

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040951.D
 Acq On : 09 Apr 2024 13:44
 Operator : JC/MD
 Sample : P2031-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-01-37-040824

Quant Time: Apr 10 00:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

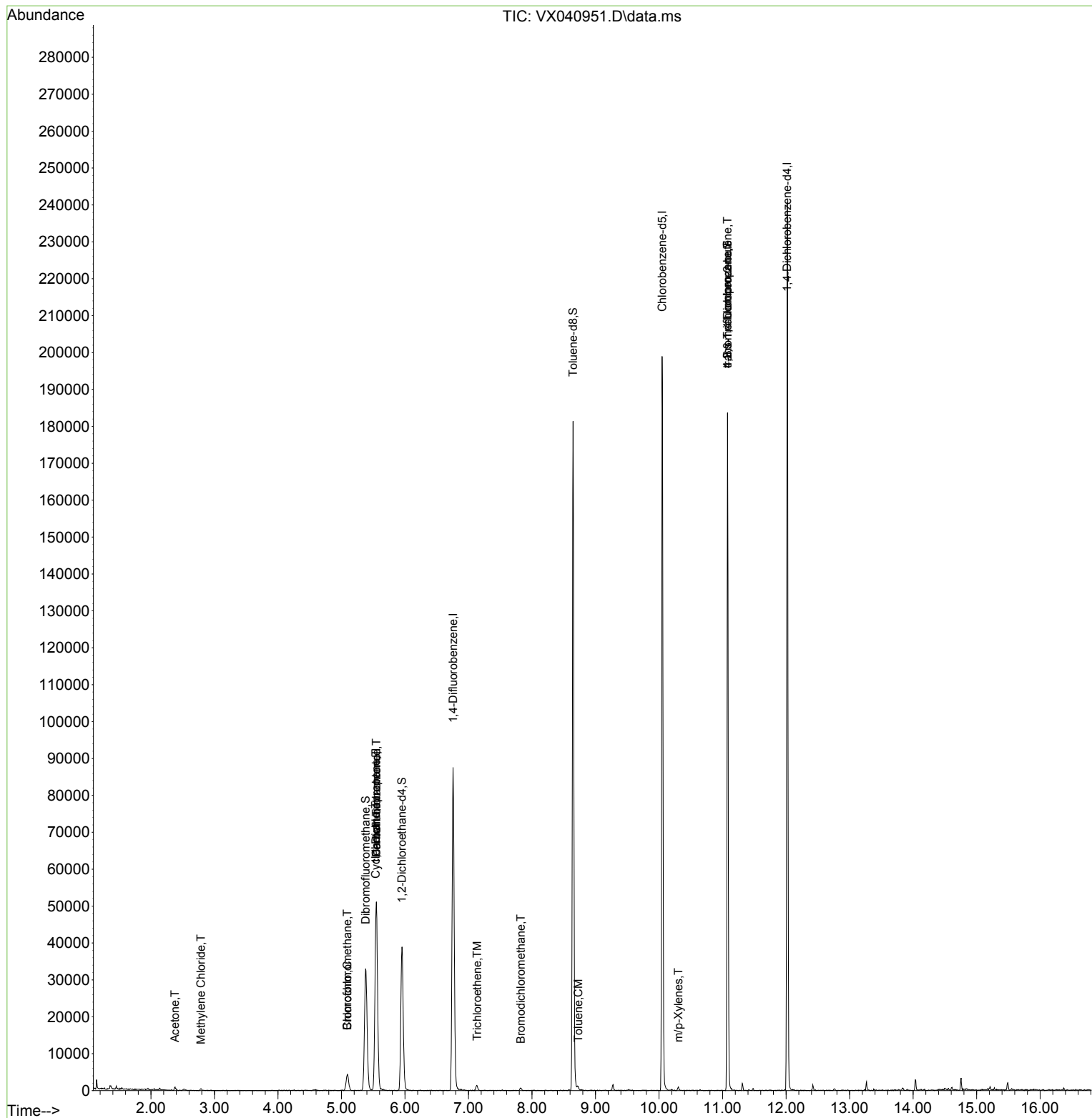
Internal Standards						
1) Pentafluorobenzene	5.550	168	45056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	80824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	81875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40913	50.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.220%	
35) Dibromofluoromethane	5.379	113	28125	49.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.260%	
50) Toluene-d8	8.647	98	104850	50.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	11.079	95	44866	54.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1039	3.310	ug/l	98
20) Methylene Chloride	2.788	84	219	0.376	ug/l #	65
28) Bromochloromethane	5.093	49	388	0.860	ug/l #	16
30) Chloroform	5.093	83	5382	4.925	ug/l	94
31) Cyclohexane	5.538	56	1221	1.423	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	4184	5.144	ug/l #	49
38) Carbon Tetrachloride	5.550	117	5211	5.787	ug/l #	17
44) Trichloroethene	7.135	130	552	0.979	ug/l	82
47) Bromodichloromethane	7.824	83	742	0.807	ug/l #	78
52) Toluene	8.726	92	319	0.224	ug/l	77
68) m/p-Xylenes	10.305	106	289	0.249	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	26047	27.382	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	26047	73.877	ug/l #	5

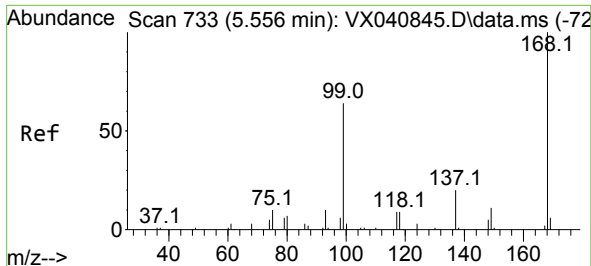
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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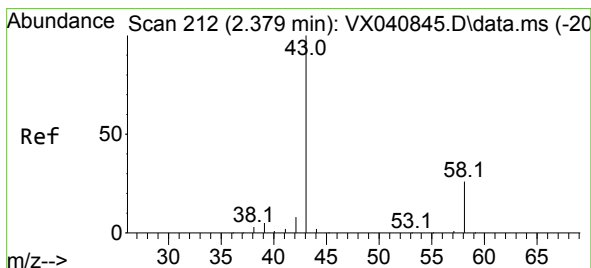
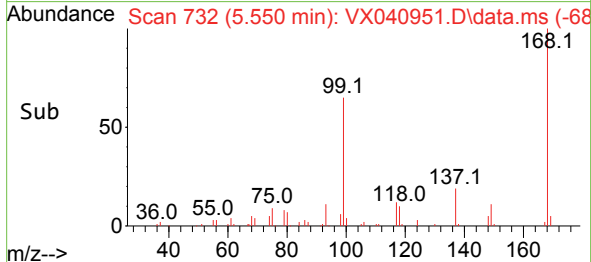
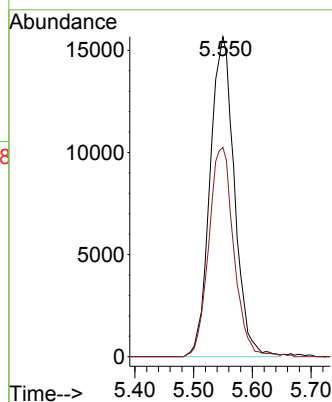
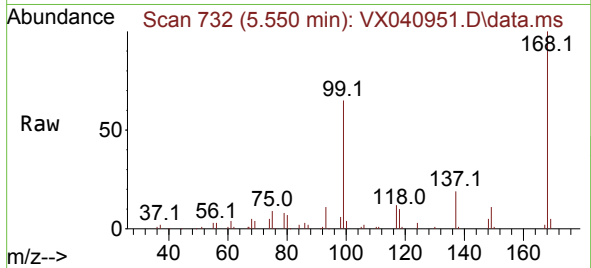




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

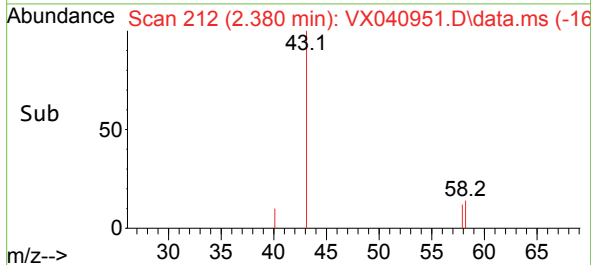
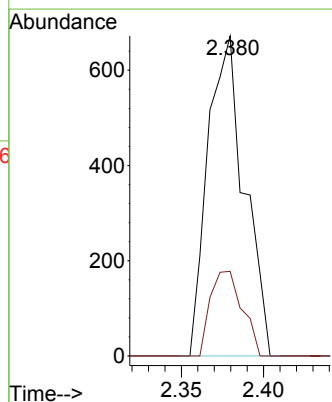
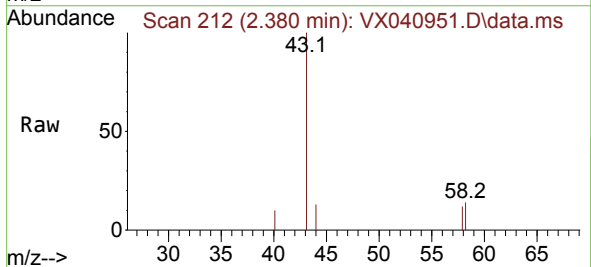
Instrument :
MSVOA_X
ClientSampleId :
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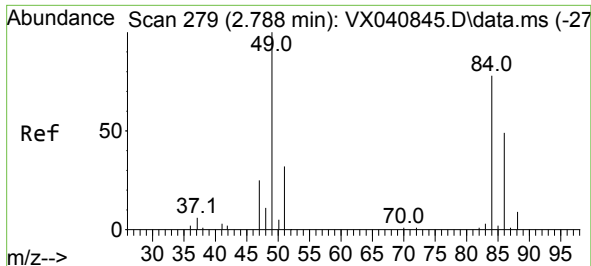
Tgt Ion:168 Resp: 45056
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#16
Acetone
Concen: 3.310 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9

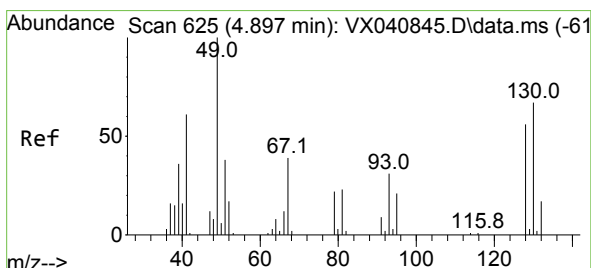
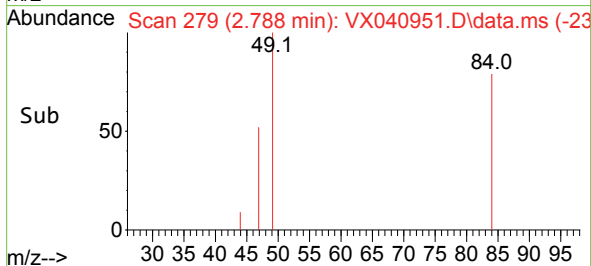
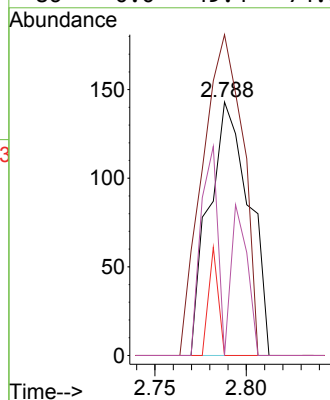
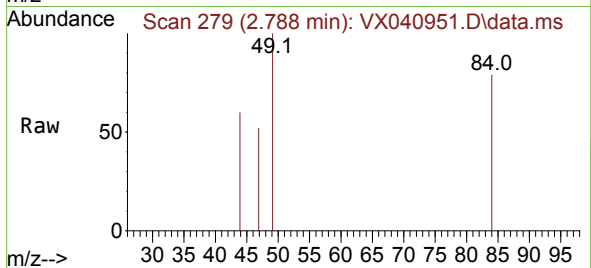




#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.788 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

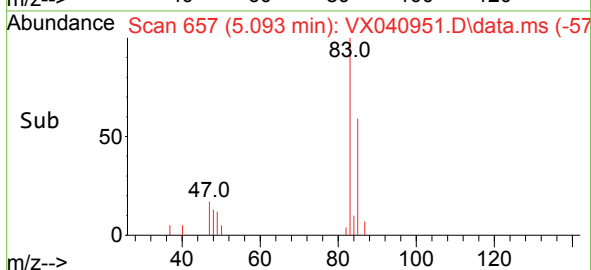
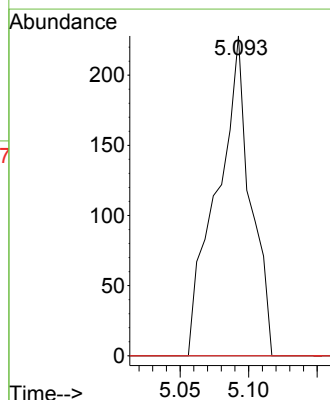
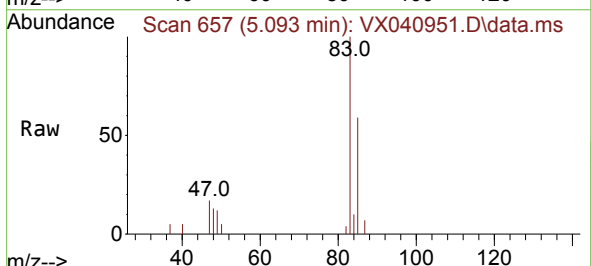
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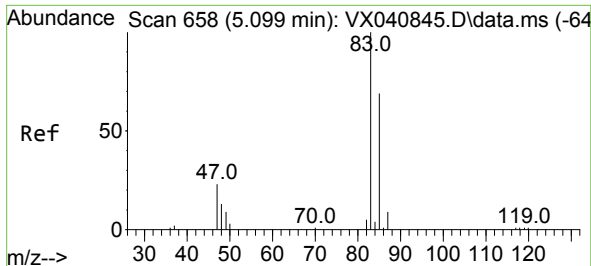
Tgt Ion:	84	Resp:	219
Ion	Ratio	Lower	Upper
84	100		
49	126.6	103.6	155.4
51	0.0	33.8	50.6#
86	0.0	49.4	74.0#



#28
Bromochloromethane
Concen: 0.860 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion:	49	Resp:	388
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3#

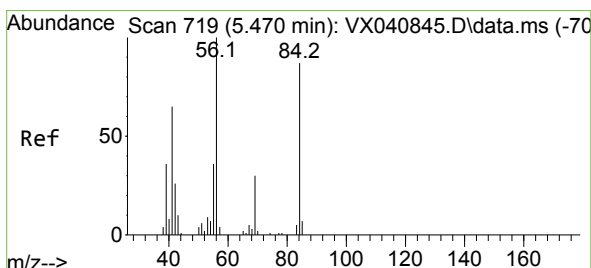
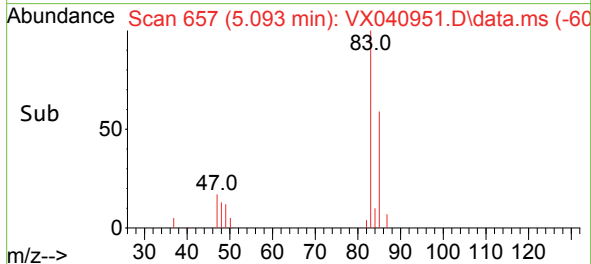
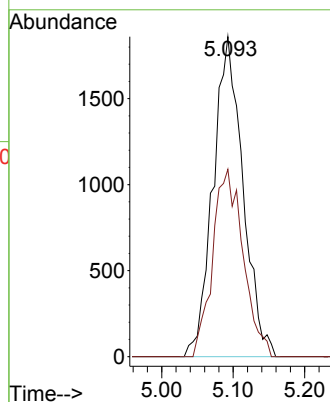
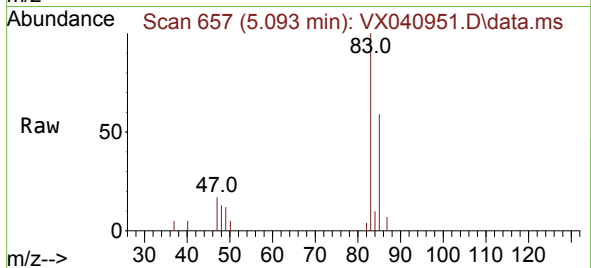




#30
Chloroform
Concen: 4.925 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

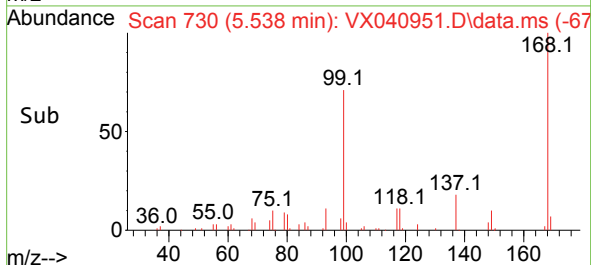
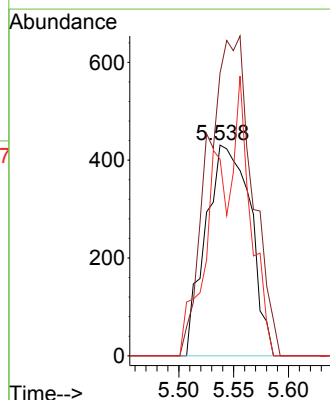
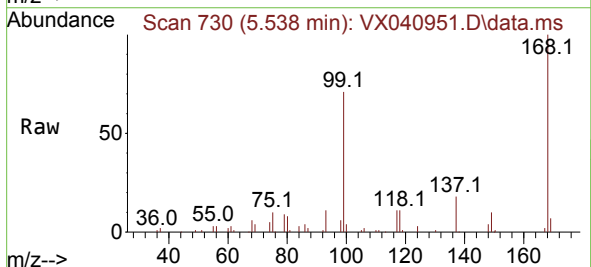
Instrument :
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RSB-01-37-040824

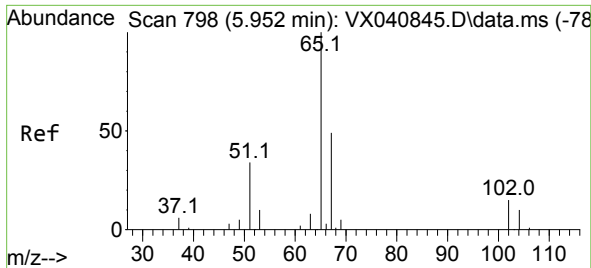
Tgt Ion: 83 Resp: 5382
Ion Ratio Lower Upper
83 100
85 58.5 50.3 75.5



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion: 56 Resp: 1221
Ion Ratio Lower Upper
56 100
69 134.1 23.4 35.2#
84 93.3 65.9 98.9

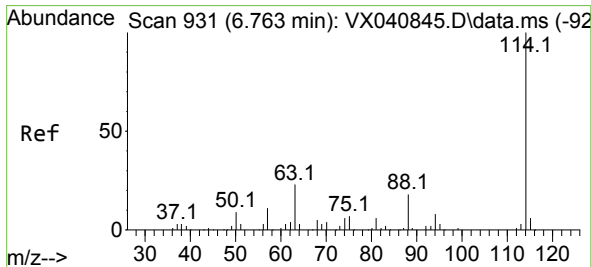
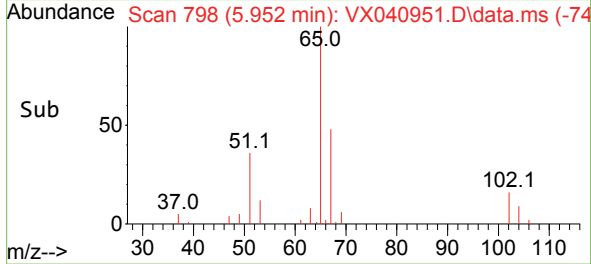
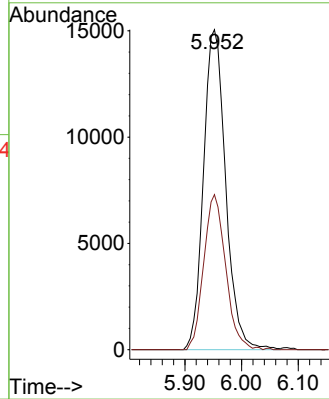
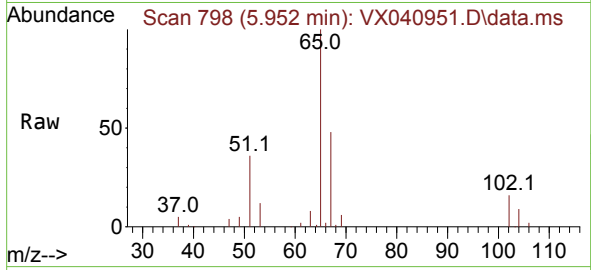




#33
 1,2-Dichloroethane-d4
 Concen: 50.608 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040951.D
 Acq: 09 Apr 2024 13:44

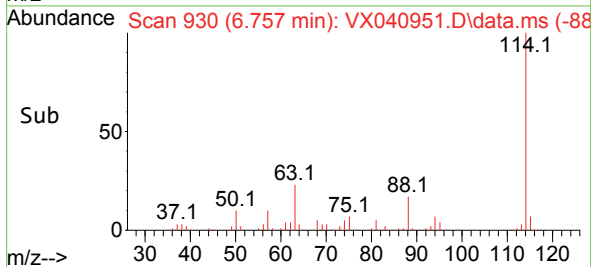
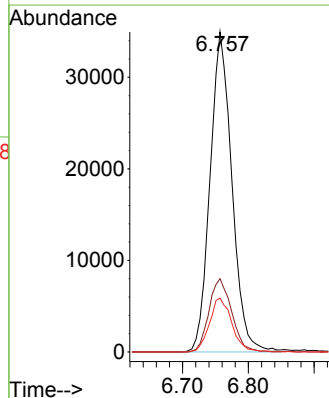
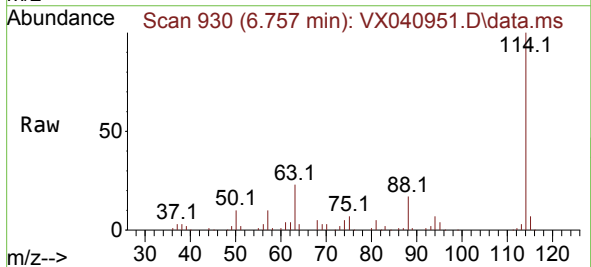
Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-01-37-040824

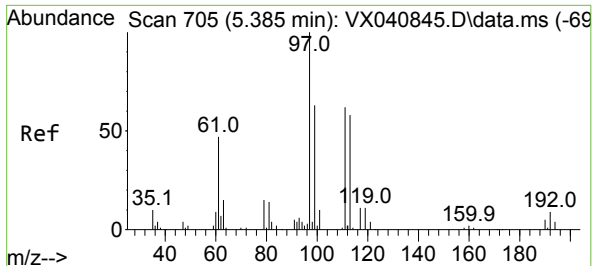
Tgt Ion: 65 Resp: 40913
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX040951.D
 Acq: 09 Apr 2024 13:44

Tgt Ion: 114 Resp: 80824
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 16.8 0.0 36.6

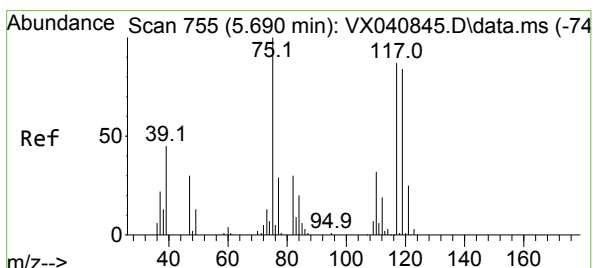
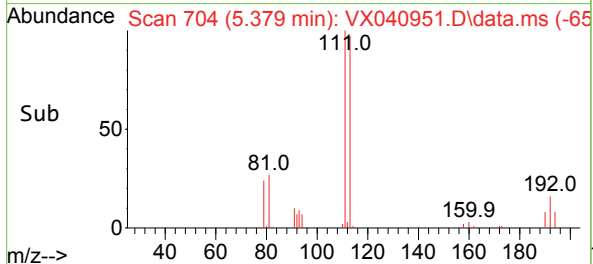
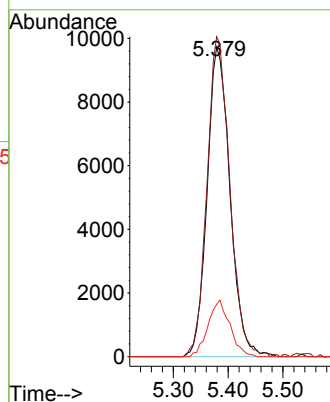
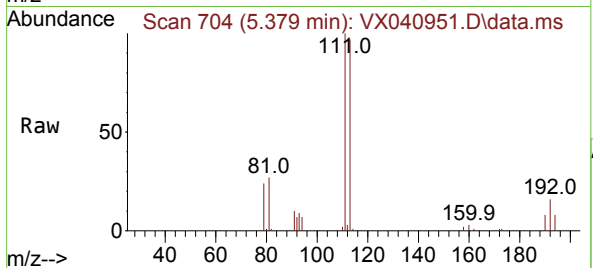




#35
Dibromofluoromethane
Concen: 49.129 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

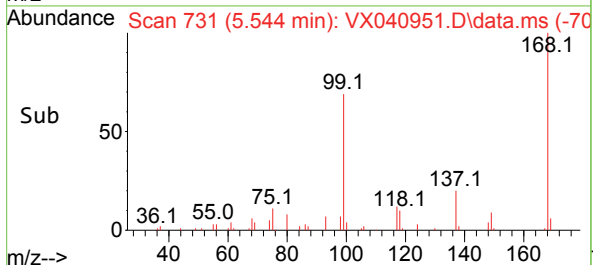
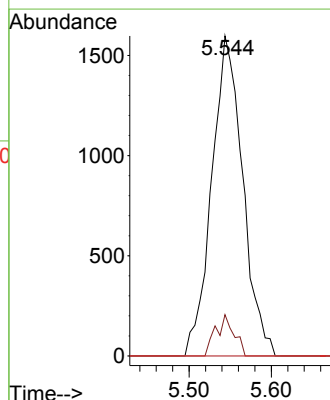
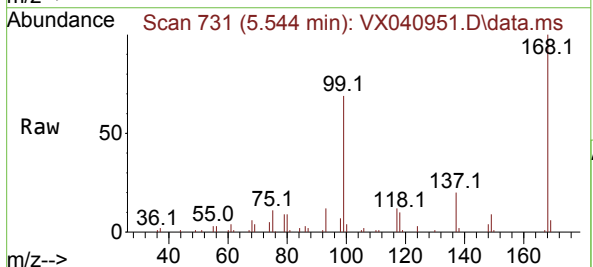
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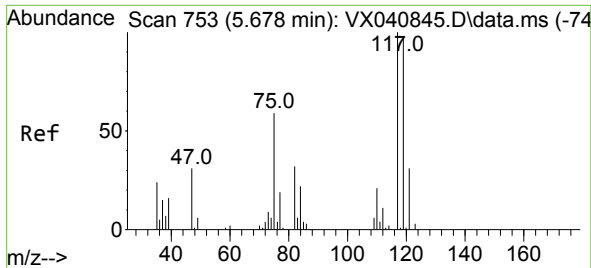
Tgt Ion:	113	Resp:	28125
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	17.6	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

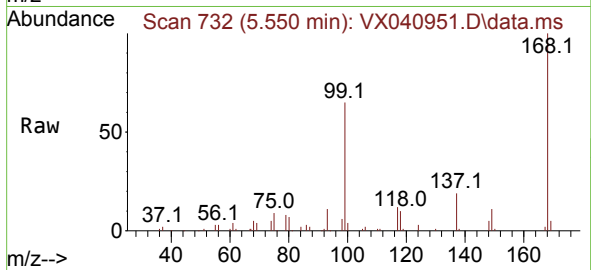
Tgt Ion:	75	Resp:	4184
Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	50.9#
77	0.0	24.7	37.1#



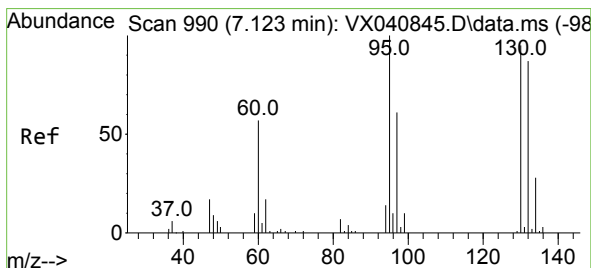
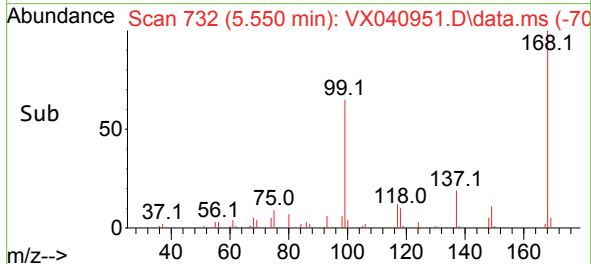
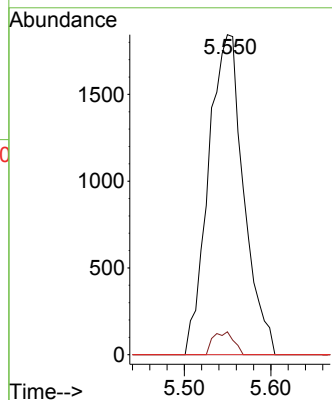


#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Instrument :
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RSB-01-37-040824

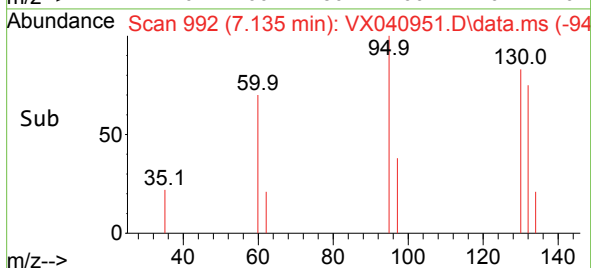
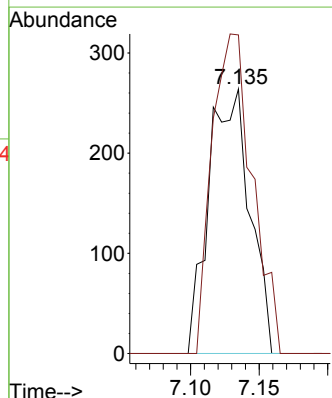
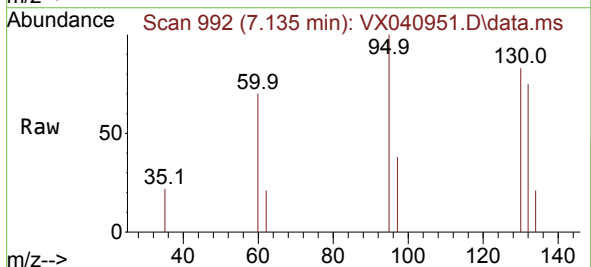


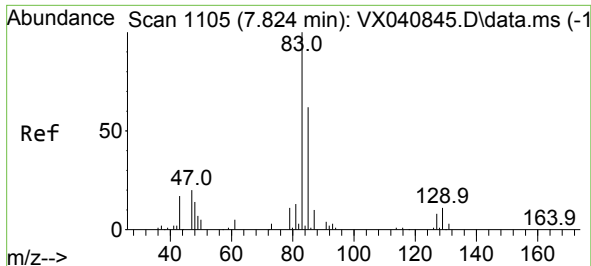
Tgt Ion:117 Resp: 5211
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.979 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion:130 Resp: 552
Ion Ratio Lower Upper
130 100
95 120.5 0.0 204.4

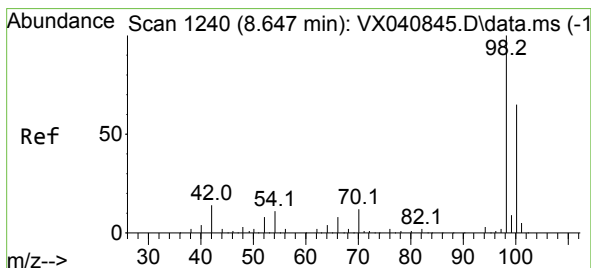
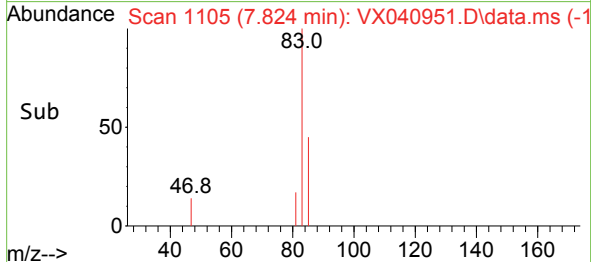
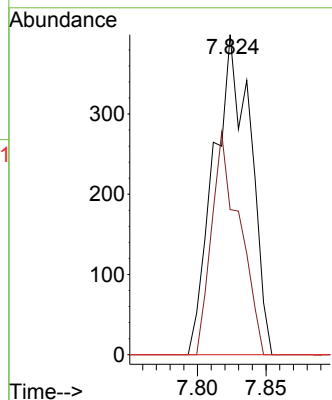
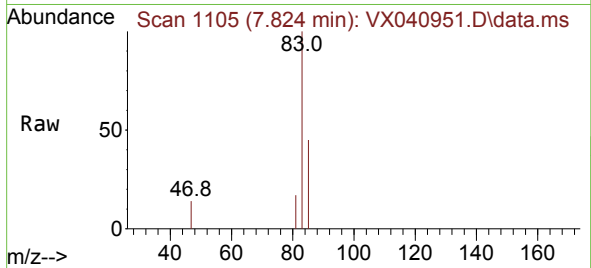




#47
Bromodichloromethane
Concen: 0.807 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

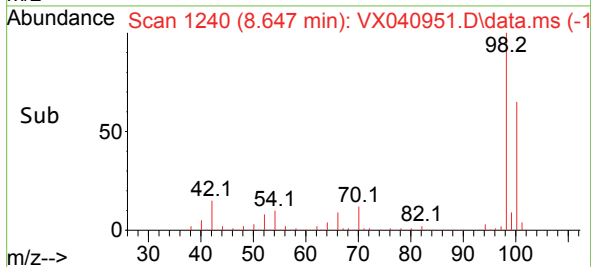
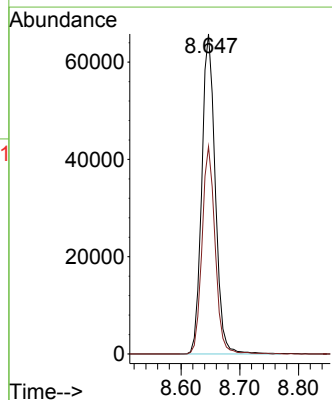
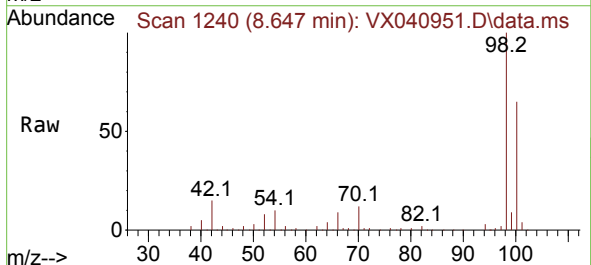
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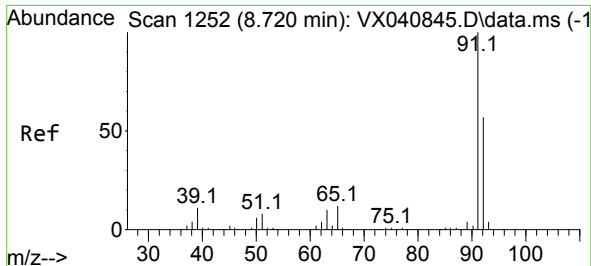
Tgt Ion: 83 Resp: 742
Ion Ratio Lower Upper
83 100
85 45.4 49.8 74.6#
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 50.686 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion: 98 Resp: 104850
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

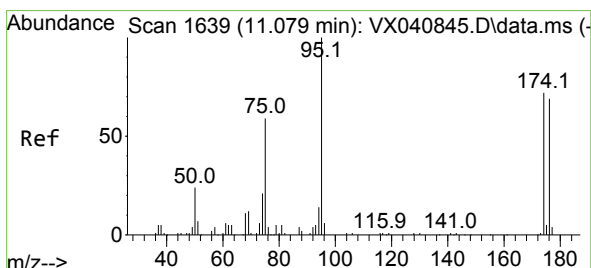
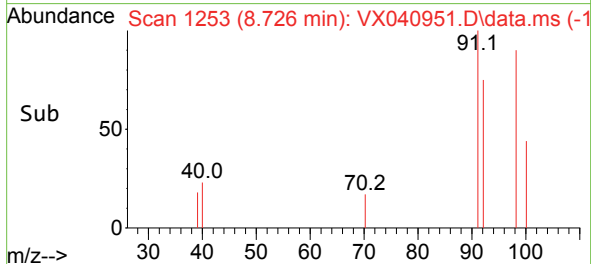
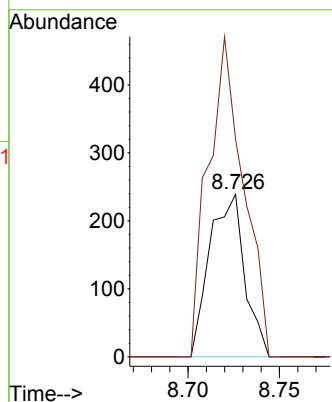
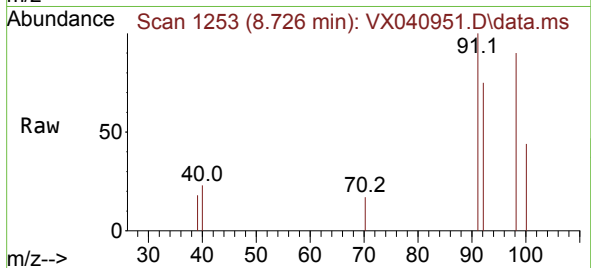




#52
Toluene
Concen: 0.224 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

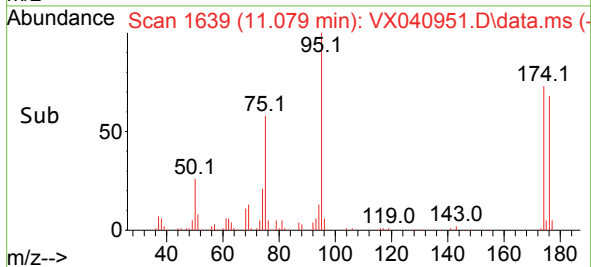
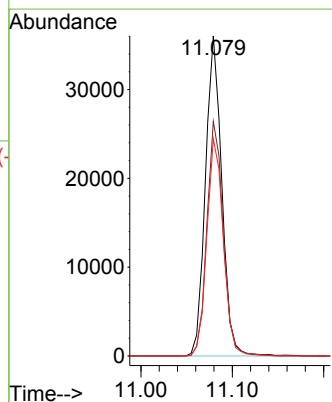
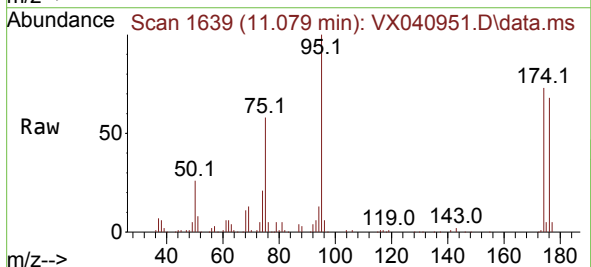
Instrument :
MSVOA_X
ClientSampleId :
RSB-01-37-040824

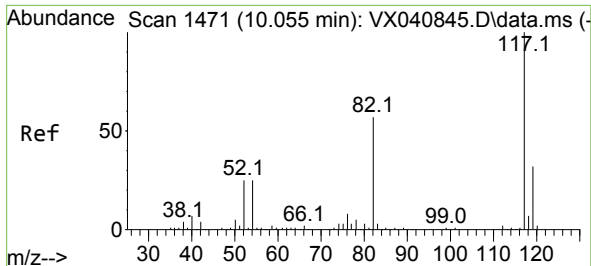
Tgt Ion: 92 Resp: 319
Ion Ratio Lower Upper
92 100
91 198.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 54.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion: 95 Resp: 44866
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 68.5 0.0 131.0

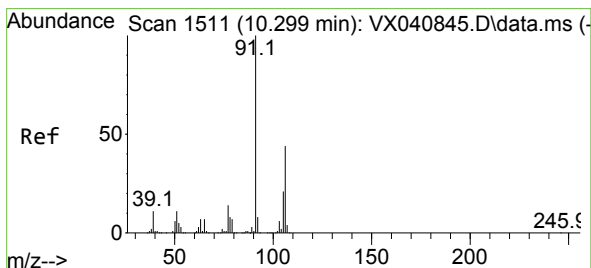
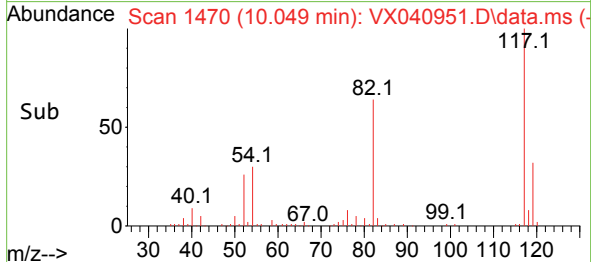
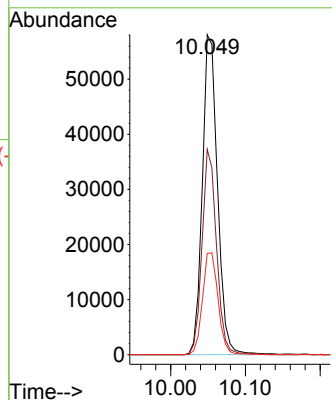
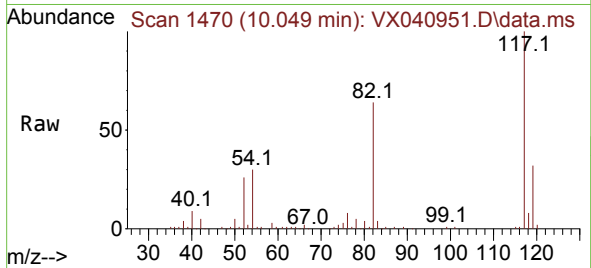




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

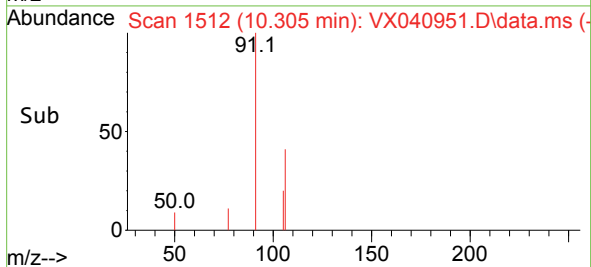
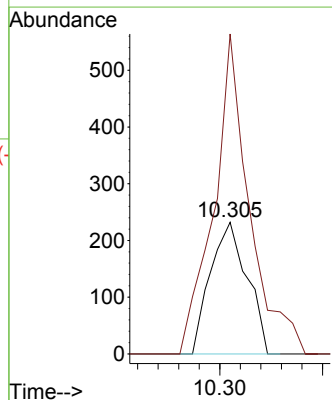
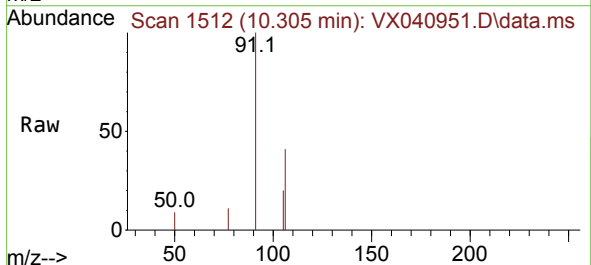
Instrument :
MSVOA_X
ClientSampleId :
RSB-01-37-040824

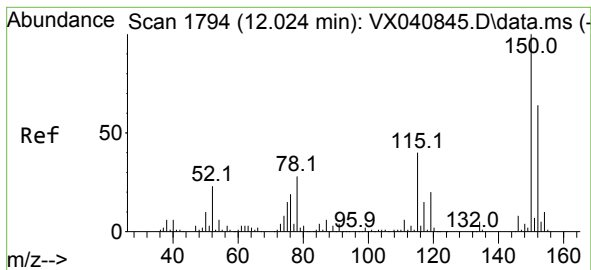
Tgt Ion:117 Resp: 81875
Ion Ratio Lower Upper
117 100
82 64.1 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.249 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

Tgt Ion:106 Resp: 289
Ion Ratio Lower Upper
106 100
91 234.9 165.5 248.3

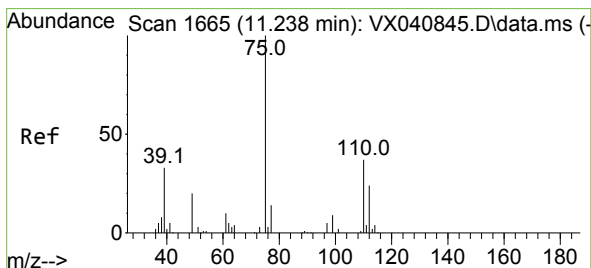
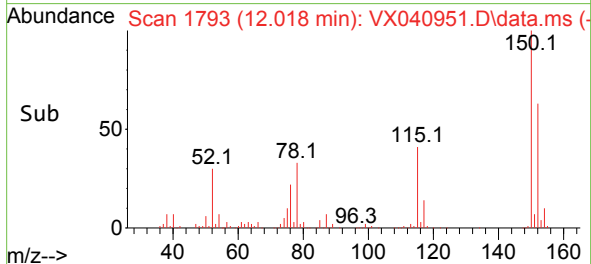
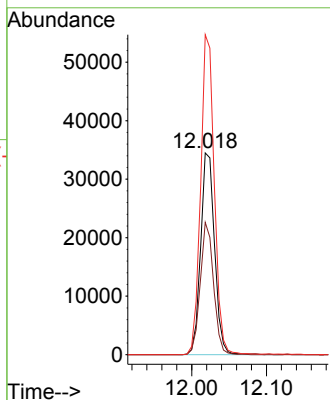
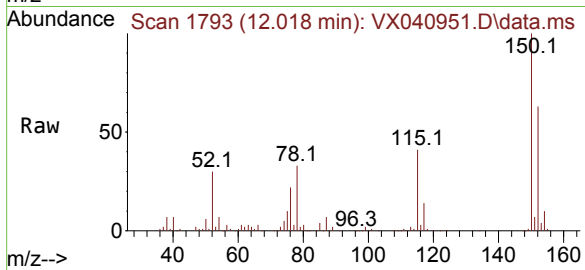




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

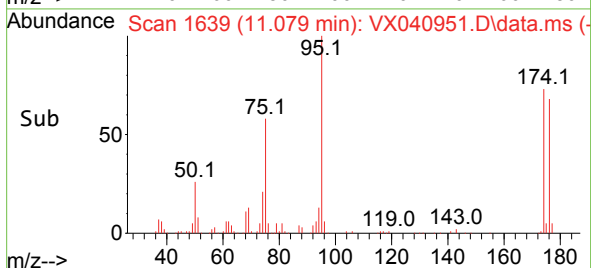
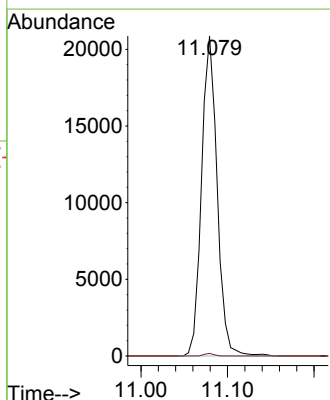
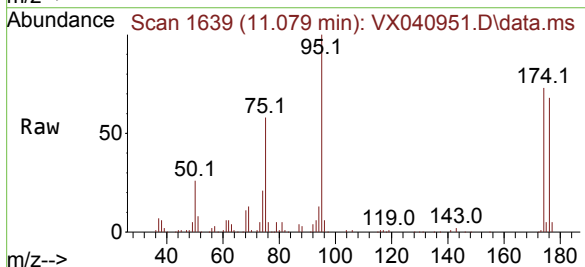
Instrument :
MSVOA_X
ClientSampleId :
RSB-01-37-040824

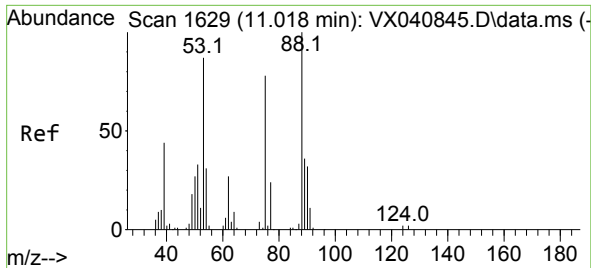
Tgt Ion:152 Resp: 44609
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 155.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040951.D
Acq: 09 Apr 2024 13:44

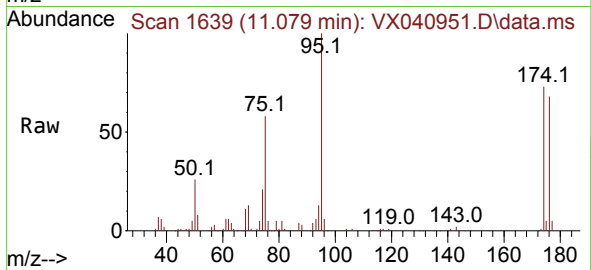
Tgt Ion: 75 Resp: 26047
Ion Ratio Lower Upper
75 100
77 0.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.877 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040951.D
 Acq: 09 Apr 2024 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-01-37-040824



Tgt Ion: 75 Resp: 26047
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

