

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040263.D
 Acq On : 16 Feb 2024 09:22
 Operator : JC/MD
 Sample : VX0216MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216MBL01

Quant Time: Feb 17 01:29:15 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)

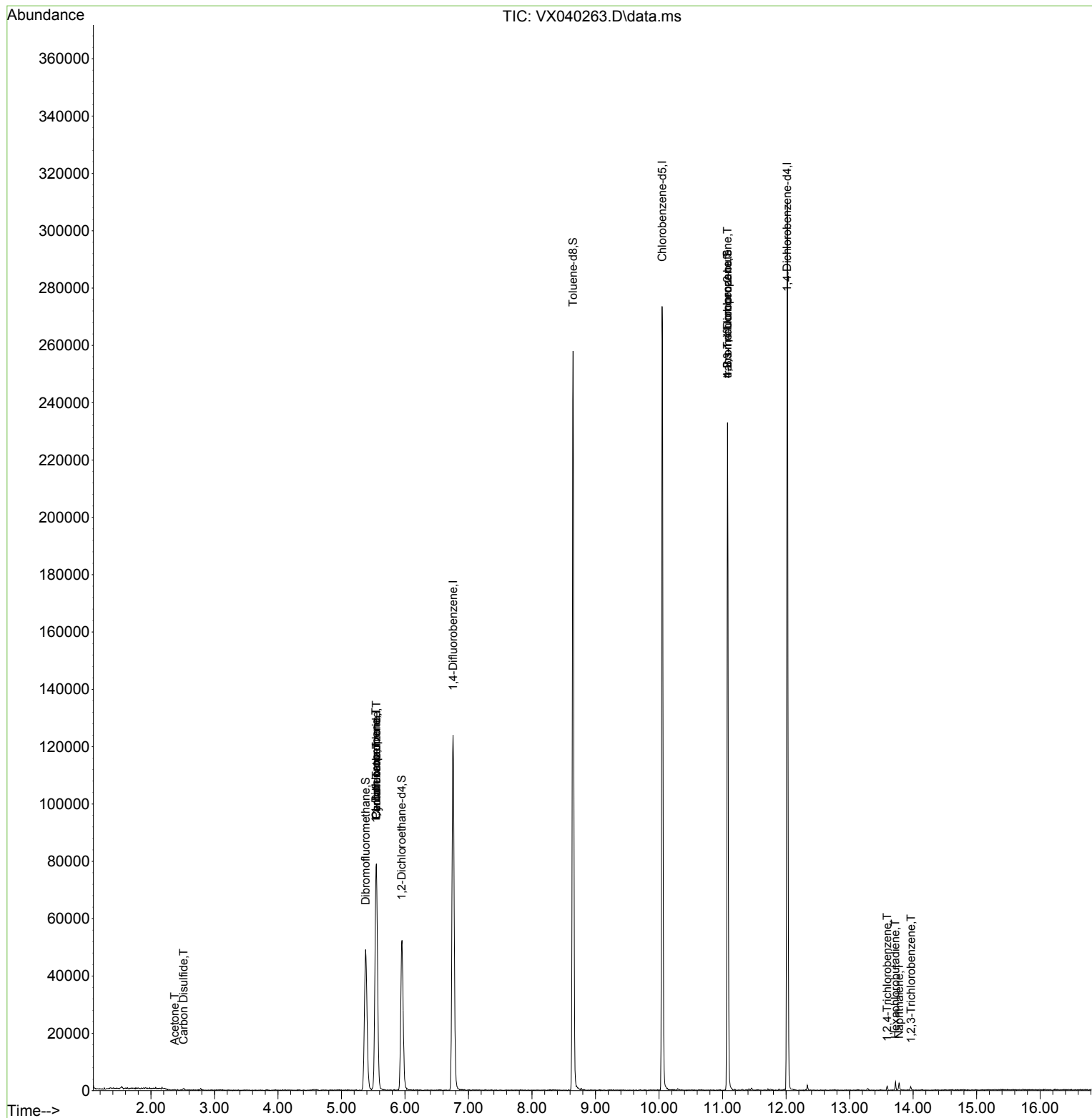
Internal Standards						
1) Pentafluorobenzene	5.550	168	76235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	49622	43.753	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.500%		
35) Dibromofluoromethane	5.379	113	42254	47.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	8.647	98	155096	46.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.040%		
62) 4-Bromofluorobenzene	11.079	95	60494	44.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.980%		
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	153	0.328	ug/l #	47
17) Carbon Disulfide	2.514	76	746	0.363	ug/l #	76
20) Methylene Chloride	2.788	84	121	Below Cal	#	55
31) Cyclohexane	5.550	56	1599	1.182	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	5984	4.793	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7366	6.205	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	31255	24.297	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31255	66.935	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	606	0.437	ug/l	67
94) Hexachlorobutadiene	13.719	225	488	0.881	ug/l	99
95) Naphthalene	13.780	128	1708	0.390	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	522	0.395	ug/l	78

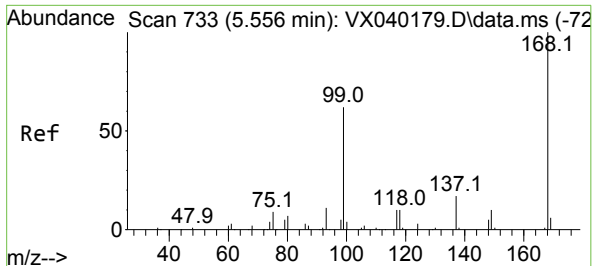
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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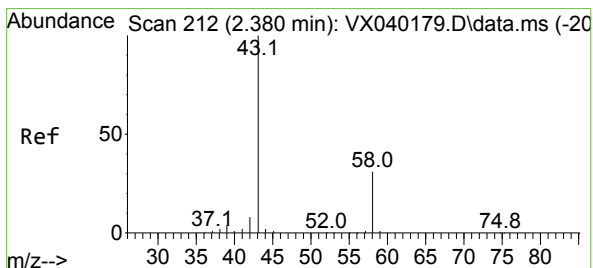
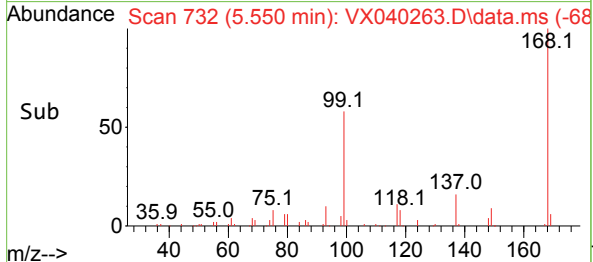
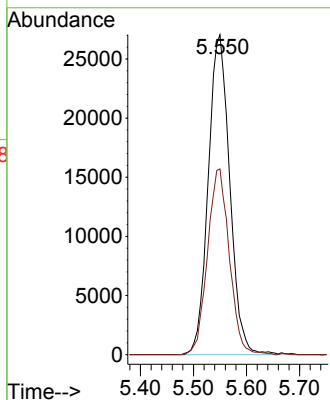
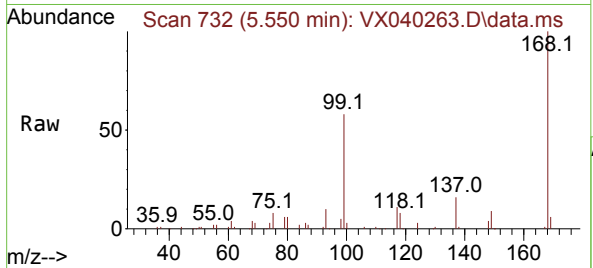




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

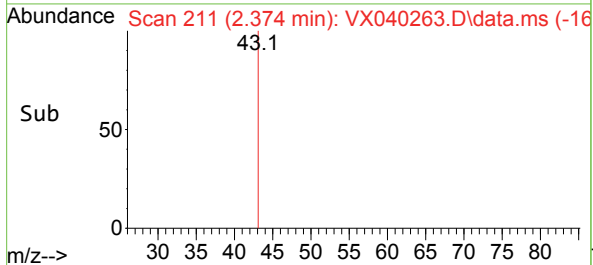
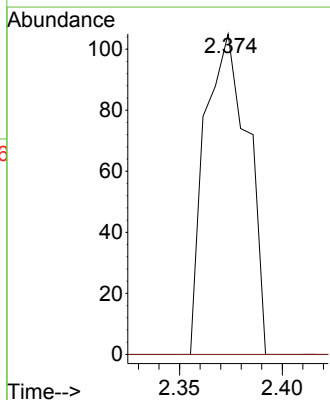
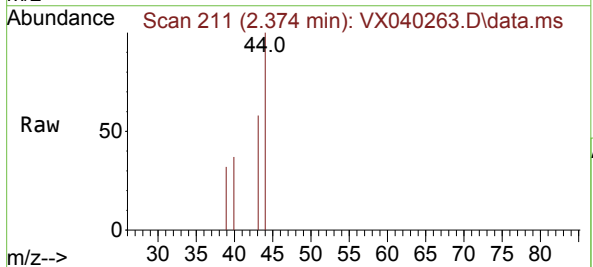
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

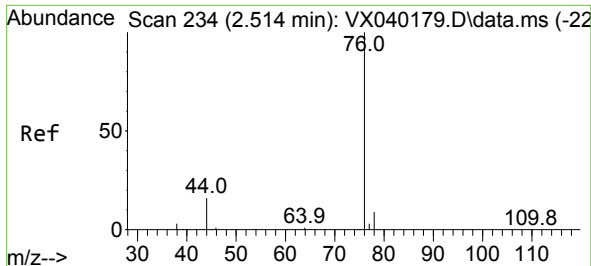
Tgt Ion:168 Resp: 76235
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#16
Acetone
Concen: 0.328 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.363 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040263.D

Acq: 16 Feb 2024 09:22

Instrument :

MSVOA_X

ClientSampleId :

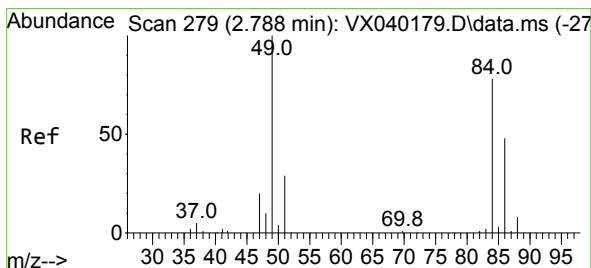
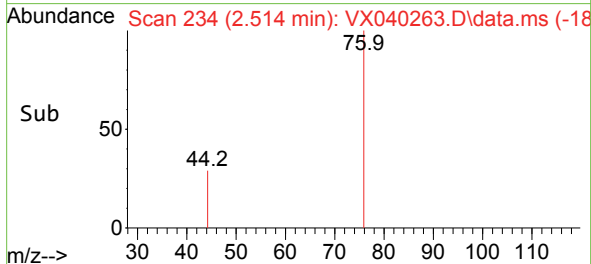
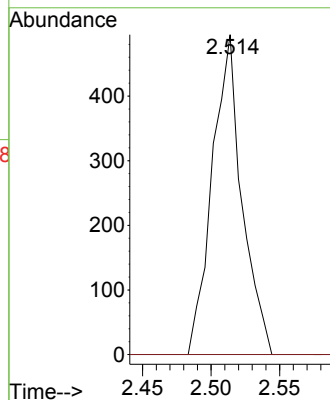
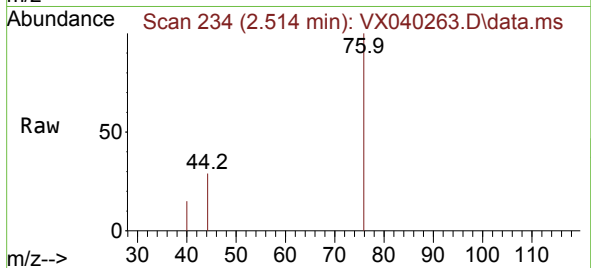
VX0216MBL01

Tgt Ion: 76 Resp: 746

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040263.D

Acq: 16 Feb 2024 09:22

Tgt Ion: 84 Resp: 121

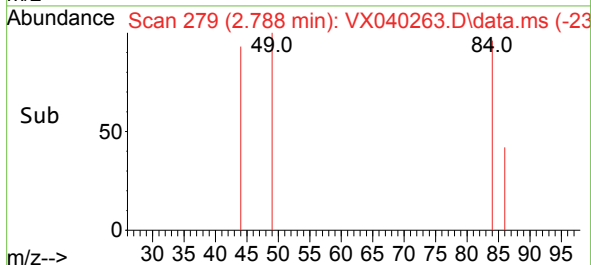
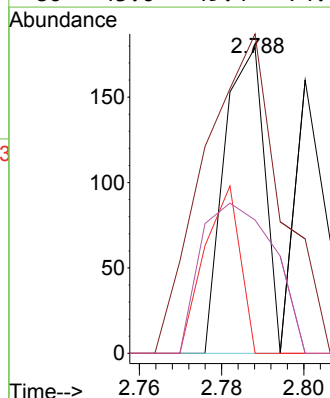
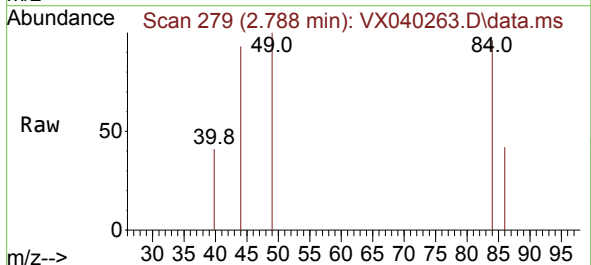
Ion Ratio Lower Upper

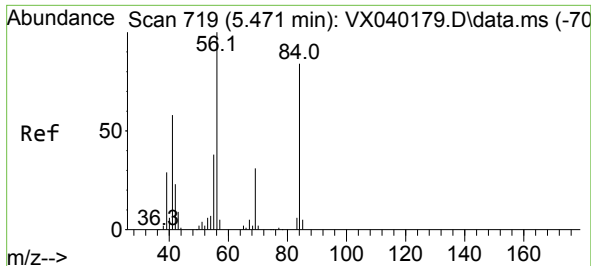
84 100

49 74.3 103.6 155.4#

51 0.0 33.8 50.6#

86 43.6 49.4 74.0#

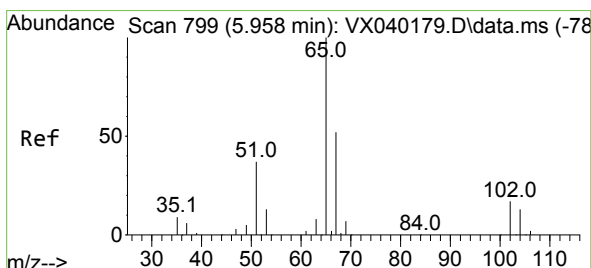
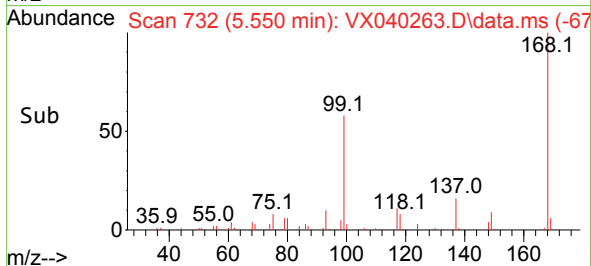
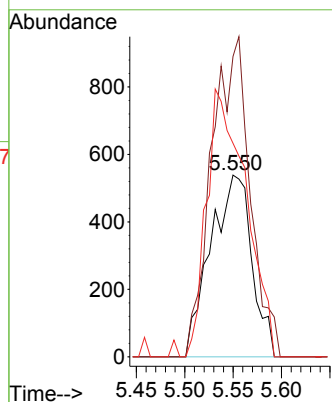
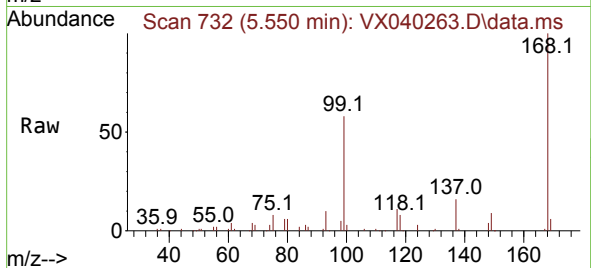




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

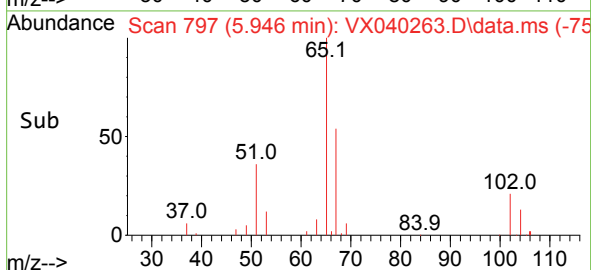
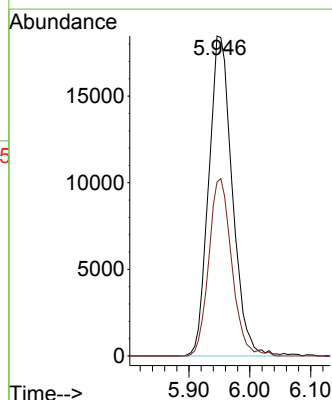
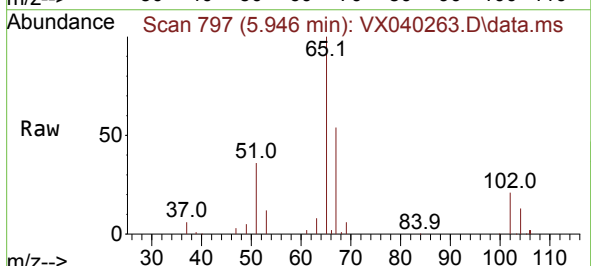
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

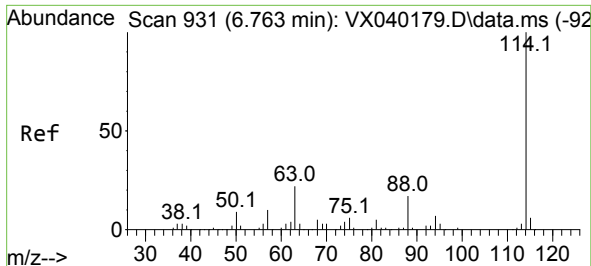
Tgt Ion: 56 Resp: 1599
Ion Ratio Lower Upper
56 100
69 165.1 23.4 35.2#
84 117.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.753 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion: 65 Resp: 49622
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

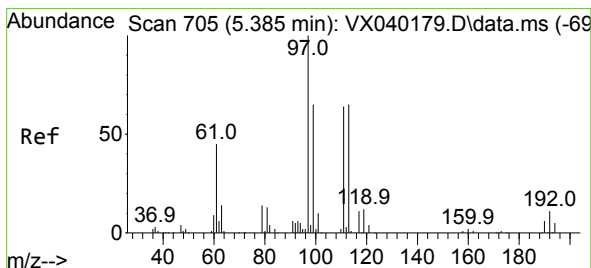
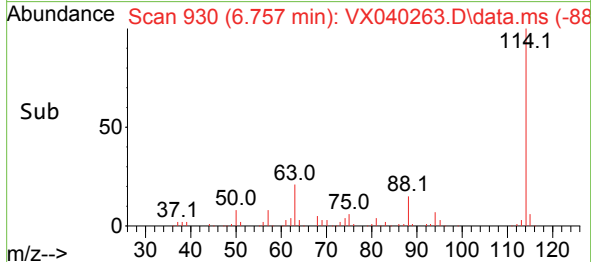
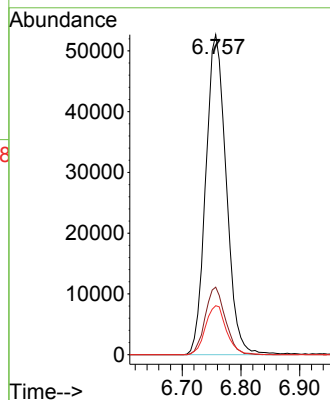
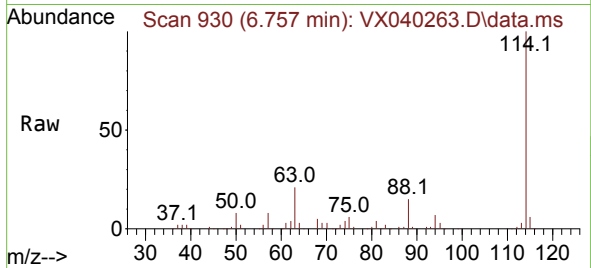




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

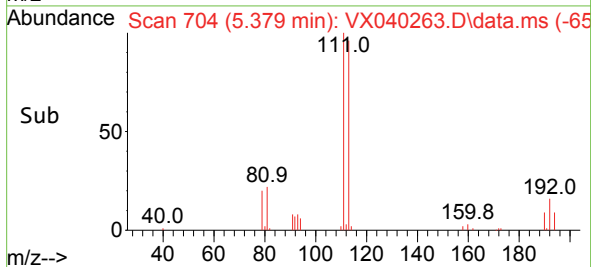
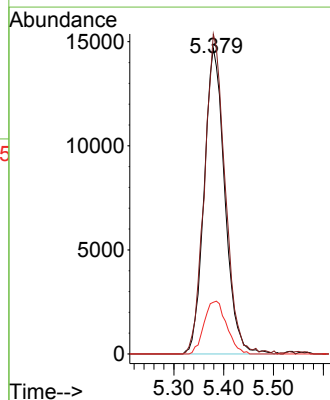
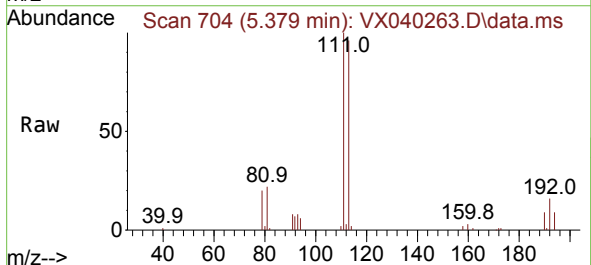
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

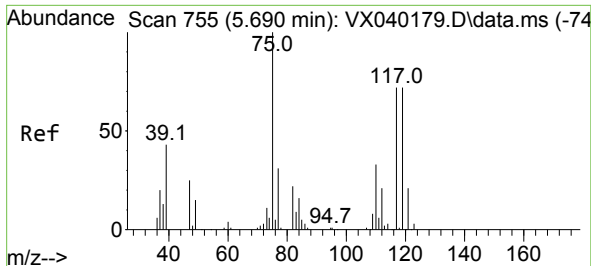
Tgt Ion:114 Resp: 127622
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion:113 Resp: 42254
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 18.8 13.3 19.9

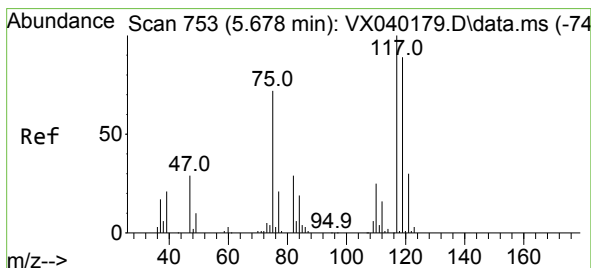
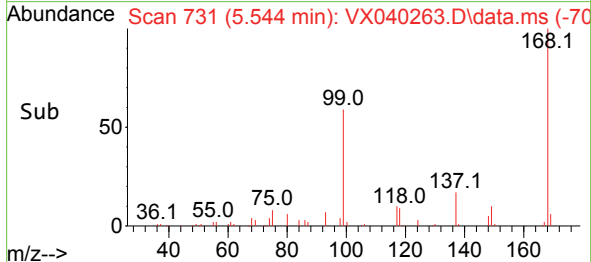
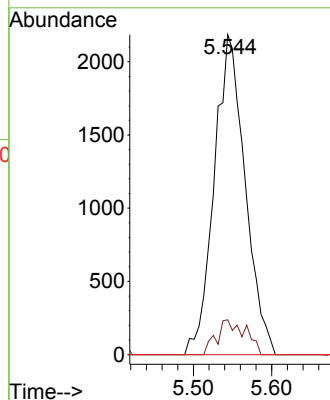
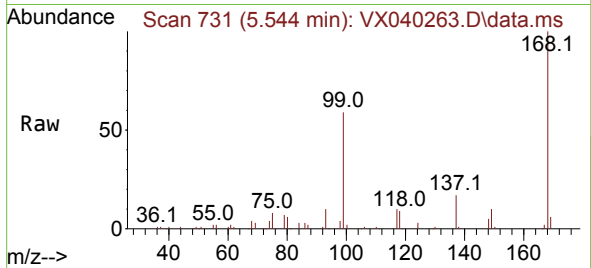




#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

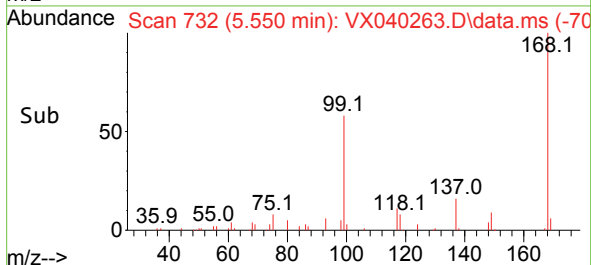
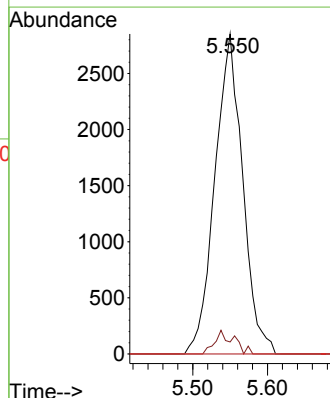
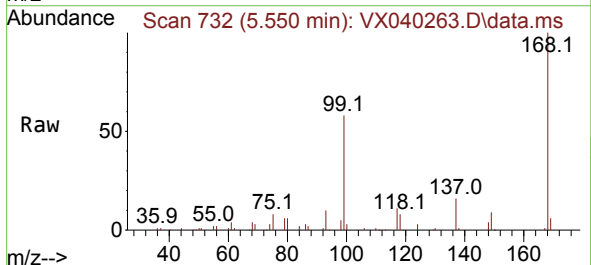
Instrument :
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ClientSampleId :
VX0216MBL01

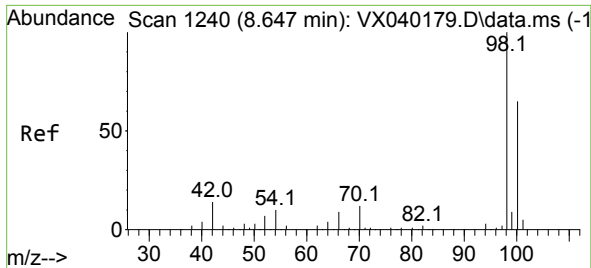
Tgt Ion: 75 Resp: 5984
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion: 117 Resp: 7366
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

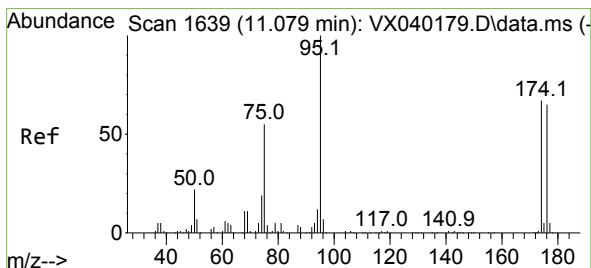
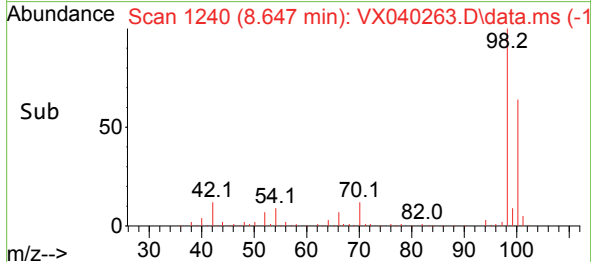
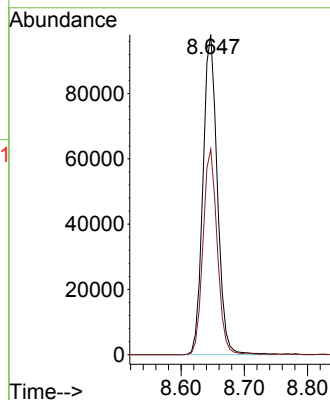
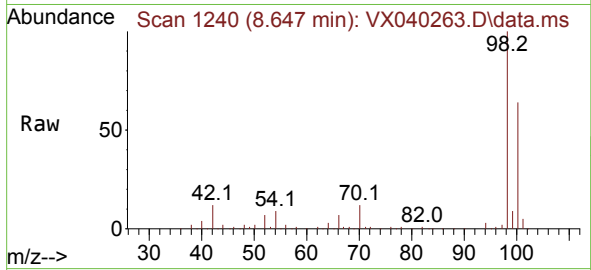




#50
Toluene-d8
Concen: 46.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

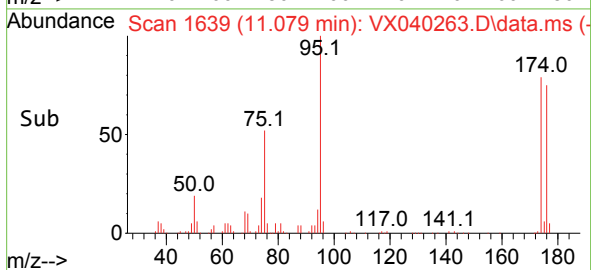
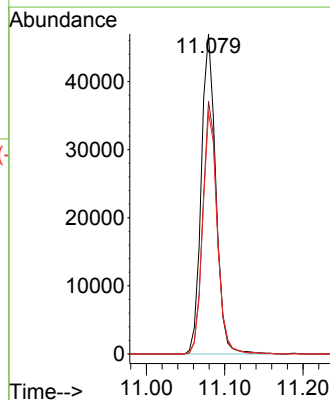
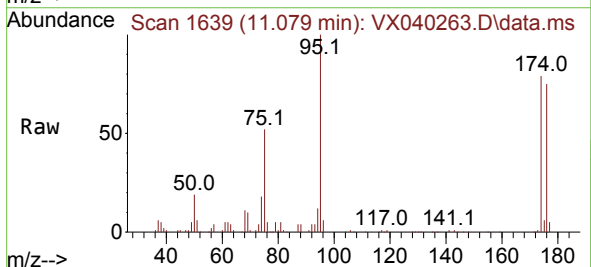
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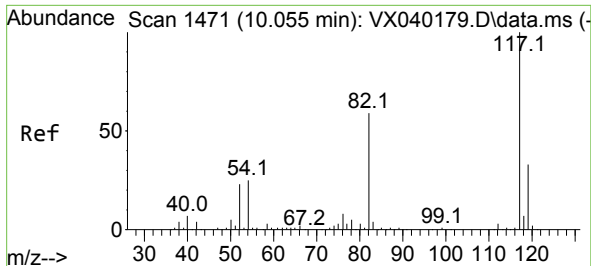
Tgt Ion: 98 Resp: 155096
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion: 95 Resp: 60494
Ion Ratio Lower Upper
95 100
174 78.2 0.0 135.6
176 75.7 0.0 131.0

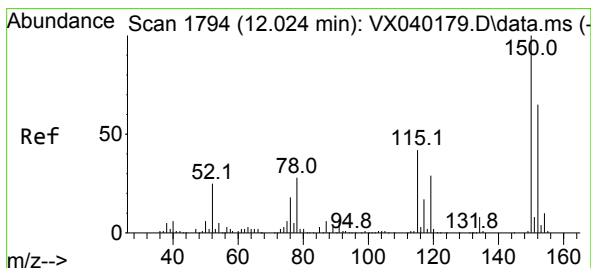
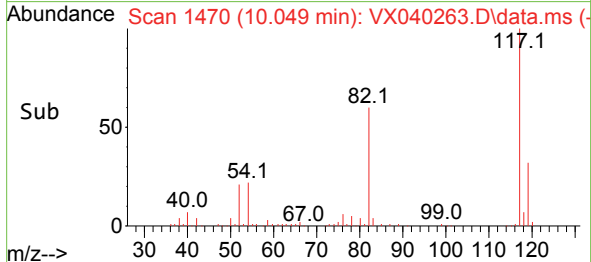
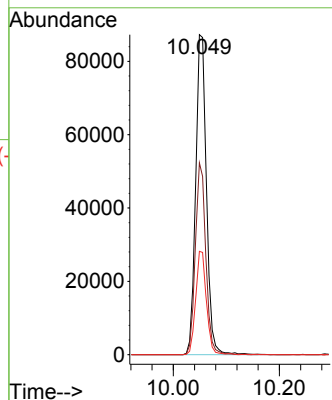
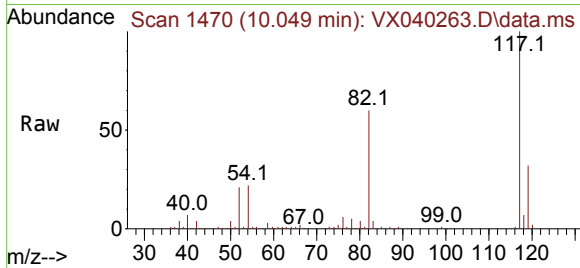




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

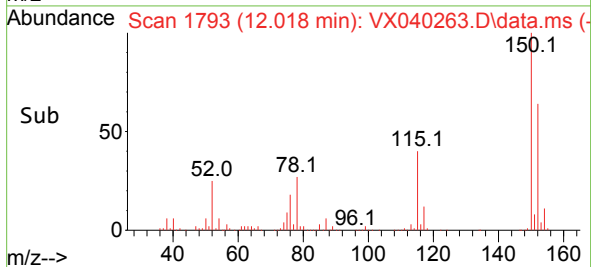
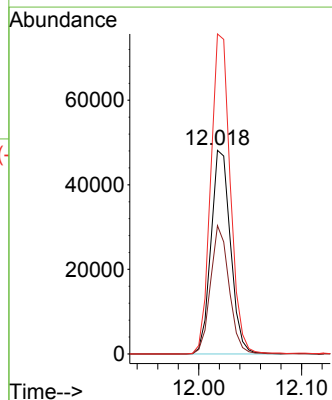
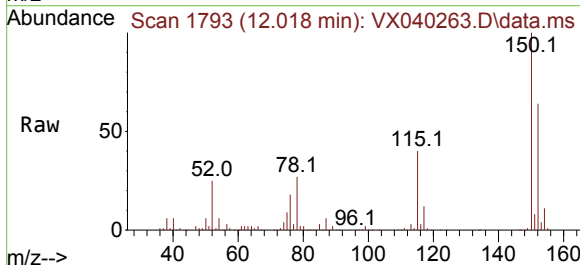
Instrument :
MSVOA_X
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VX0216MBL01

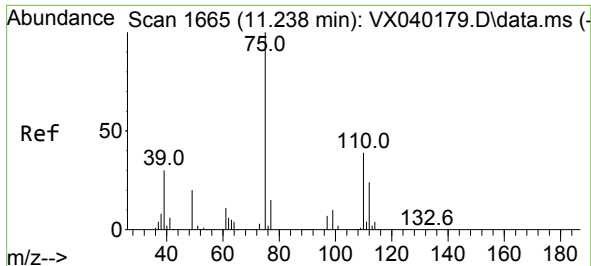
Tgt Ion:117 Resp: 122961
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion:152 Resp: 63523
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.4 0.0 345.0

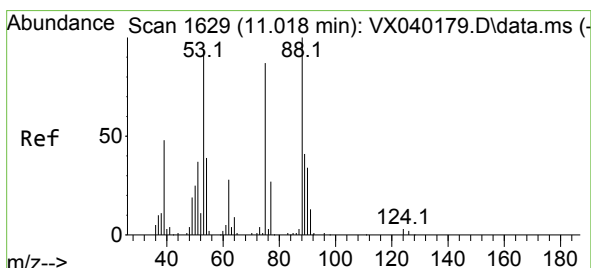
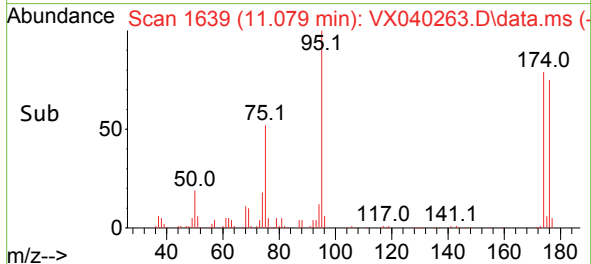
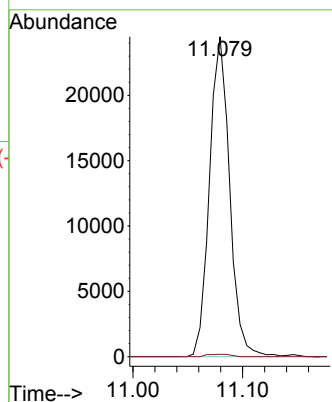
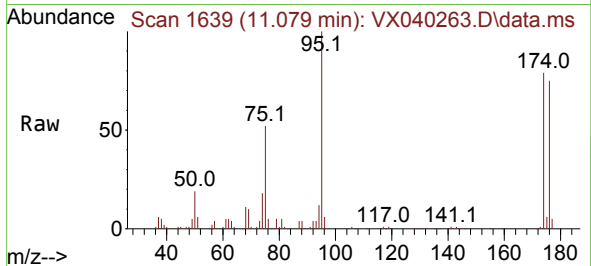




#76
1,2,3-Trichloropropane
Concen: 24.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

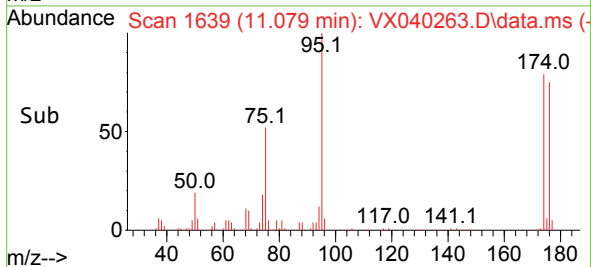
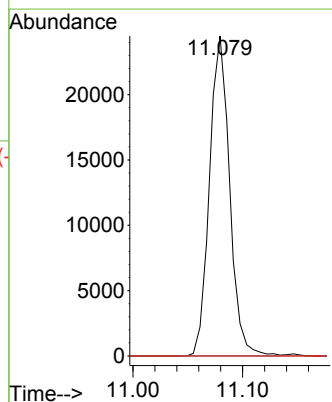
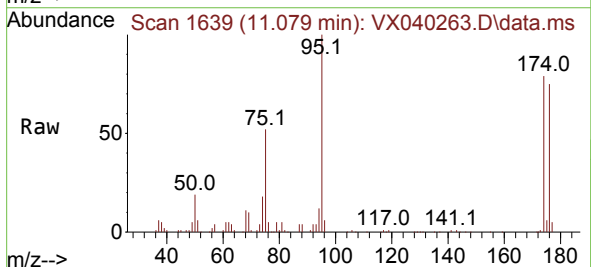
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

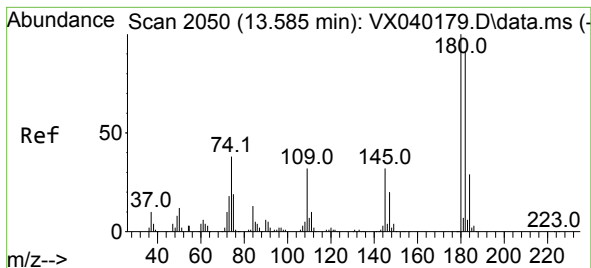
Tgt Ion: 75 Resp: 31255
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion: 75 Resp: 31255
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

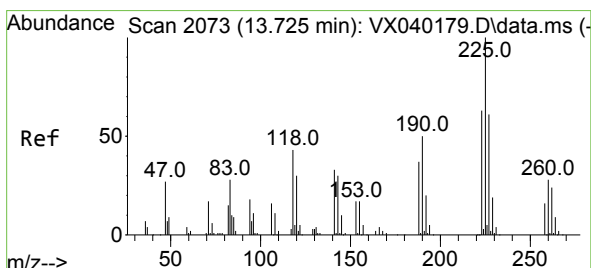
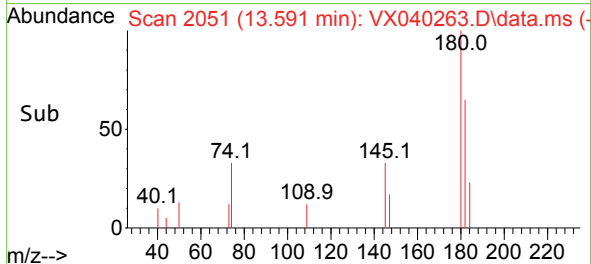
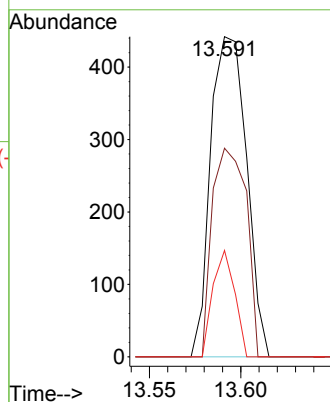
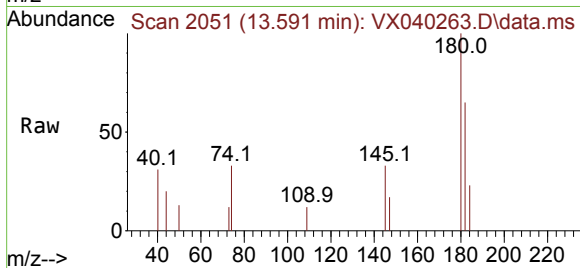




#93
1,2,4-Trichlorobenzene
Concen: 0.437 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

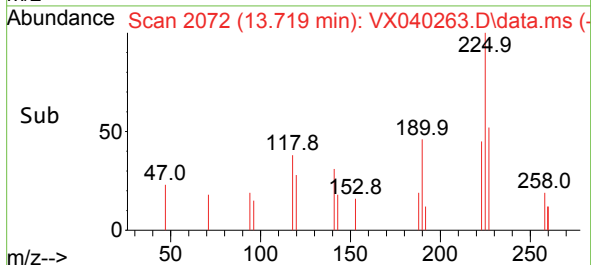
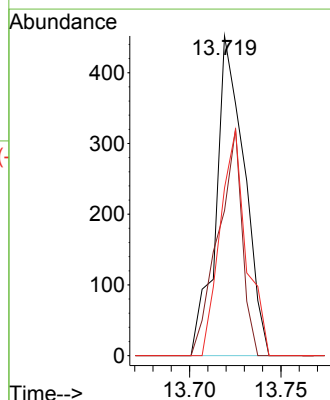
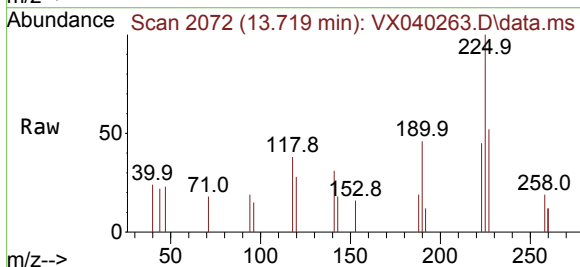
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

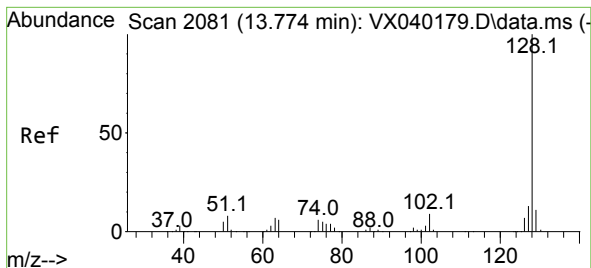
Tgt Ion:180 Resp: 606
Ion Ratio Lower Upper
180 100
182 61.6 48.3 144.8
145 20.1 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.881 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion:225 Resp: 488
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.2
227 65.0 32.5 97.5

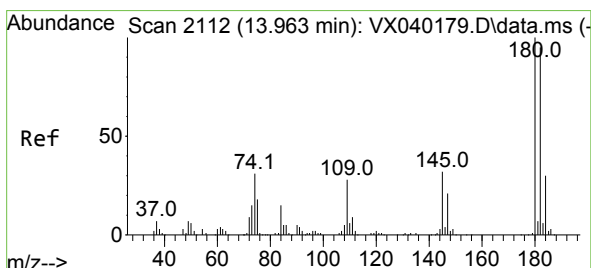
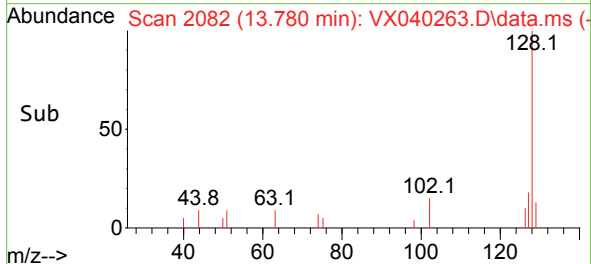
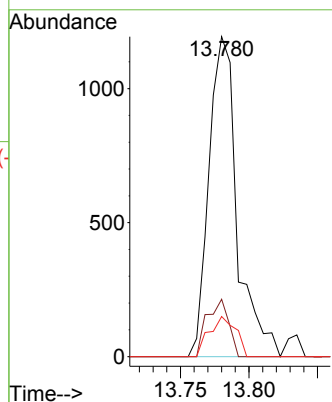
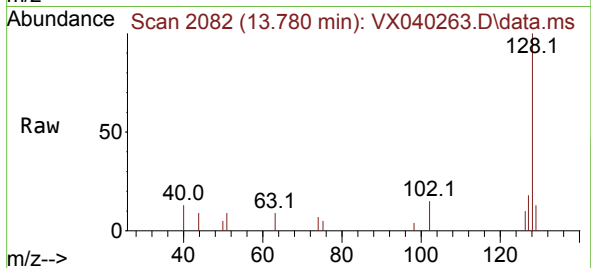




#95
Naphthalene
Concen: 0.390 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

Tgt Ion:128 Resp: 1708
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.395 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX040263.D
Acq: 16 Feb 2024 09:22

Tgt Ion:180 Resp: 522
Ion Ratio Lower Upper
180 100
182 72.0 46.9 140.6
145 22.8 17.8 53.5

