

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040360.D
 Acq On : 20 Feb 2024 16:33
 Operator : JC/MD
 Sample : P1520-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20240215

Quant Time: Feb 21 01:15:49 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)

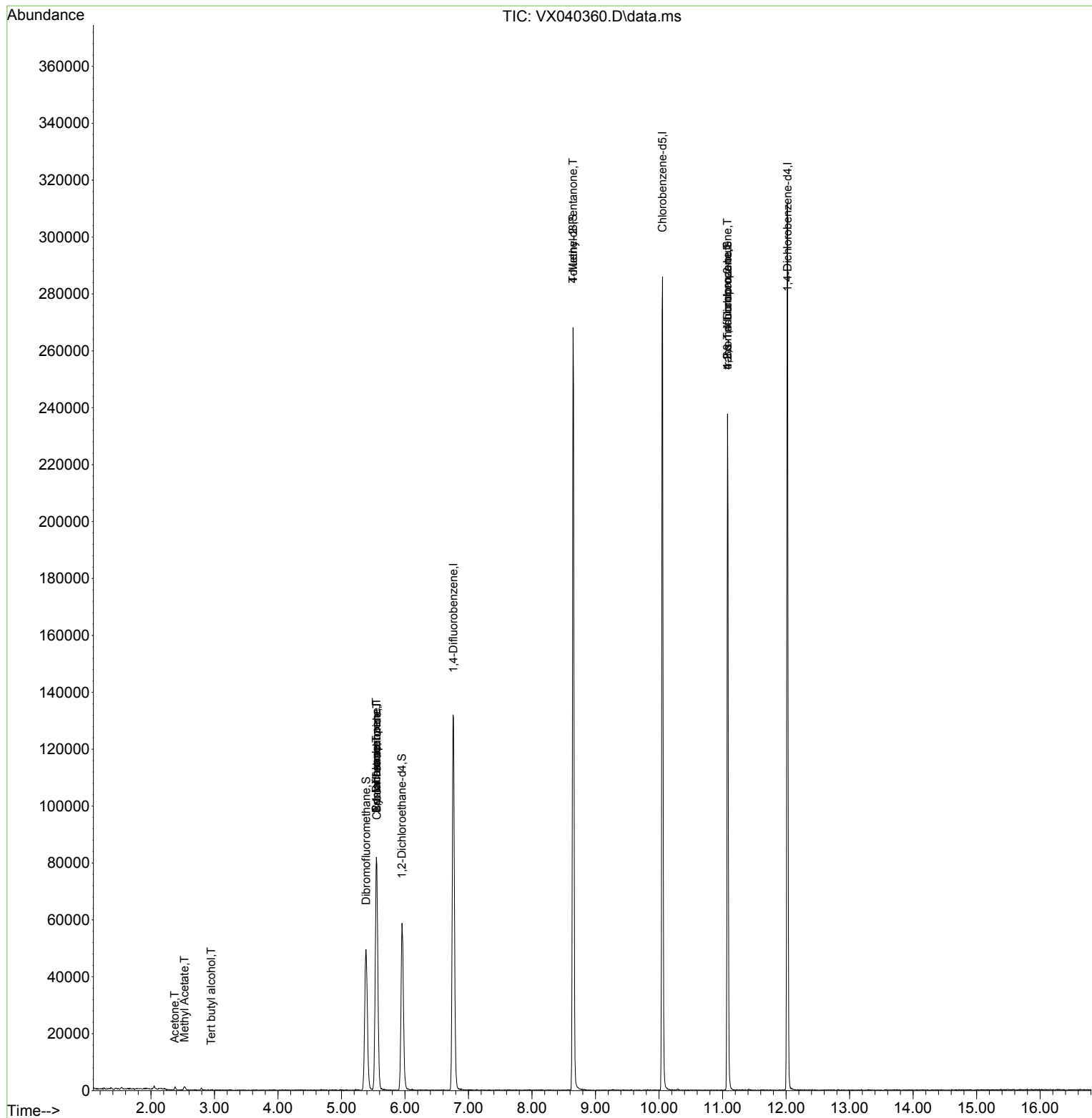
Internal Standards						
1) Pentafluorobenzene	5.550	168	72439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57101	52.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.980%			
35) Dibromofluoromethane	5.385	113	42649	47.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.980%			
50) Toluene-d8	8.647	98	157593	46.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	11.079	95	61465	44.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	52	0.248	ug/l #	78
16) Acetone	2.374	43	1159	2.619	ug/l #	85
18) Methyl Acetate	2.526	43	459	0.387	ug/l #	53
20) Methylene Chloride	2.788	84	272	Below Cal	#	78
31) Cyclohexane	5.550	56	2169	1.687	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	7242	5.757	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8043	6.724	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	814	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34267	26.965	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34267	73.896	ug/l #	5

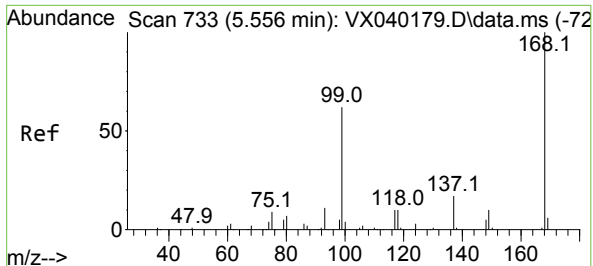
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

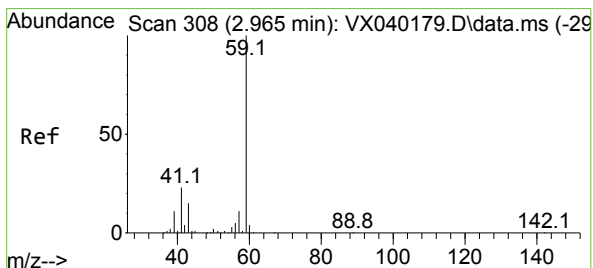
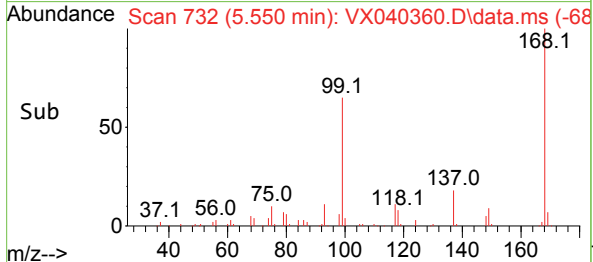
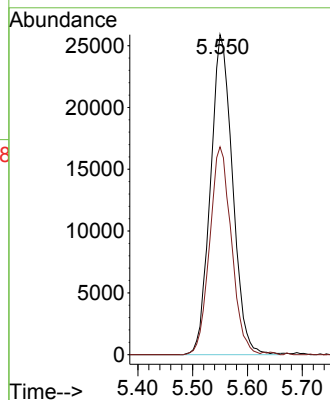
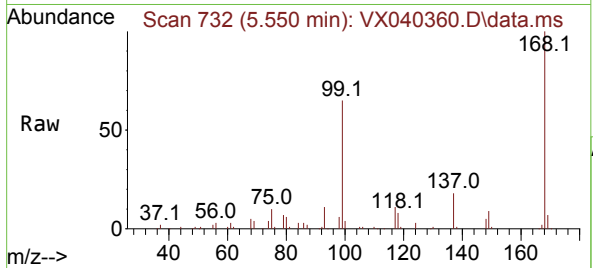




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

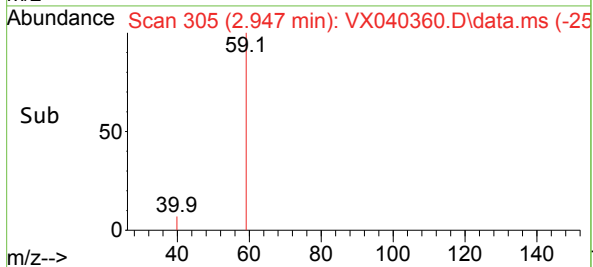
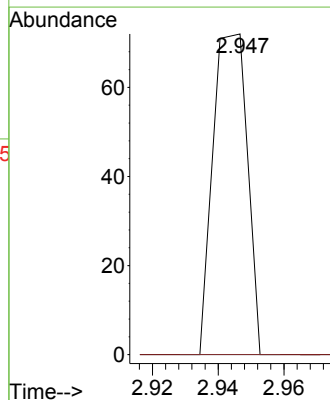
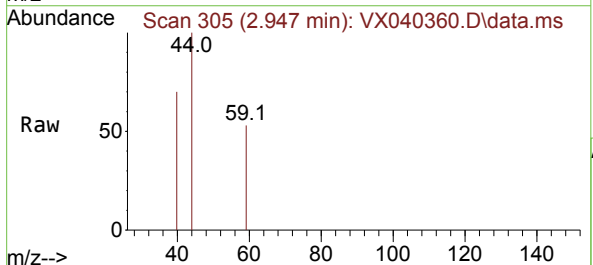
Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

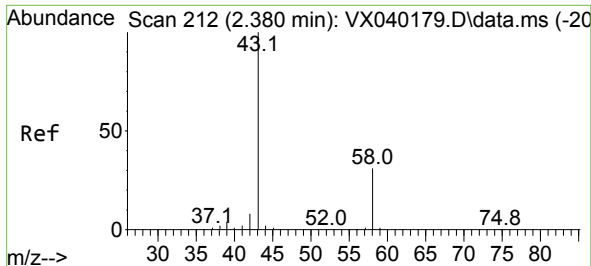
Tgt Ion:168 Resp: 72439
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

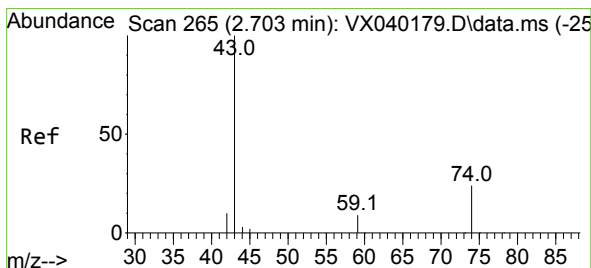
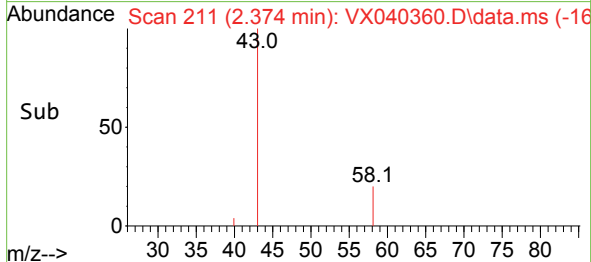
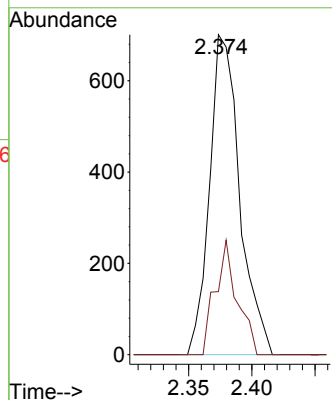
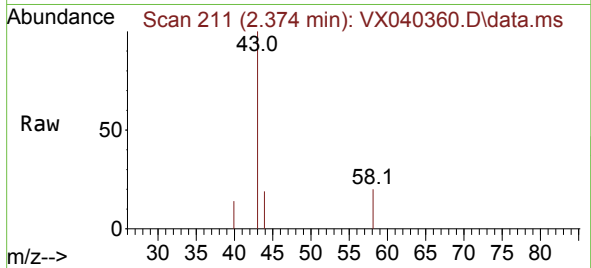




#16
Acetone
Concen: 2.619 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

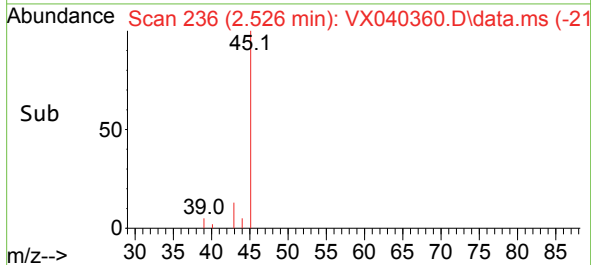
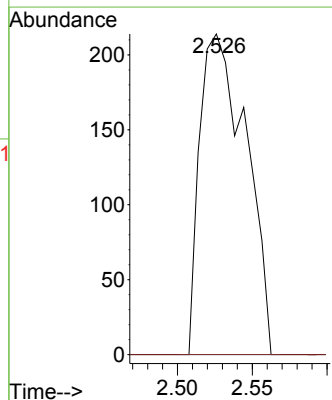
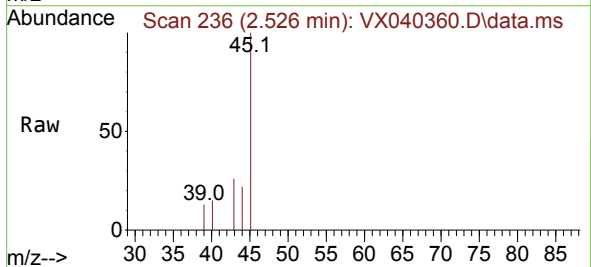
Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

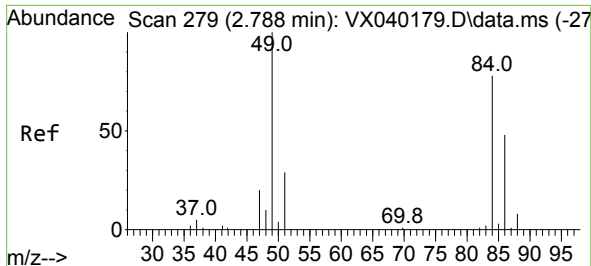
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 19.7 21.9 32.9#



#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.177 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

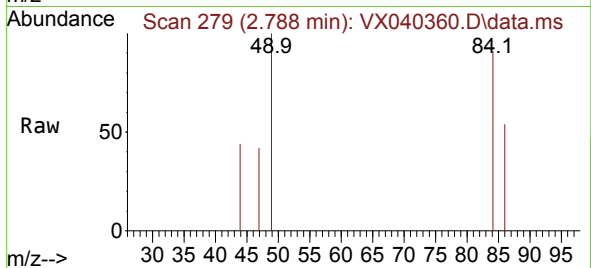
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



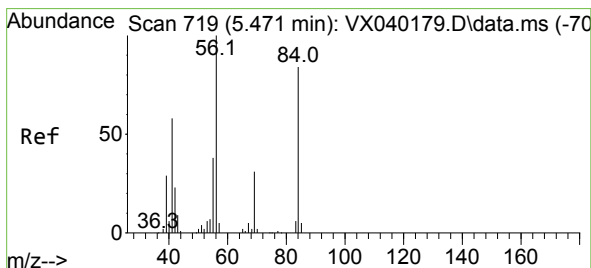
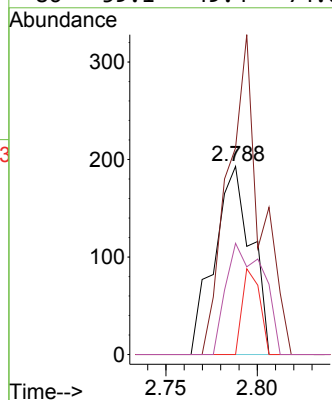


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

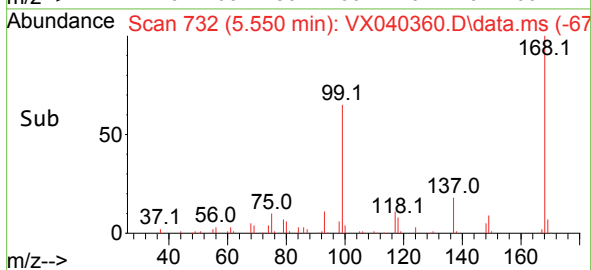
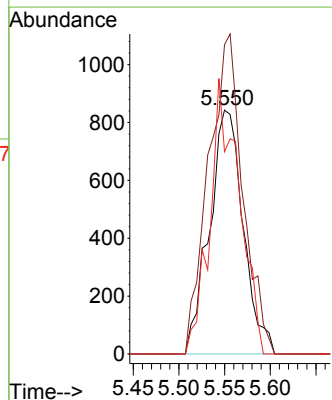
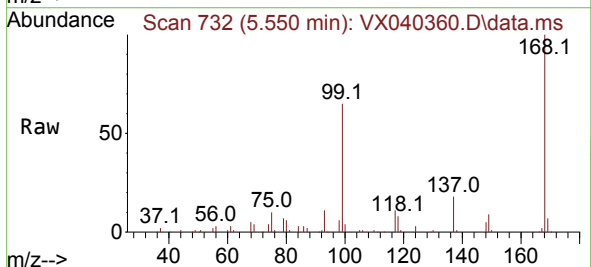


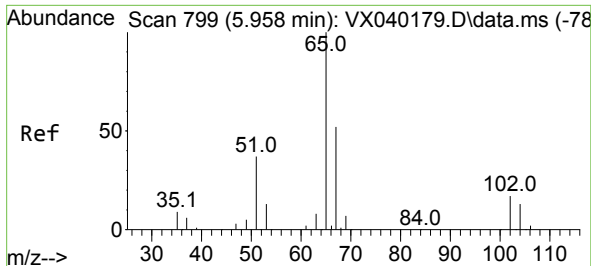
Tgt Ion: 84	Resp: 272
Ion Ratio	Lower Upper
84 100	
49 109.8	103.6 155.4
51 0.0	33.8 50.6#
86 59.1	49.4 74.0



#31
Cyclohexane
Concen: 1.687 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion: 56	Resp: 2169
Ion Ratio	Lower Upper
56 100	
69 126.8	23.4 35.2#
84 82.9	65.9 98.9

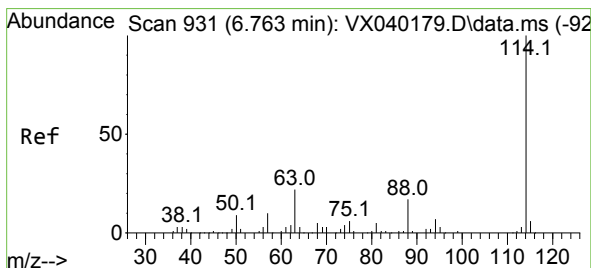
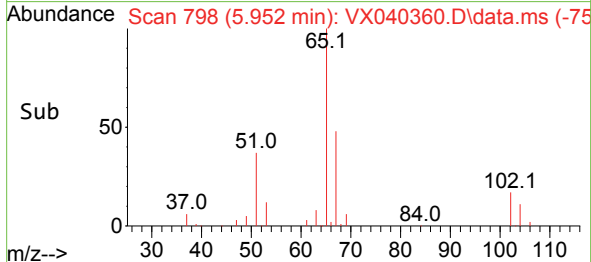
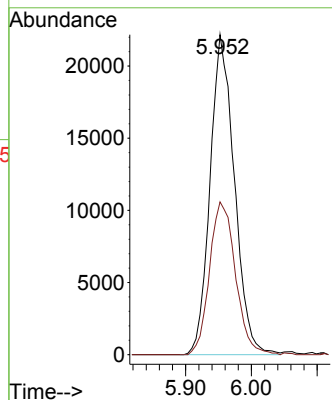
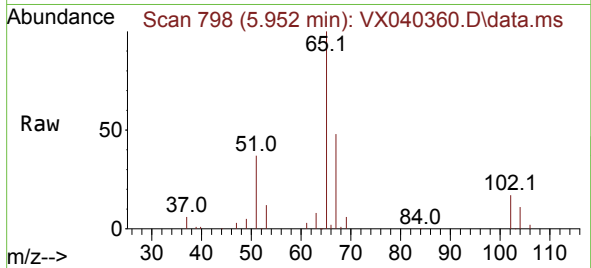




#33
1,2-Dichloroethane-d4
Concen: 52.985 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

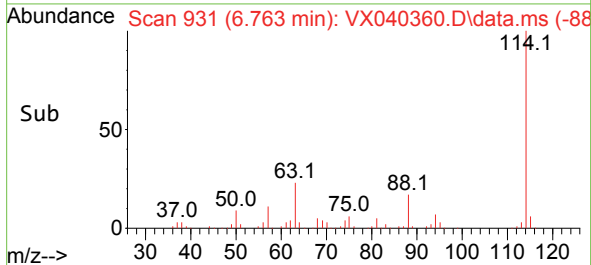
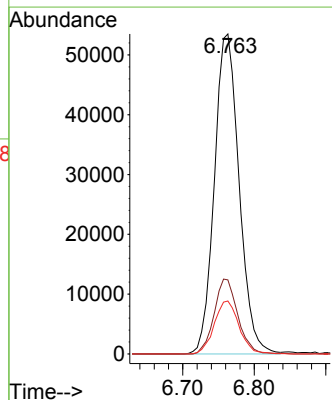
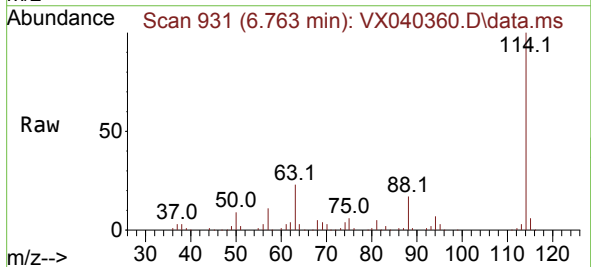
Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

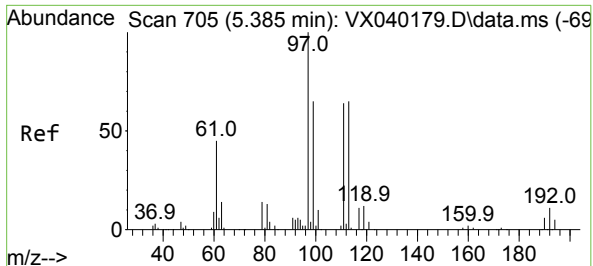
Tgt Ion: 65 Resp: 57101
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion:114 Resp: 128596
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.6 0.0 36.6

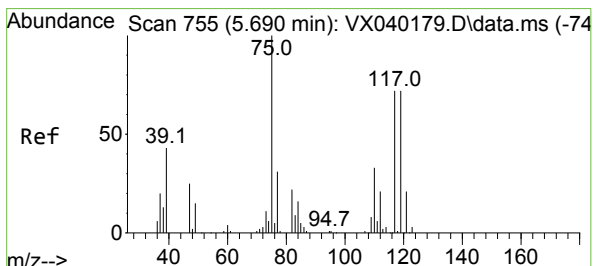
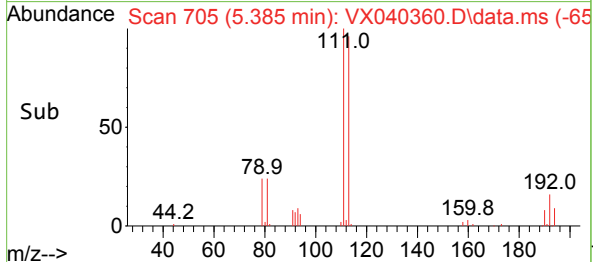
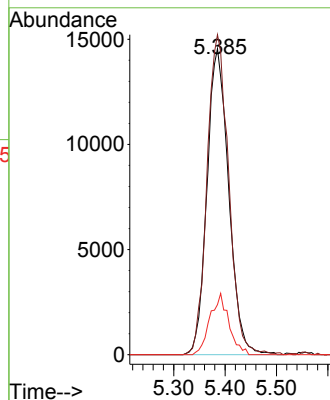
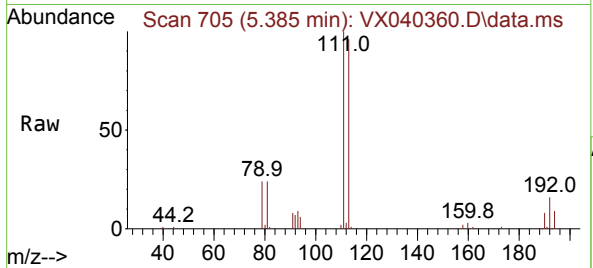




#35
Dibromofluoromethane
Concen: 47.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

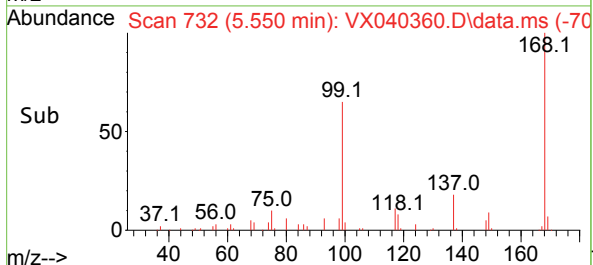
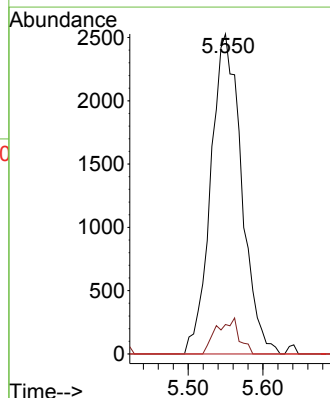
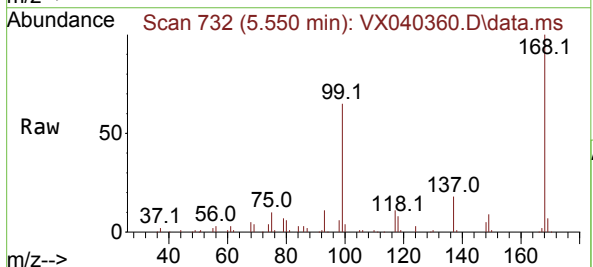
Instrument :
MSVOA_X
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TB02-20240215

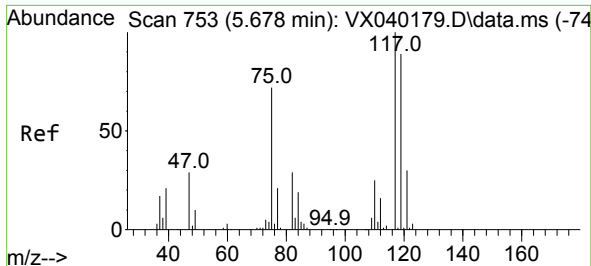
Tgt Ion:113 Resp: 42649
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.757 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

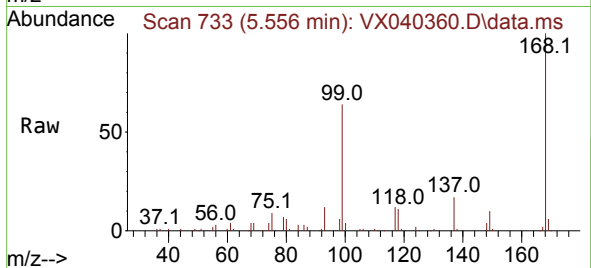
Tgt Ion: 75 Resp: 7242
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



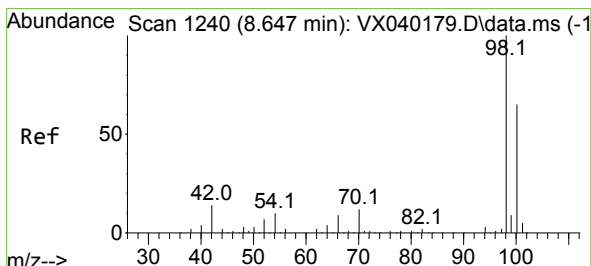
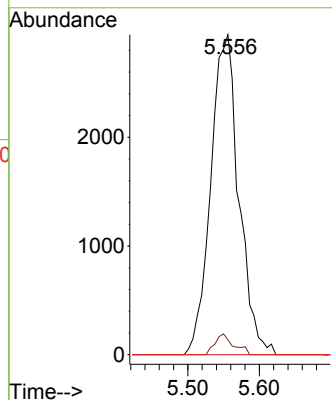
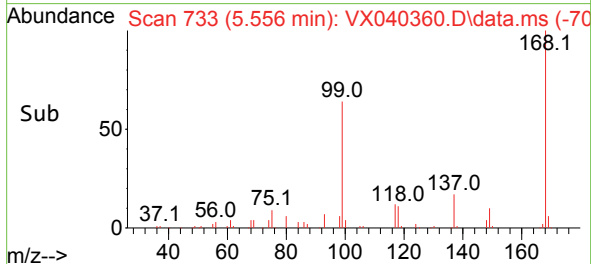


#38
Carbon Tetrachloride
Concen: 6.724 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

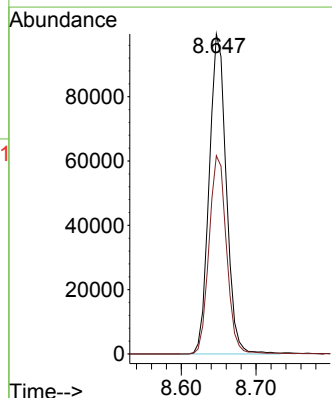
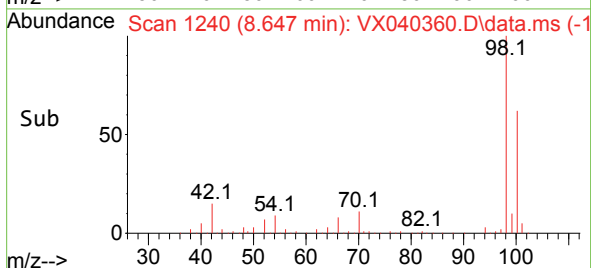
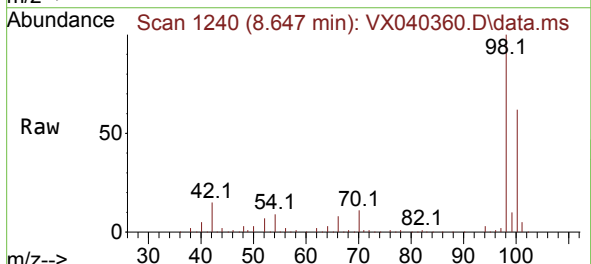


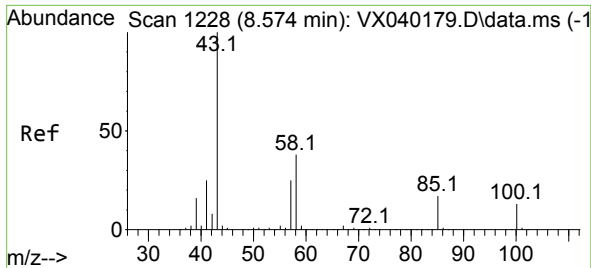
Tgt Ion:117 Resp: 8043
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.912 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion: 98 Resp: 157593
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

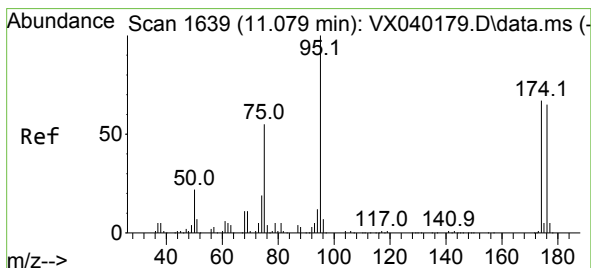
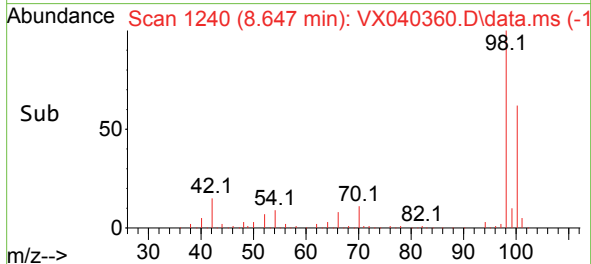
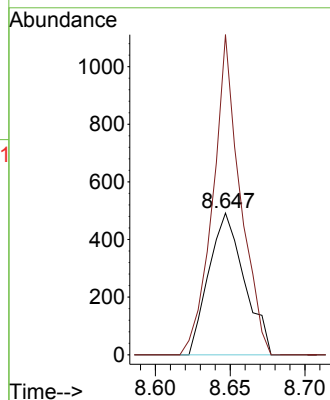
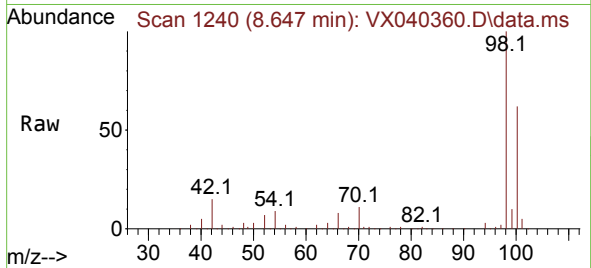




#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

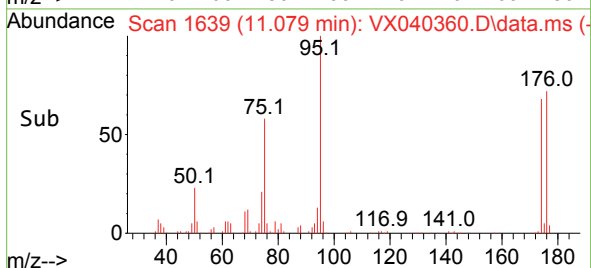
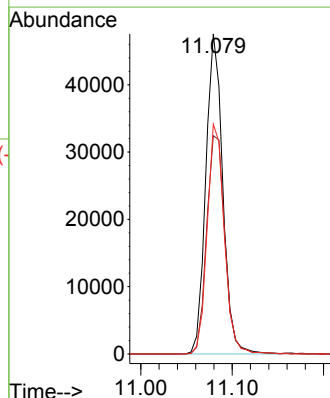
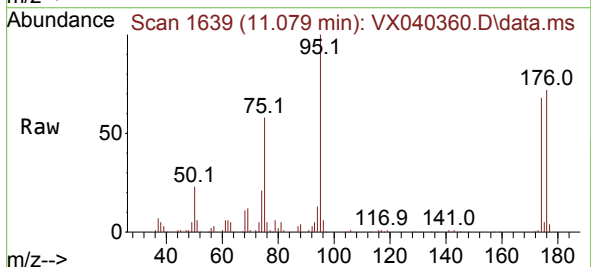
Instrument :
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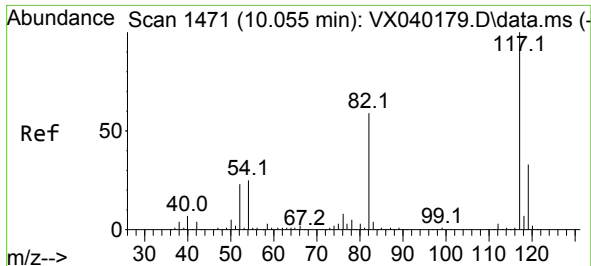
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 173.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion: 95 Resp: 61465
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 72.2 0.0 131.0

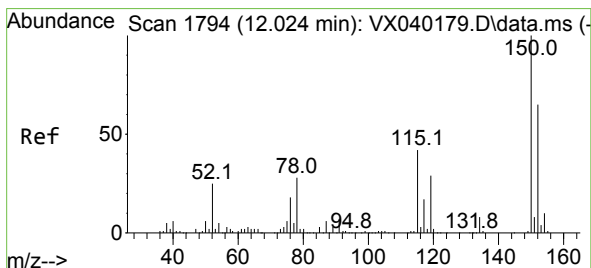
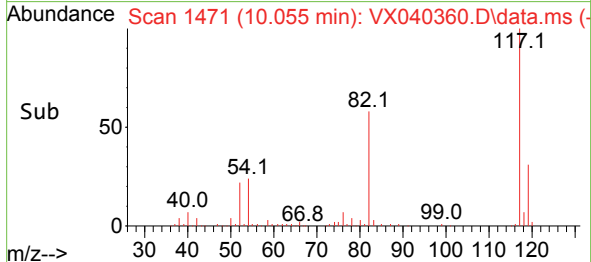
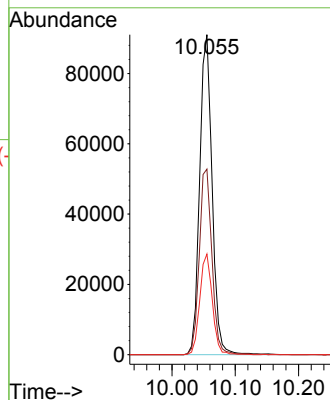
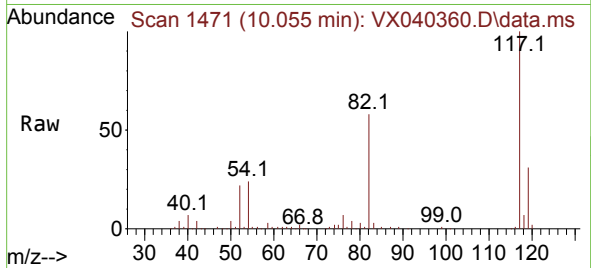




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

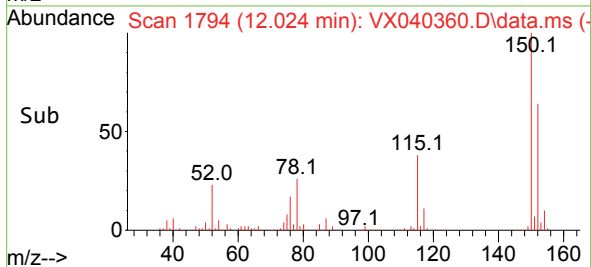
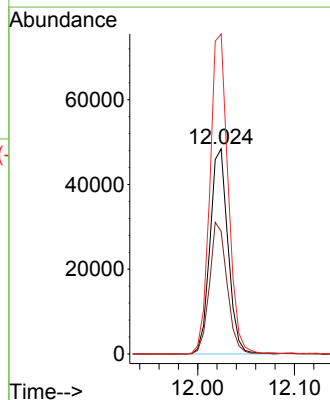
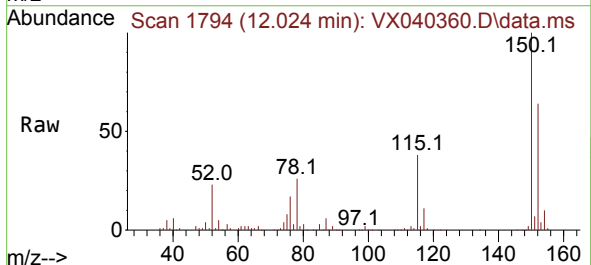
Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

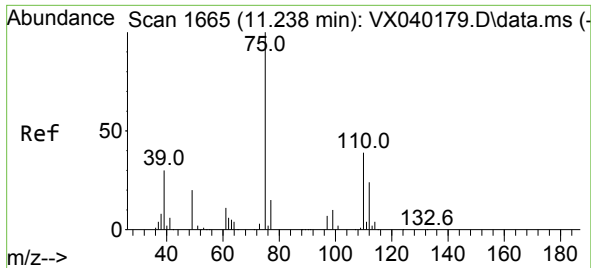
Tgt Ion:117 Resp: 124874
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion:152 Resp: 62753
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 157.9 0.0 345.0

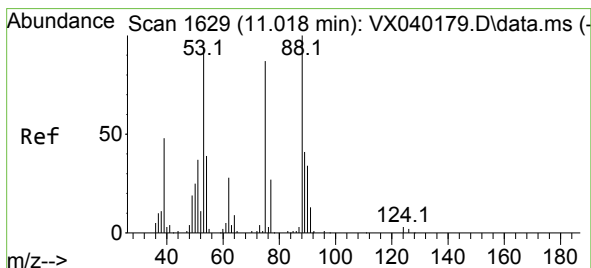
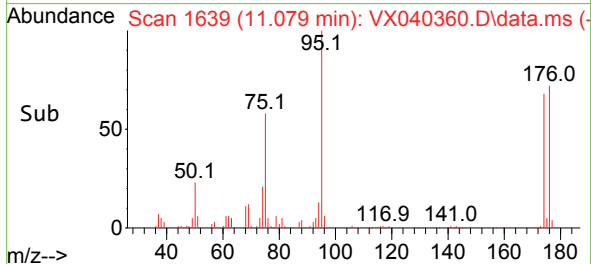
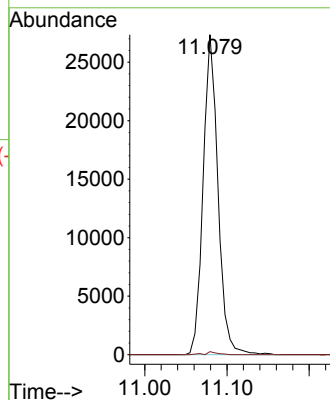
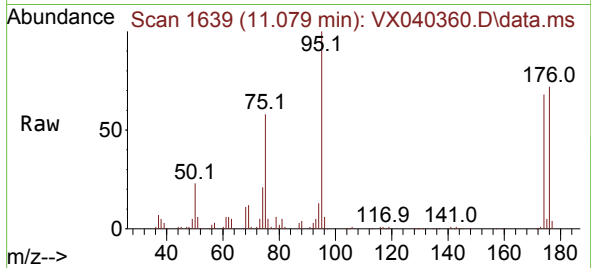




#76
1,2,3-Trichloropropane
Concen: 26.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
TB02-20240215

Tgt Ion: 75 Resp: 34267
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040360.D
Acq: 20 Feb 2024 16:33

Tgt Ion: 75 Resp: 34267
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

