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

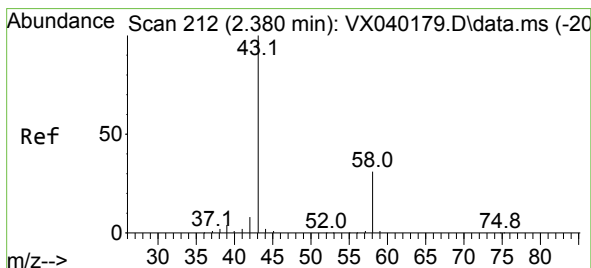
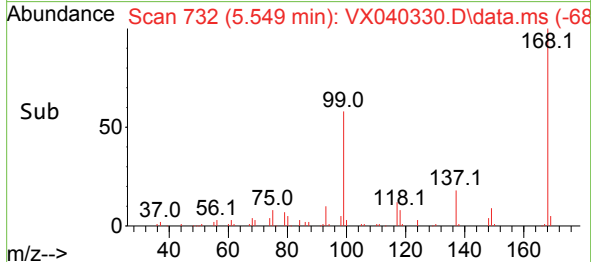
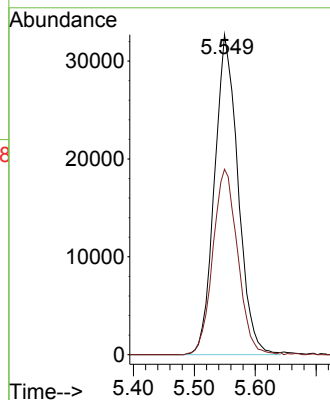
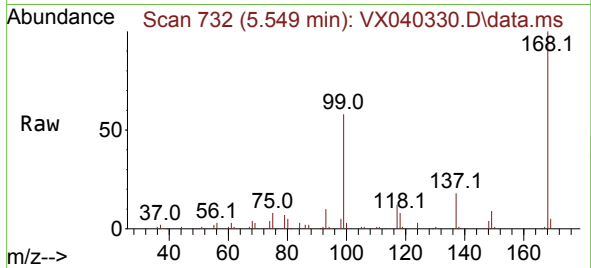
Instrument :

MSVOA_X

ClientSampleId :

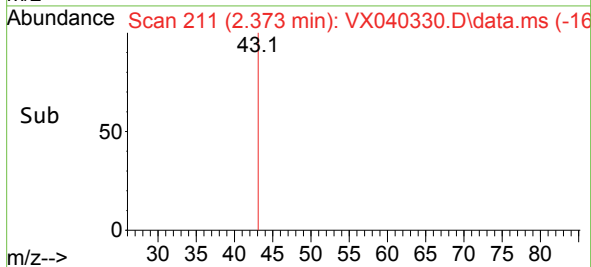
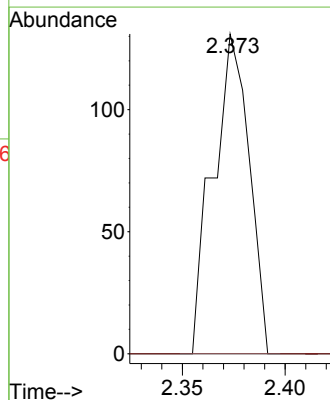
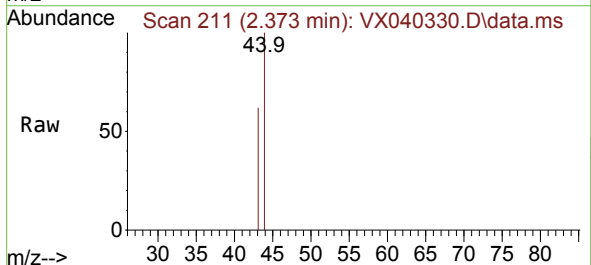
B-2(4-6)DL

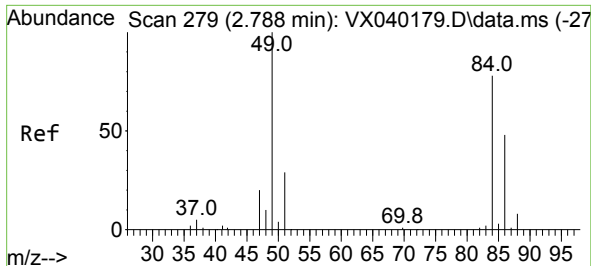
Tgt Ion:168 Resp: 87816
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#16
Acetone
Concen: 0.300 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

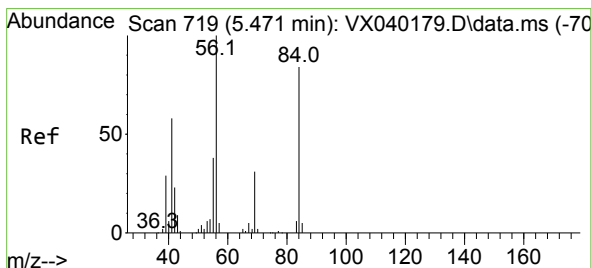
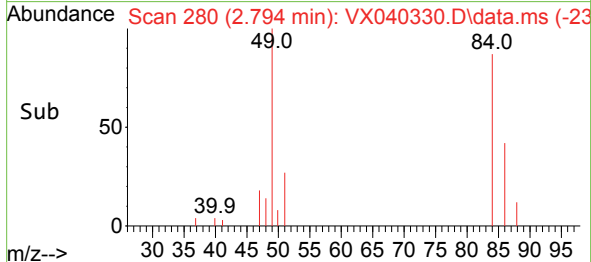
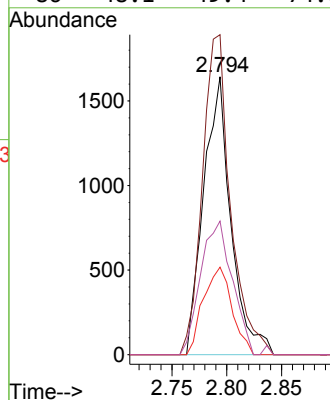
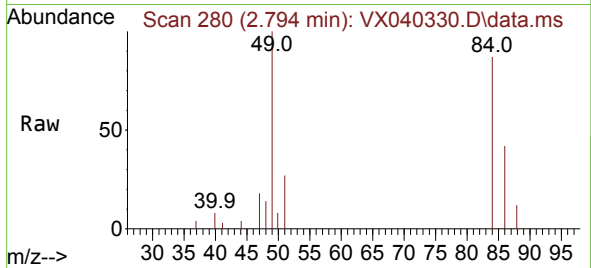




#20
Methylene Chloride
Concen: 1.270 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

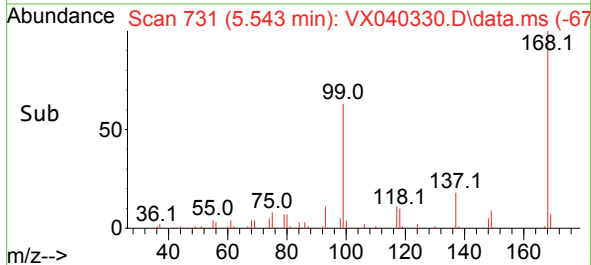
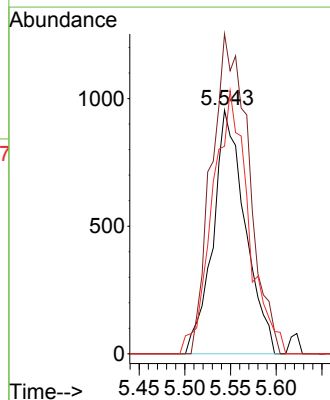
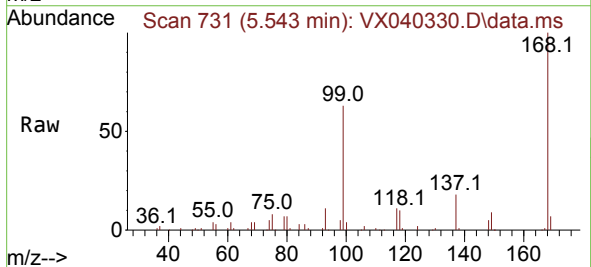
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

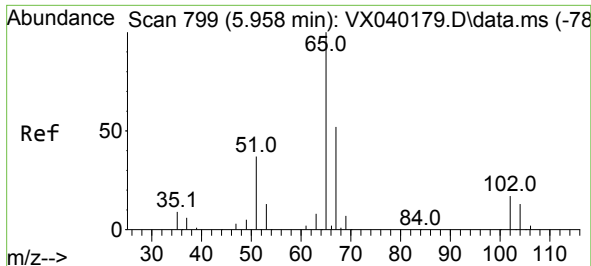
Tgt Ion:	84	Resp:	2841
Ion	Ratio	Lower	Upper
84	100		
49	115.2	103.6	155.4
51	31.5	33.8	50.6#
86	48.1	49.4	74.0#



#31
Cyclohexane
Concen: 1.500 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion:	56	Resp:	2338
Ion	Ratio	Lower	Upper
56	100		
69	131.3	23.4	35.2#
84	85.2	65.9	98.9

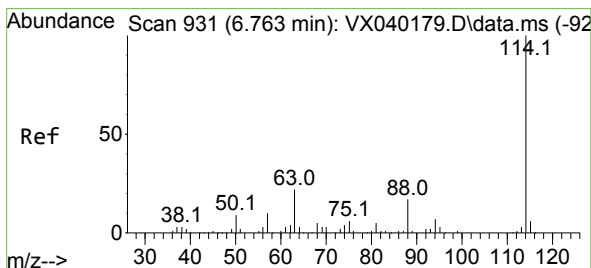
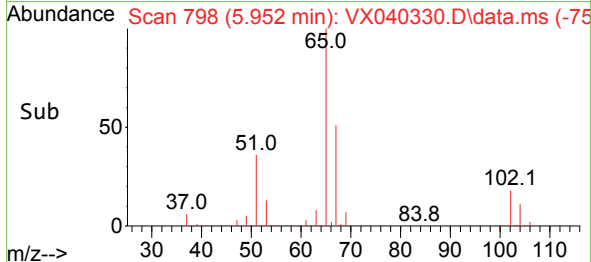
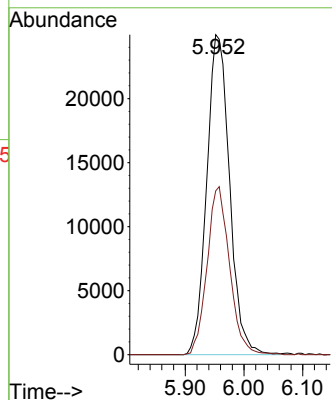
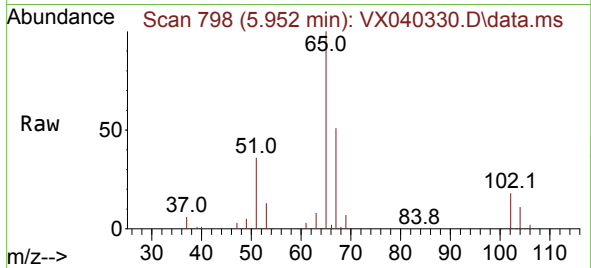




#33
1,2-Dichloroethane-d4
Concen: 51.645 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

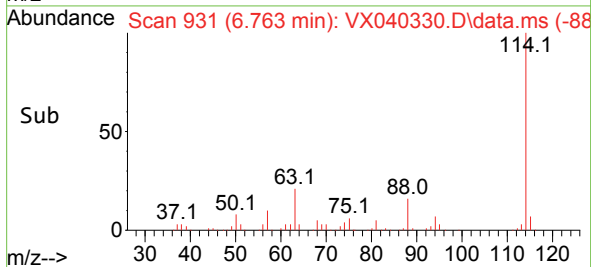
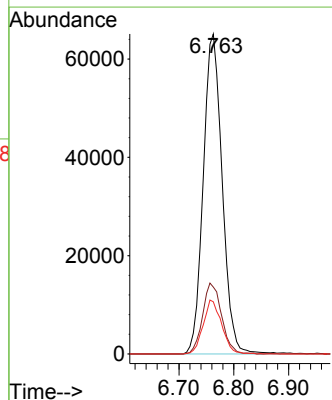
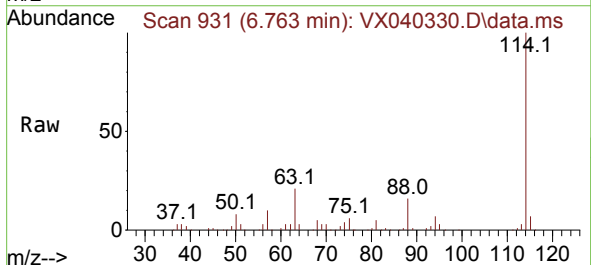
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

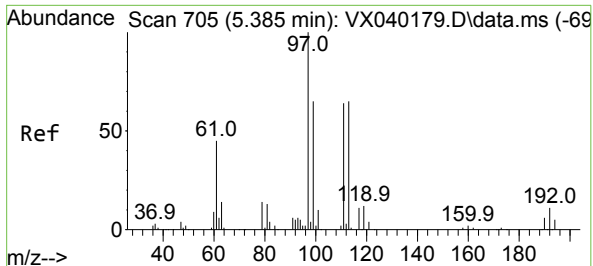
Tgt Ion: 65 Resp: 67471
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 114 Resp: 156277
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.3 0.0 36.6

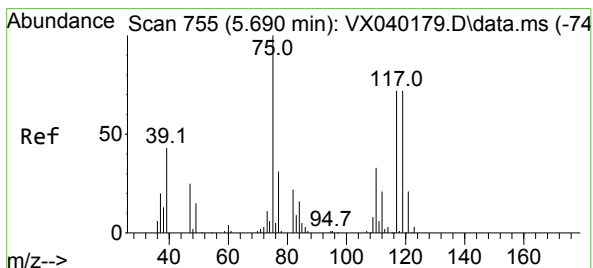
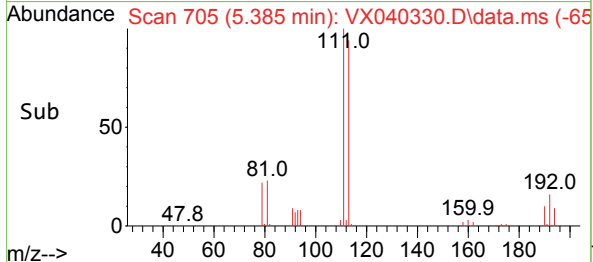
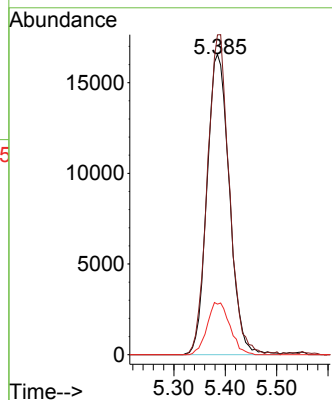
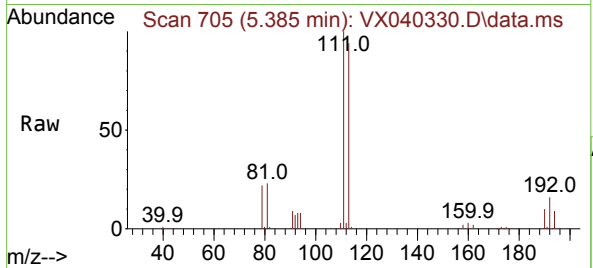




#35
Dibromofluoromethane
Concen: 45.947 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

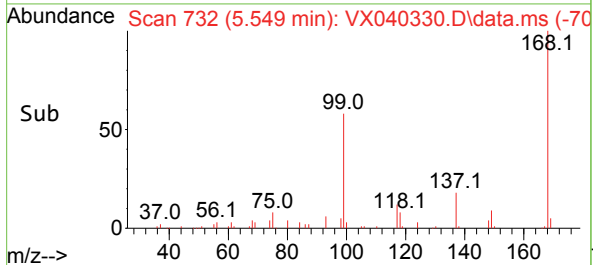
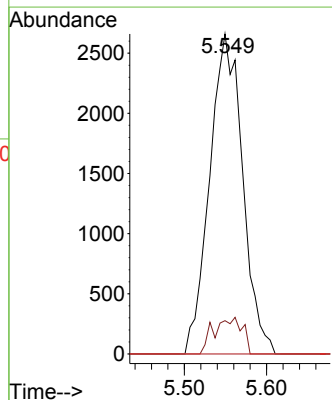
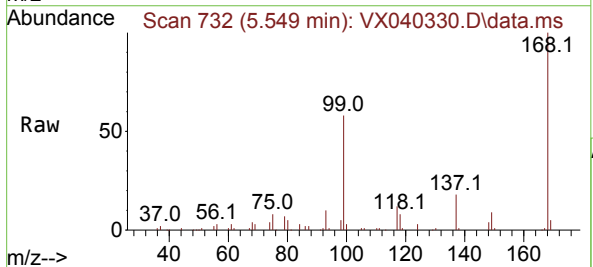
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

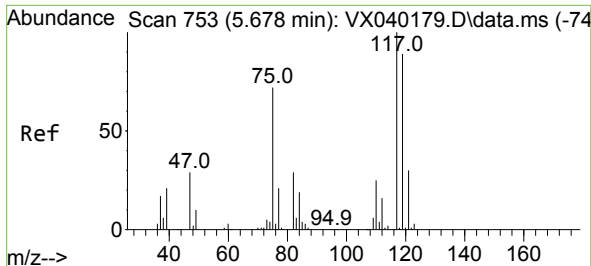
Tgt Ion:113 Resp: 50144
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 75 Resp: 7405
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#

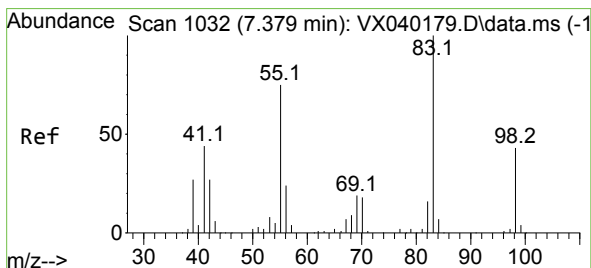
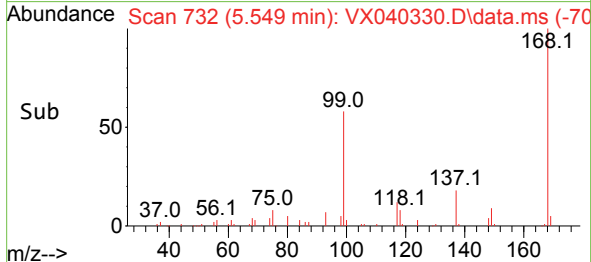
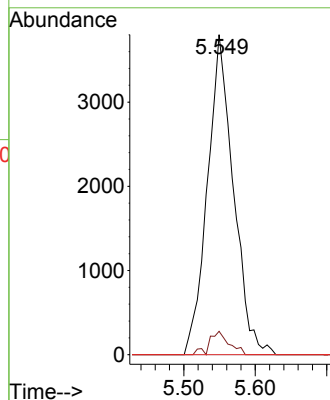
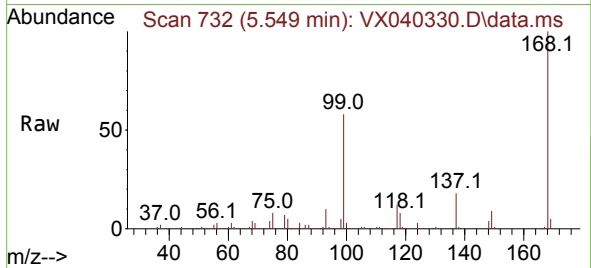




#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

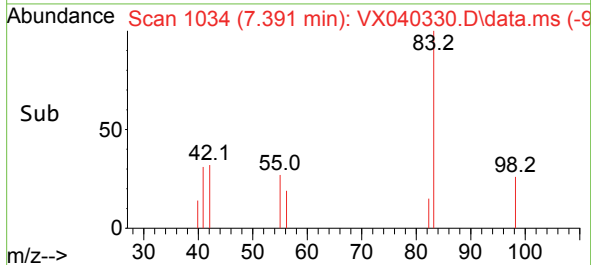
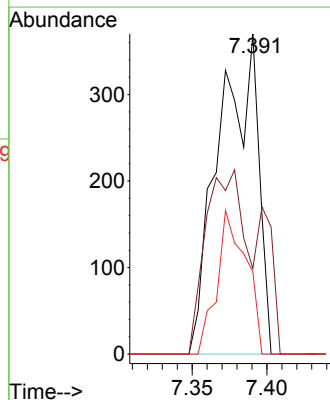
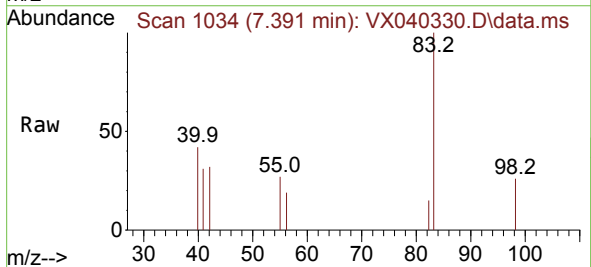
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

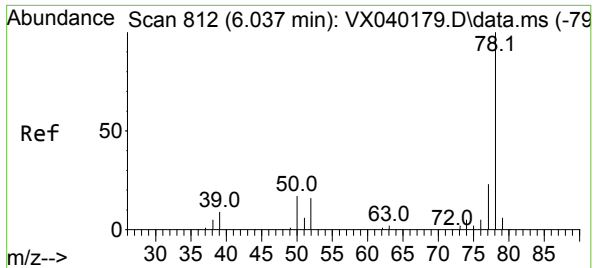
Tgt Ion:117 Resp: 9593
Ion Ratio Lower Upper
117 100
119 7.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.379 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 83 Resp: 674
Ion Ratio Lower Upper
83 100
55 26.8 64.6 97.0#
98 25.7 36.7 55.1#





#40

Benzene

Concen: 0.532 ug/l

RT: 6.049 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX040330.D

Acq: 19 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

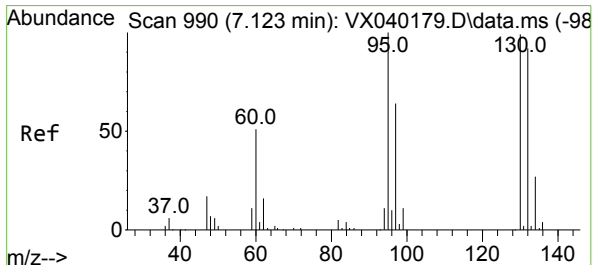
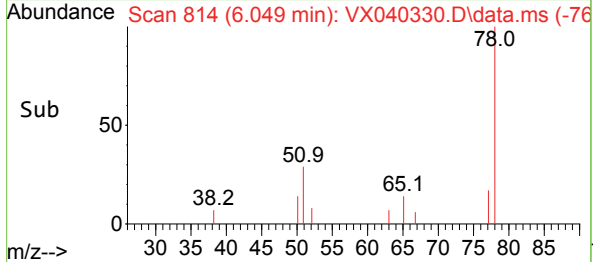
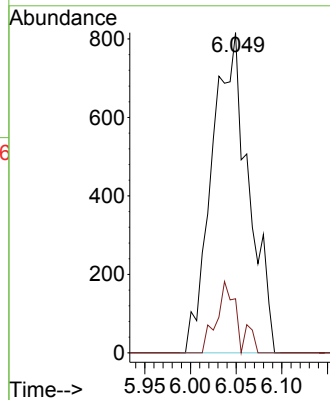
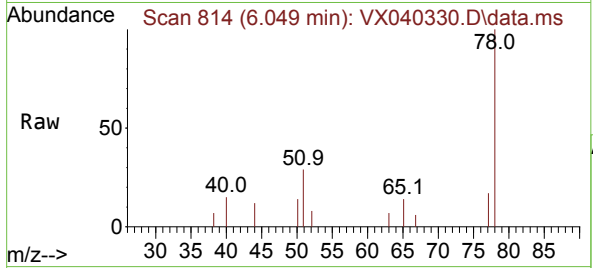
B-2(4-6)DL

Tgt Ion: 78 Resp: 2273

Ion Ratio Lower Upper

78 100

77 16.9 19.3 28.9#



#44

Trichloroethene

Concen: 1.214 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX040330.D

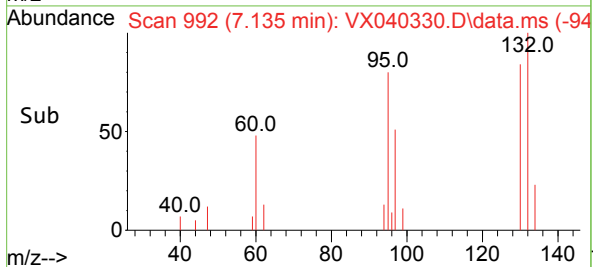
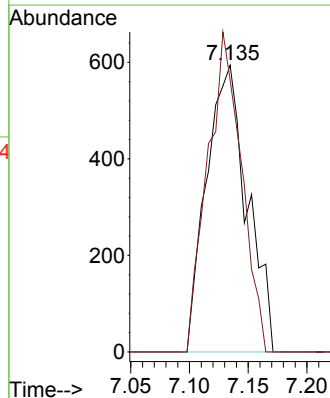
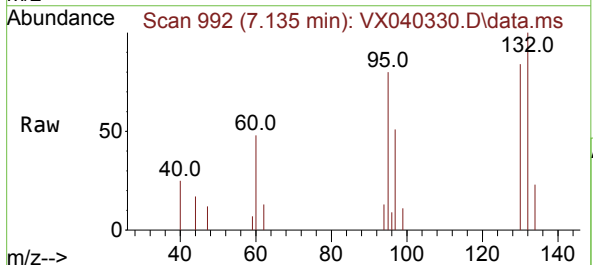
Acq: 19 Feb 2024 15:03

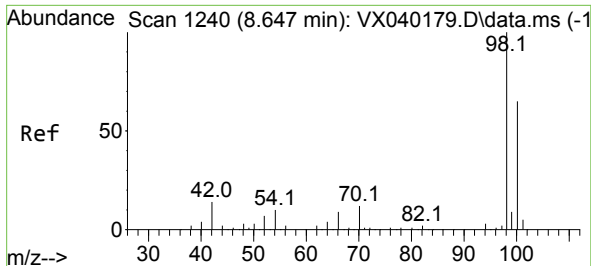
Tgt Ion:130 Resp: 1432

Ion Ratio Lower Upper

130 100

95 94.9 0.0 204.4

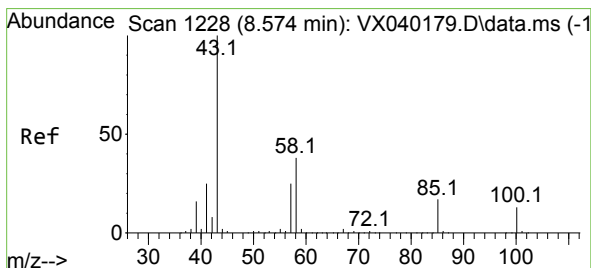
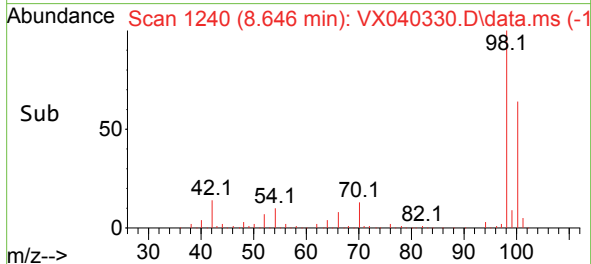
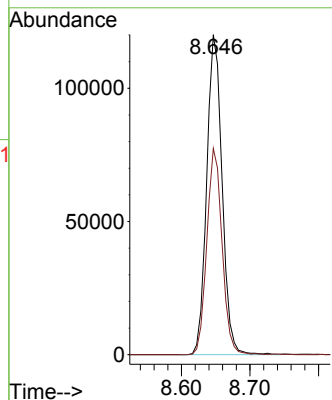
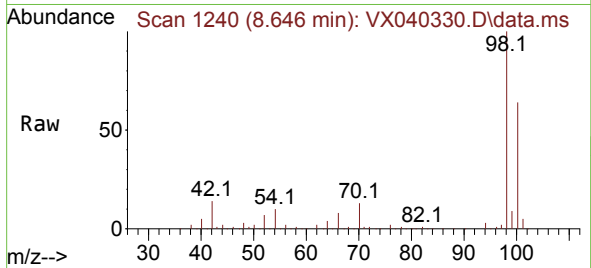




#50
Toluene-d8
Concen: 46.041 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

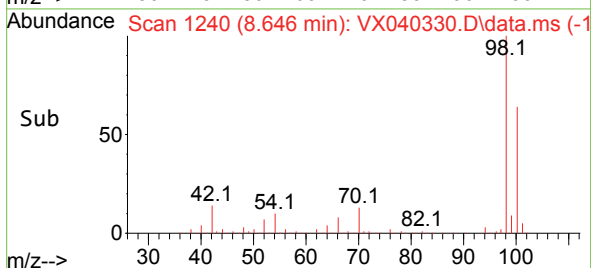
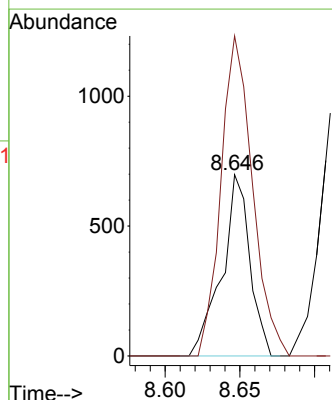
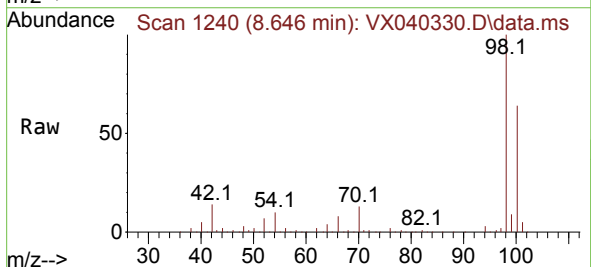
Instrument :
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B-2(4-6)DL

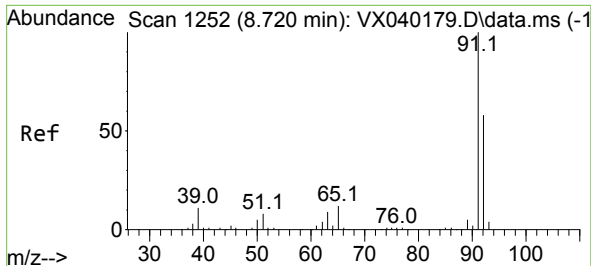
Tgt Ion: 98 Resp: 187959
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 198.6 30.4 45.6#

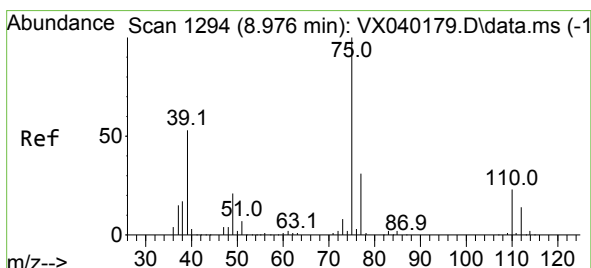
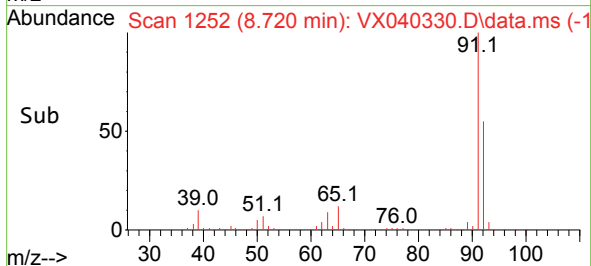
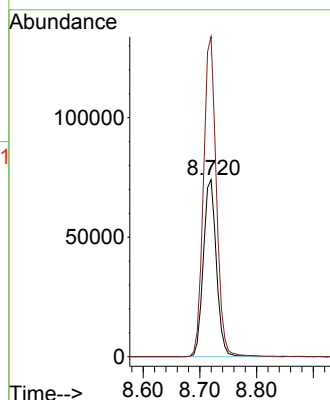
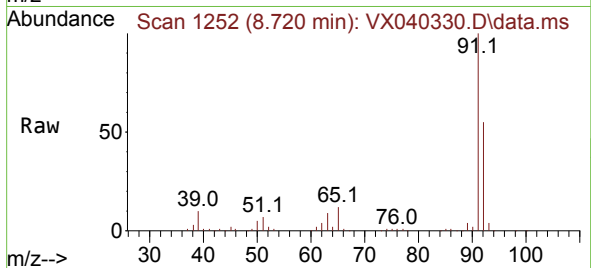




#52
Toluene
Concen: 42.249 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

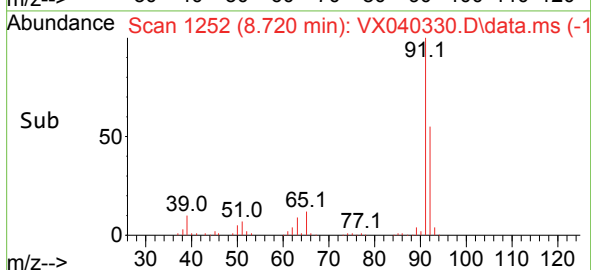
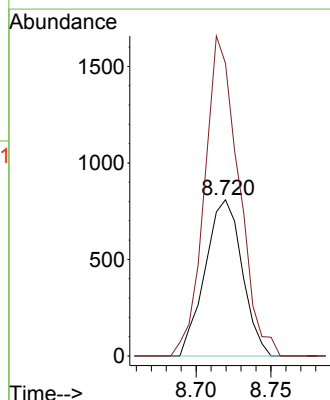
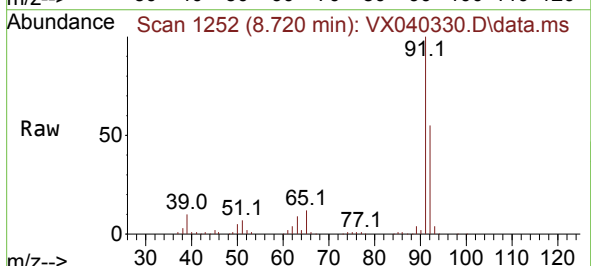
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

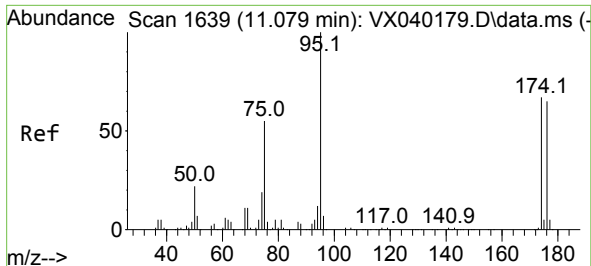
Tgt Ion: 92 Resp: 118312
Ion Ratio Lower Upper
92 100
91 179.2 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 2.660 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 75 Resp: 1390
Ion Ratio Lower Upper
75 100
77 187.4 25.7 38.5#

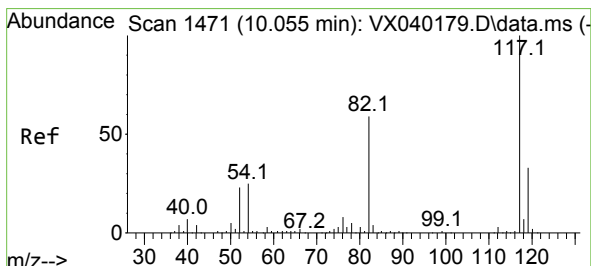
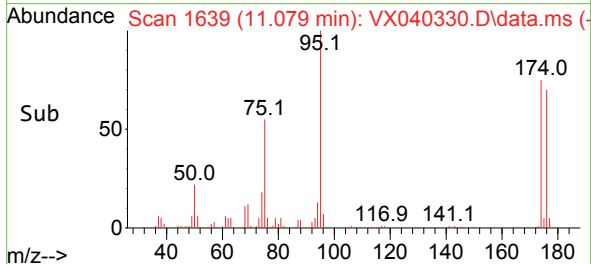
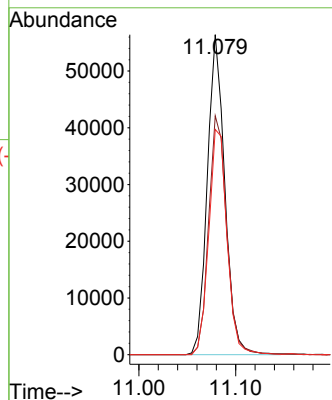
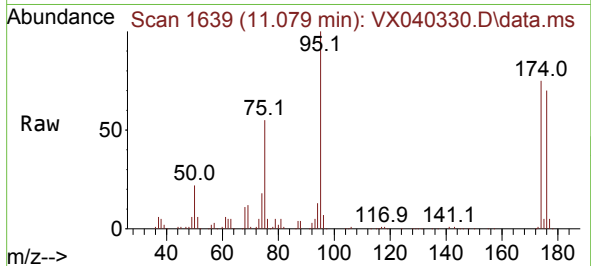




#62
4-Bromofluorobenzene
Concen: 42.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

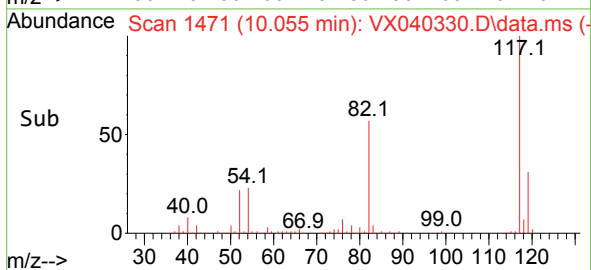
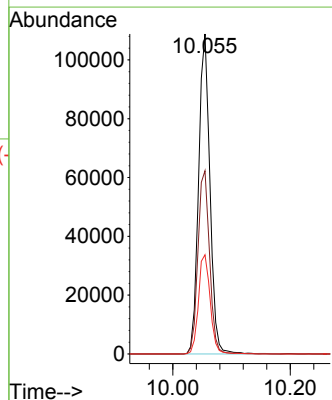
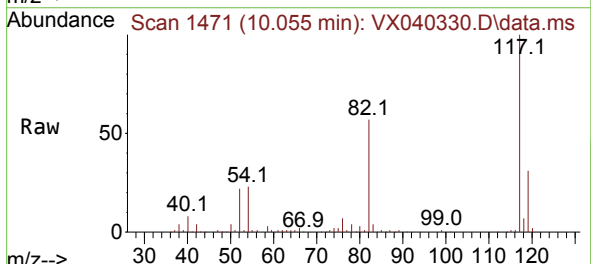
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

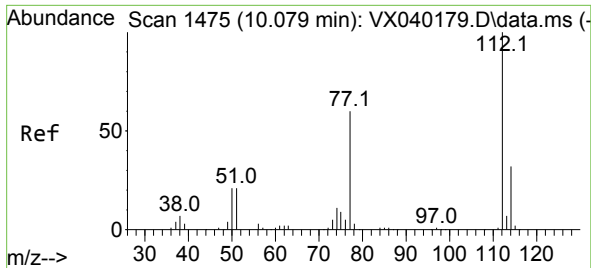
Tgt Ion: 95 Resp: 70986
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 73.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 117 Resp: 145401
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.0 25.5 38.3

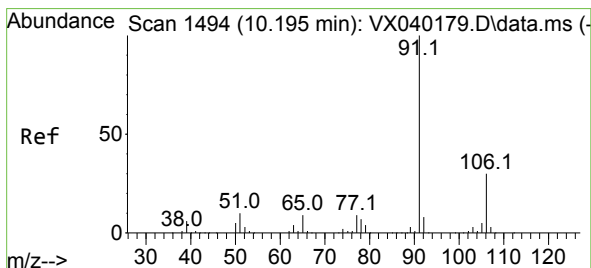
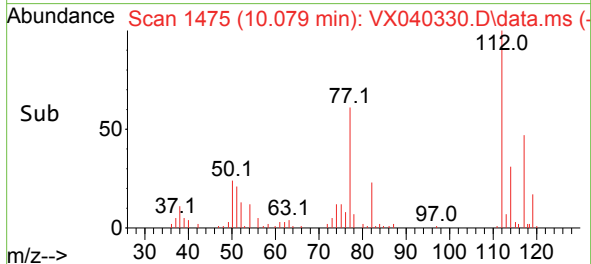
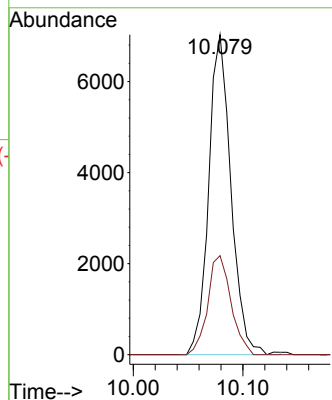
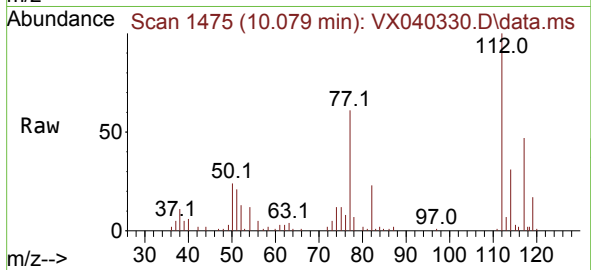




#65
Chlorobenzene
Concen: 3.272 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

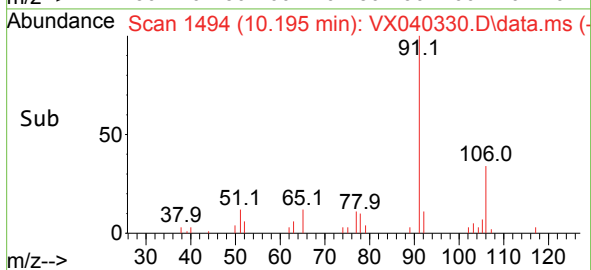
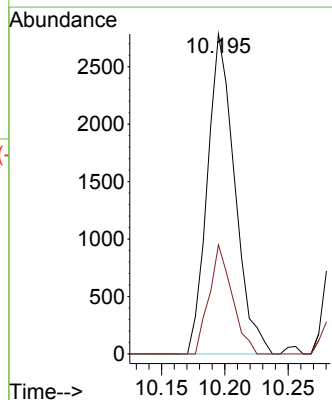
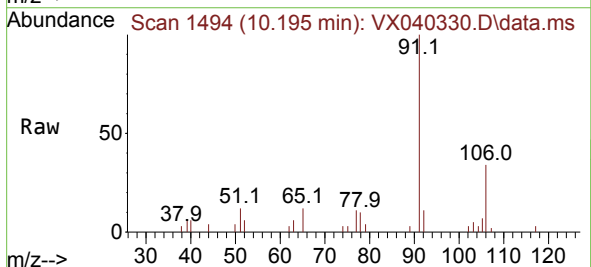
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

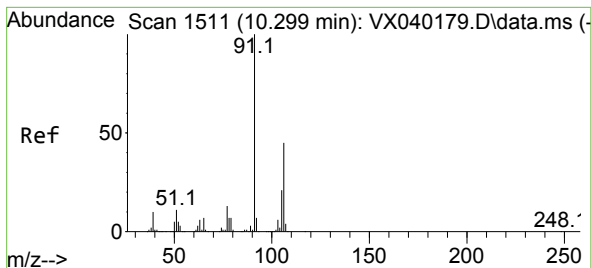
Tgt Ion:112 Resp: 9929
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#67
Ethyl Benzene
Concen: 0.775 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion: 91 Resp: 4190
Ion Ratio Lower Upper
91 100
106 34.1 24.9 37.3

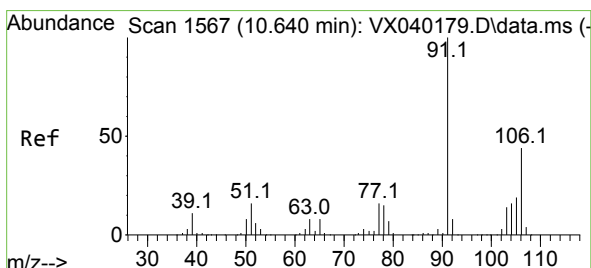
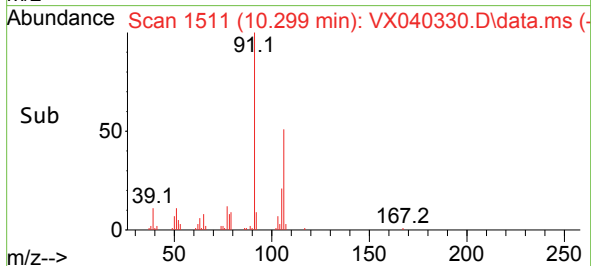
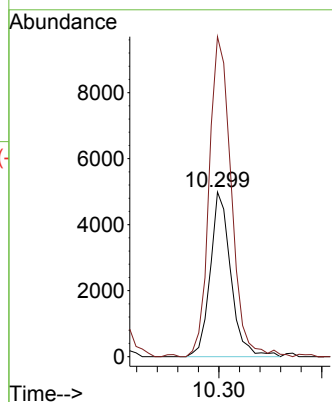
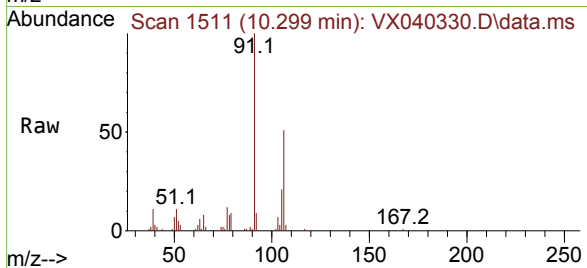




#68
m/p-Xylenes
Concen: 3.383 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

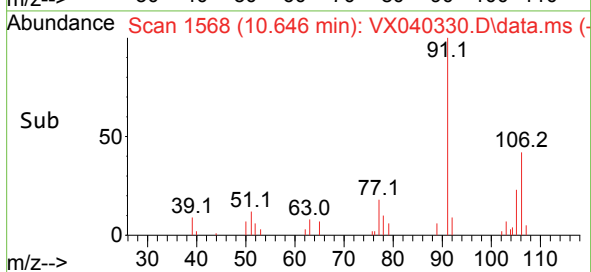
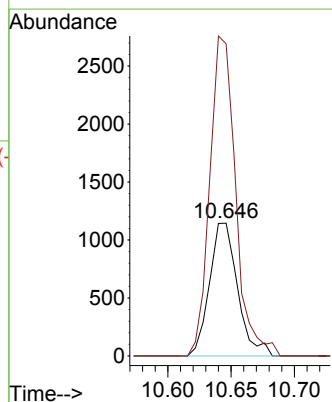
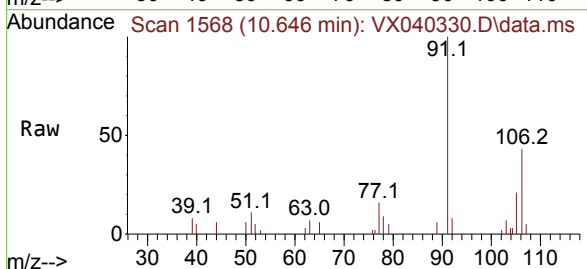
Instrument :
MSVOA_X
ClientSampleId :
B-2(4-6)DL

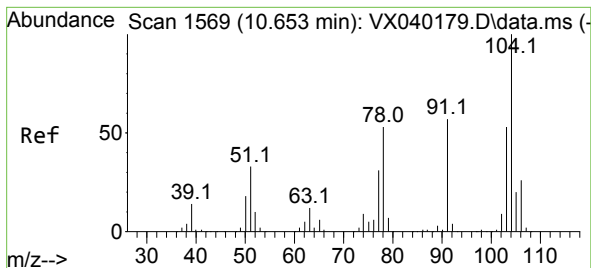
Tgt Ion:106 Resp: 6906
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3



#69
o-Xylene
Concen: 0.892 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion:106 Resp: 1769
Ion Ratio Lower Upper
106 100
91 222.3 108.9 326.8





#70

Styrene

Concen: 0.319 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX040330.D

Acq: 19 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

B-2(4-6)DL

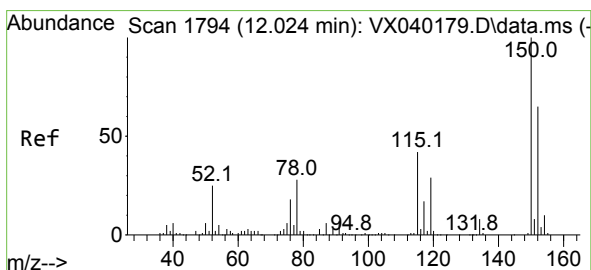
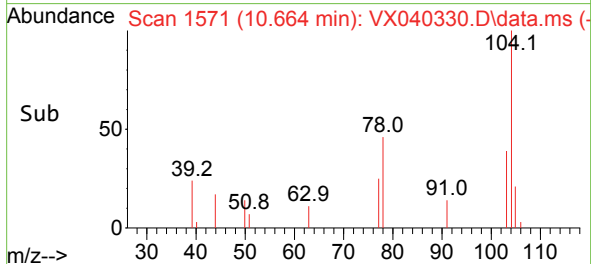
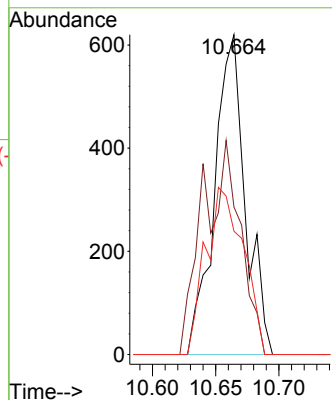
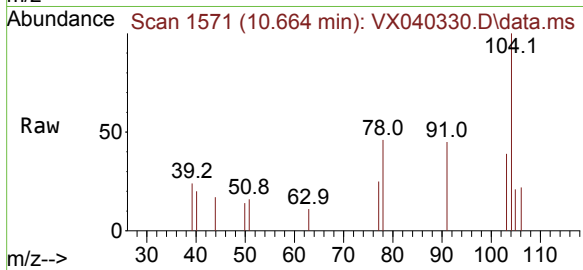
Tgt Ion:104 Resp: 1052

Ion Ratio Lower Upper

104 100

78 81.1 43.6 65.4#

103 63.9 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: VX040330.D

Acq: 19 Feb 2024 15:03

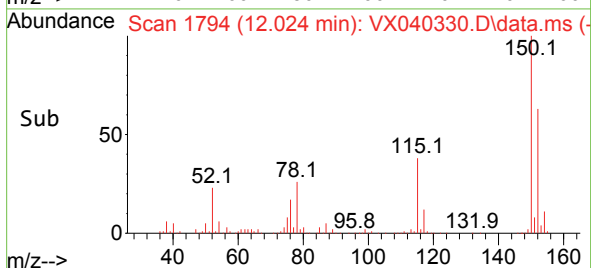
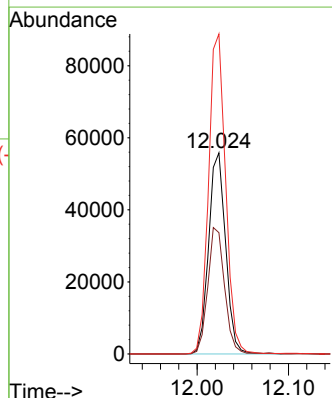
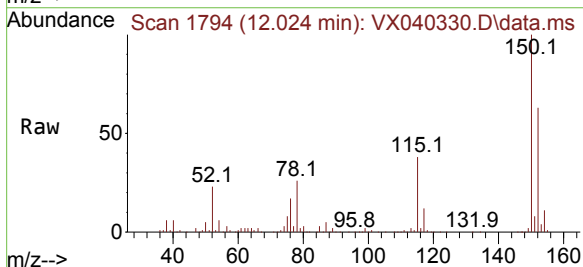
Tgt Ion:152 Resp: 72075

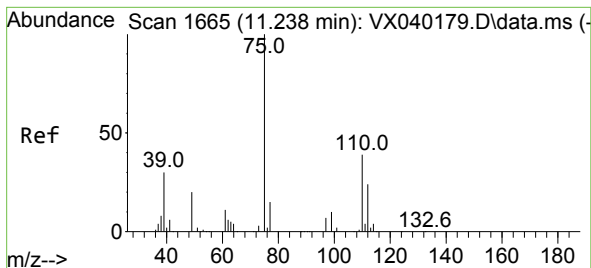
Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 159.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.741 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040330.D

Acq: 19 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

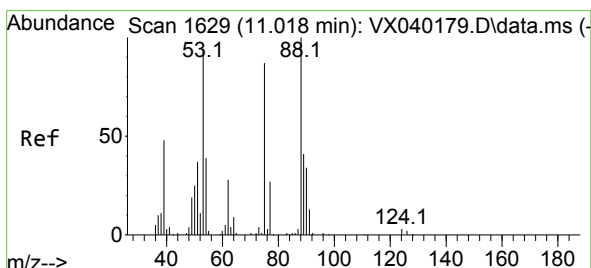
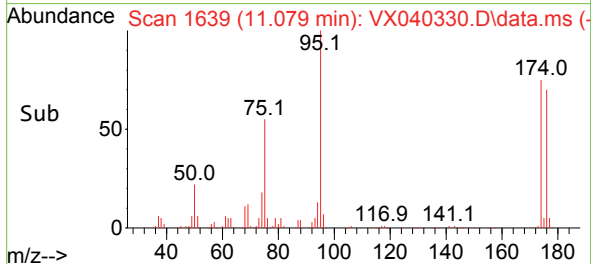
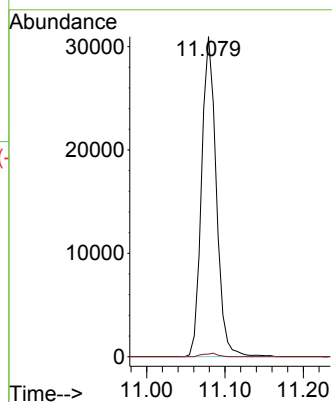
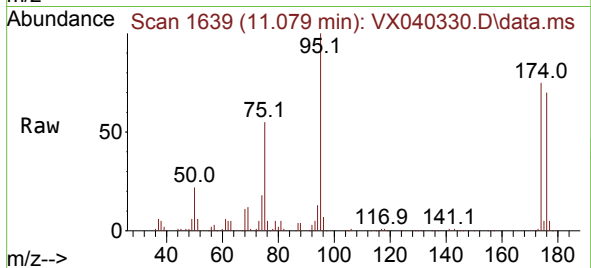
B-2(4-6)DL

Tgt Ion: 75 Resp: 40489

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040330.D

Acq: 19 Feb 2024 15:03

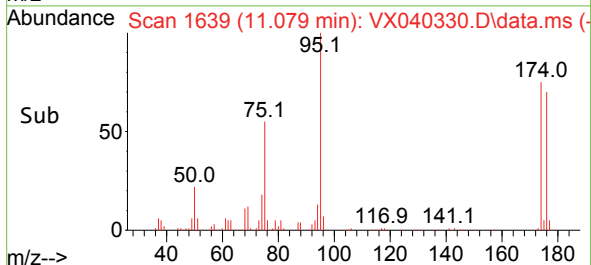
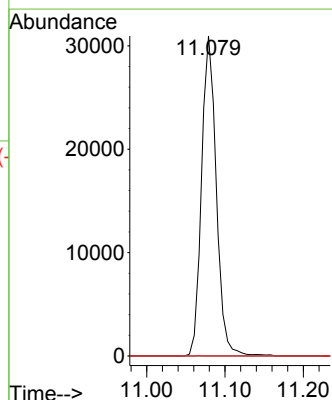
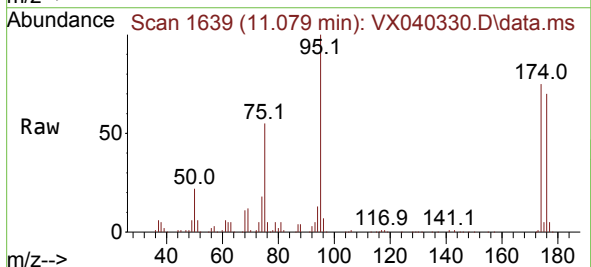
Tgt Ion: 75 Resp: 40489

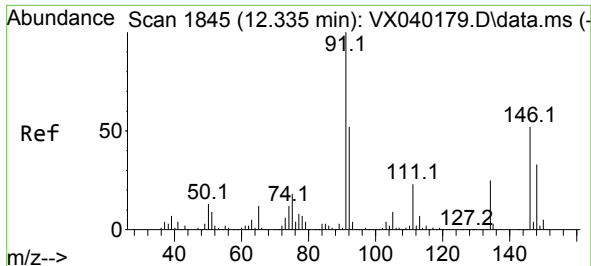
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

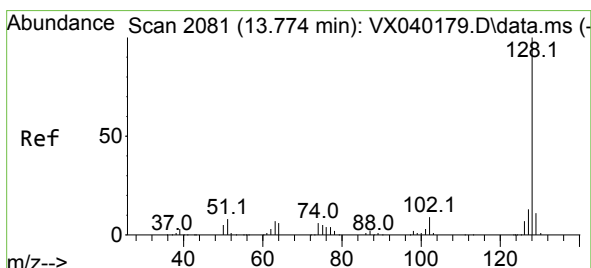
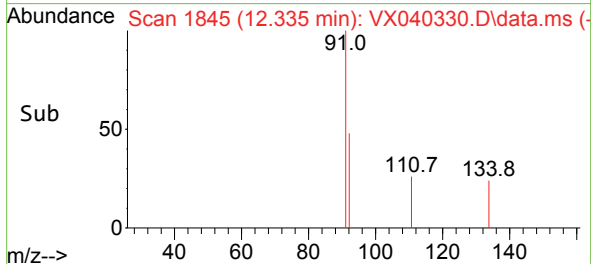
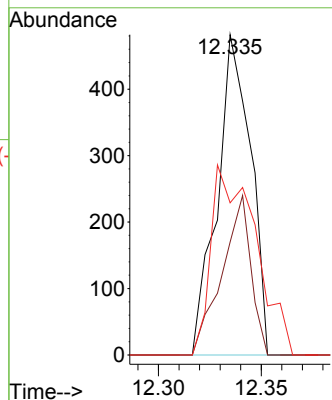
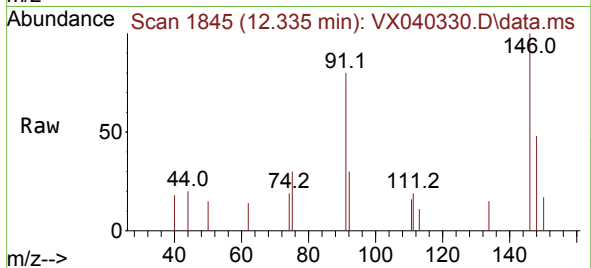




#91
1,2-Dichlorobenzene
Concen: 0.237 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

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

Tgt Ion:146 Resp: 546
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 78.9 31.6 95.0



#95
Naphthalene
Concen: 0.592 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040330.D
Acq: 19 Feb 2024 15:03

Tgt Ion:128 Resp: 2943
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 13.0 8.8 13.2

