

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039797.D
 Acq On : 17 Jan 2024 13:15
 Operator : JC/MD
 Sample : P1156-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

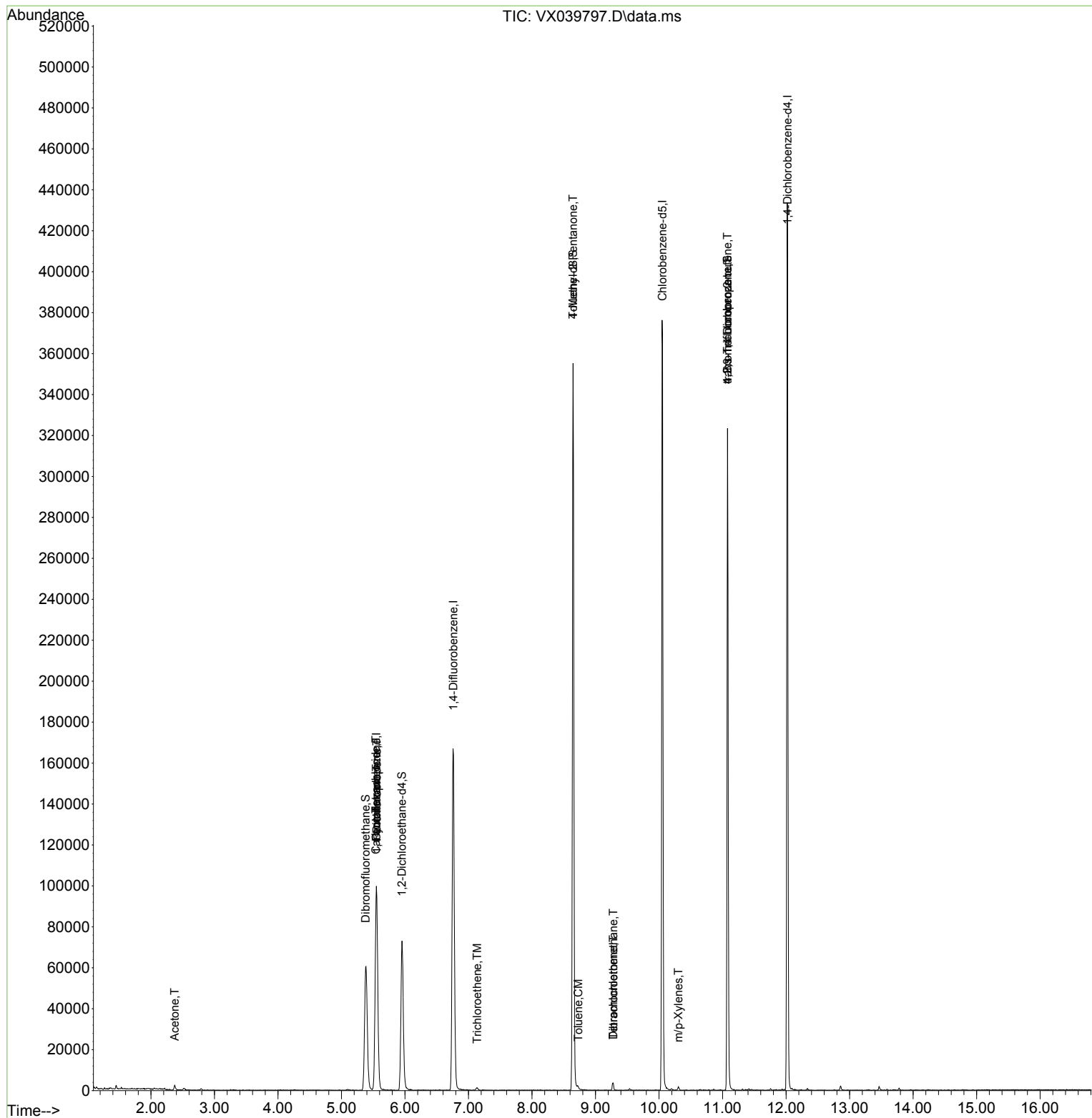
Internal Standards						
1) Pentafluorobenzene	5.550	168	88345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69083	46.681	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.360%		
35) Dibromofluoromethane	5.379	113	53566	48.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.300%		
50) Toluene-d8	8.647	98	207362	49.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	83934	51.154	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.300%		
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	2165	2.601	ug/l #	88
31) Cyclohexane	5.550	56	2546	1.304	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8042	4.644	ug/l #	51
38) Carbon Tetrachloride	5.544	117	9731	6.135	ug/l #	16
44) Trichloroethene	7.135	130	591	0.492	ug/l	38
51) 4-Methyl-2-Pentanone	8.647	43	1078	0.462	ug/l #	1
52) Toluene	8.726	92	624	0.213	ug/l	94
60) Dibromochloromethane	9.281	129	642	0.546	ug/l #	11
64) Tetrachloroethene	9.281	164	631	0.585	ug/l	92
68) m/p-Xylenes	10.305	106	554	0.235	ug/l	79
76) 1,2,3-Trichloropropane	11.079	75	45988	21.310	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45988	62.060	ug/l #	5

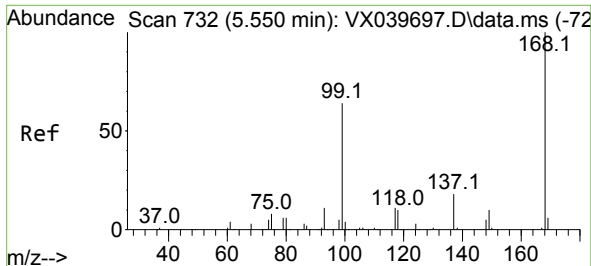
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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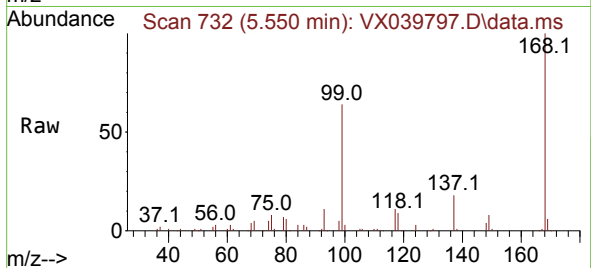
Quant Time: Jan 18 02:41:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



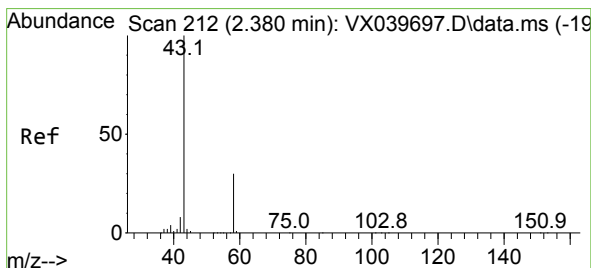
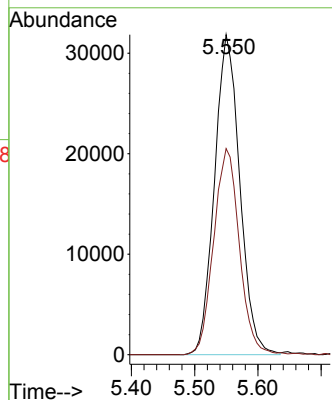
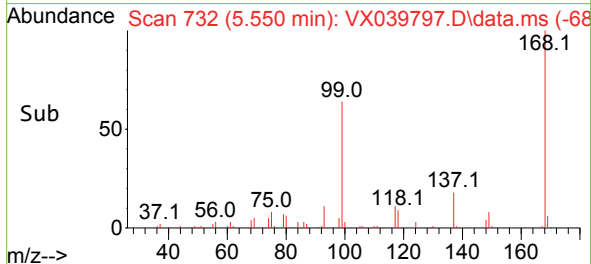


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

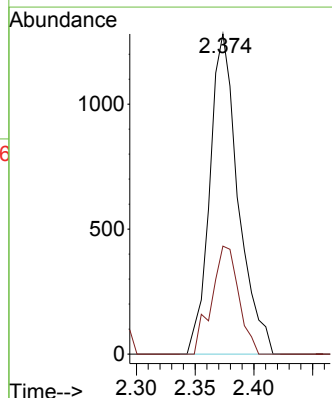
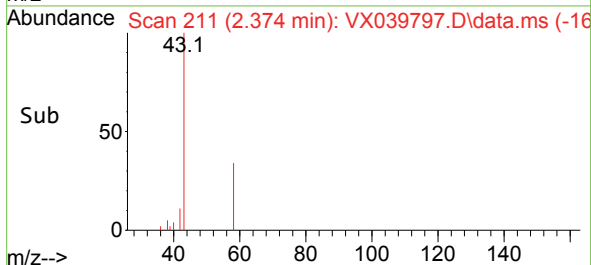
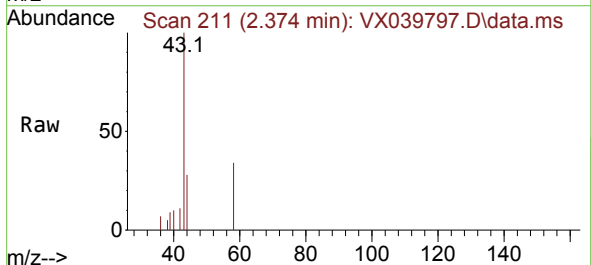


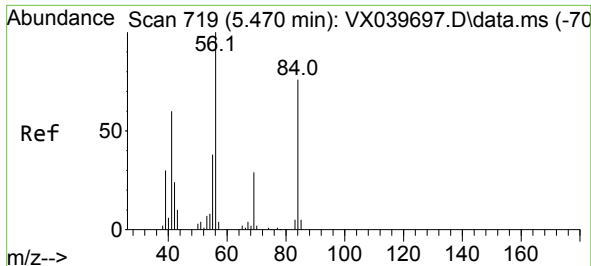
Tgt Ion:168 Resp: 88345
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#16
Acetone
Concen: 2.601 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

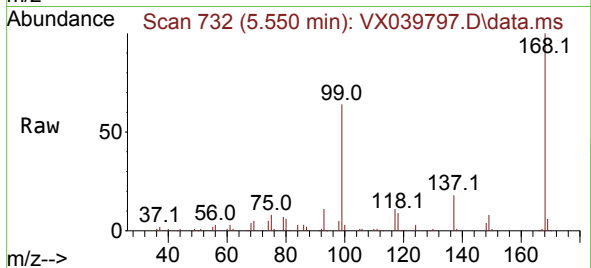
Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#



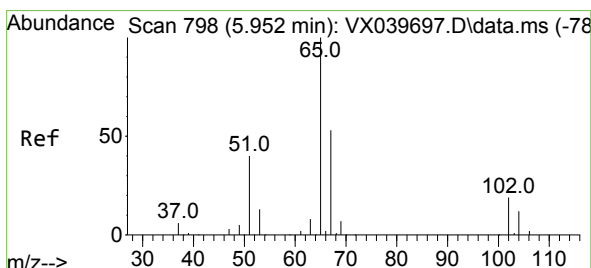
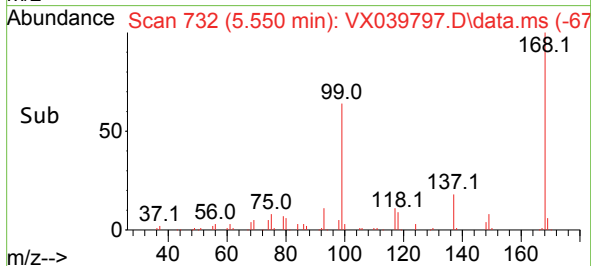
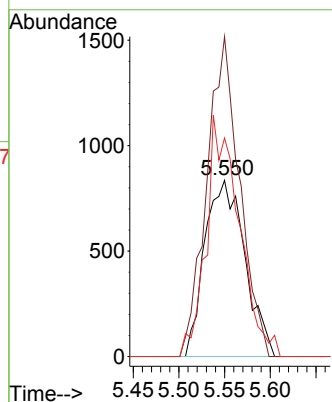


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

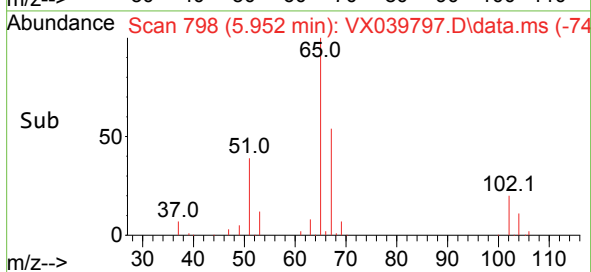
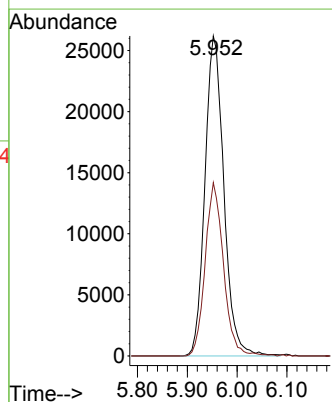
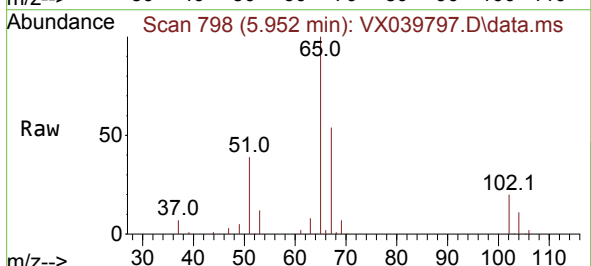


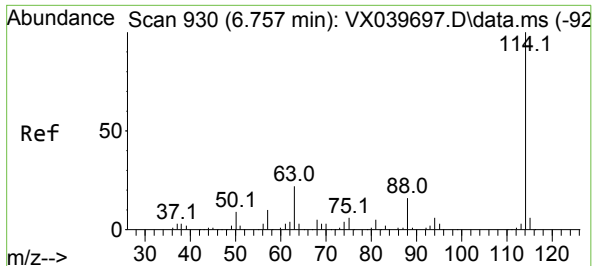
Tgt Ion: 56 Resp: 2546
Ion Ratio Lower Upper
56 100
69 181.5 23.4 35.2#
84 124.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.681 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion: 65 Resp: 69083
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

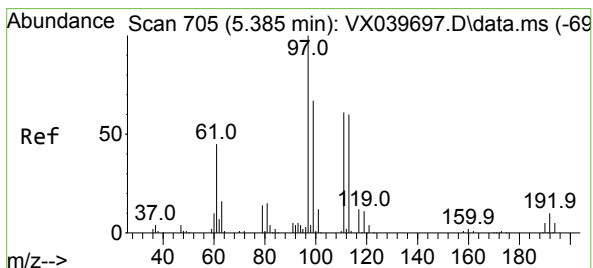
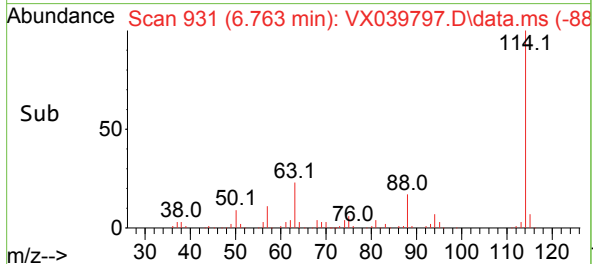
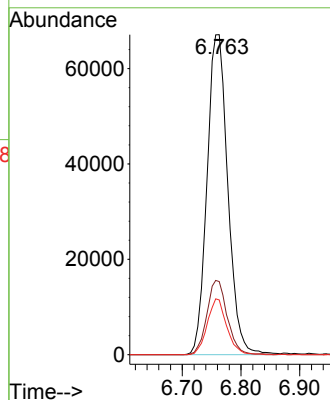
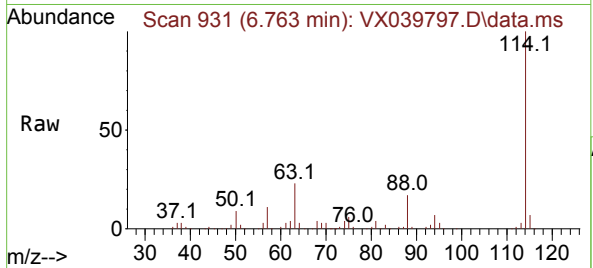




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

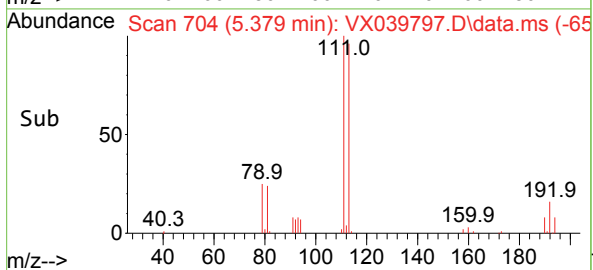
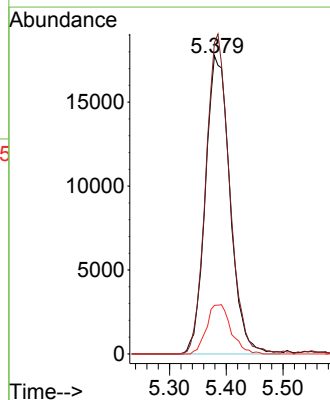
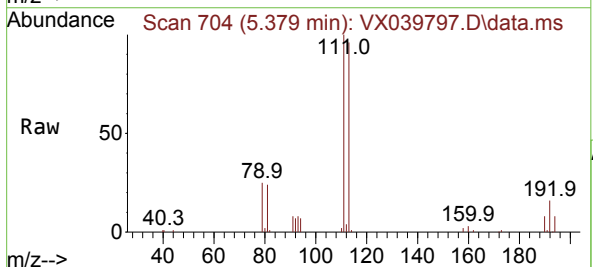
Instrument :
MSVOA_X
ClientSampleId :

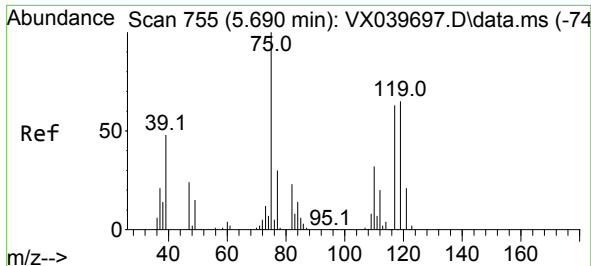
Tgt Ion:114 Resp: 165173
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.149 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion:113 Resp: 53566
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9

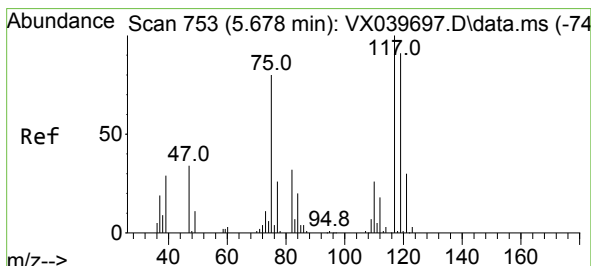
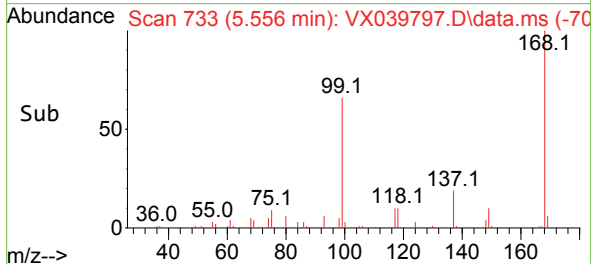
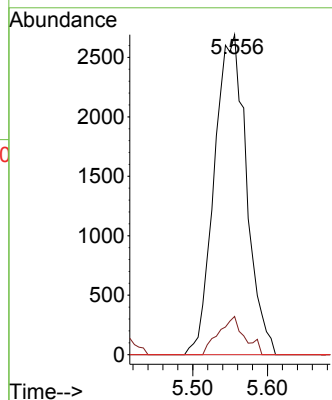
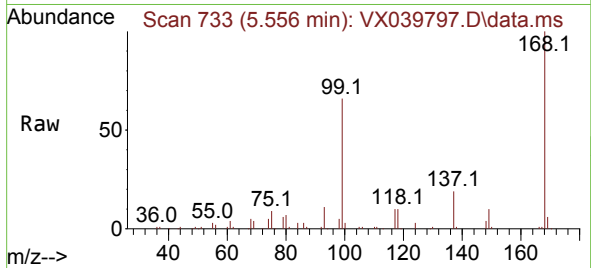




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

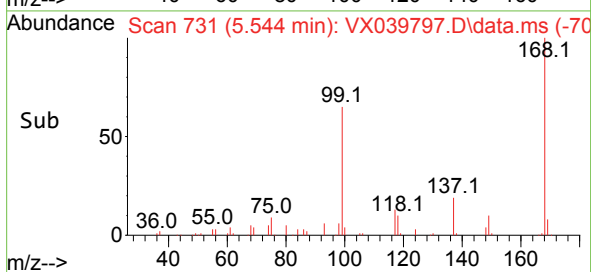
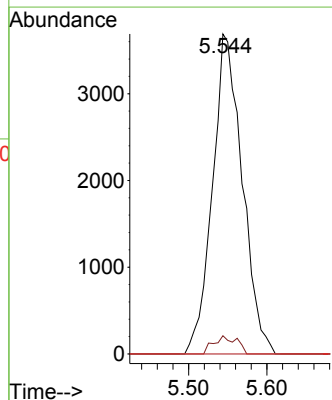
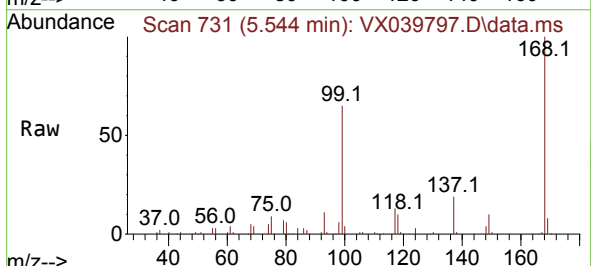
Instrument :
MSVOA_X
ClientSampleId :

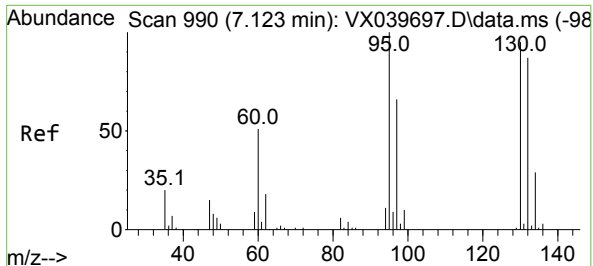
Tgt Ion: 75 Resp: 8042
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion: 117 Resp: 9731
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

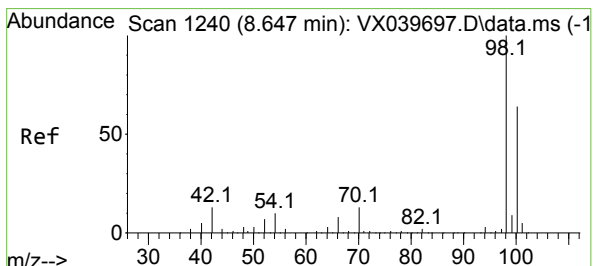
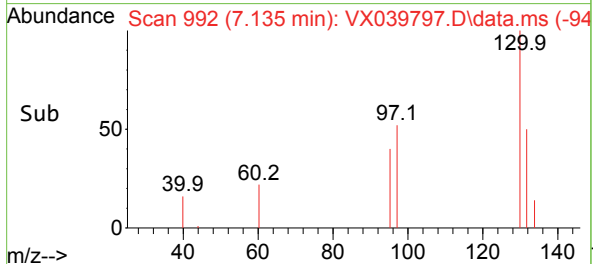
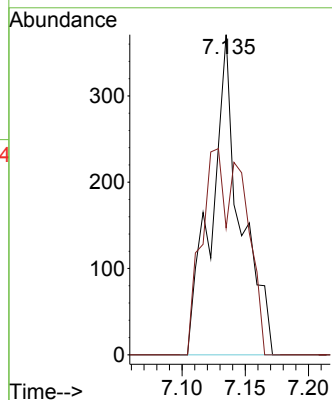
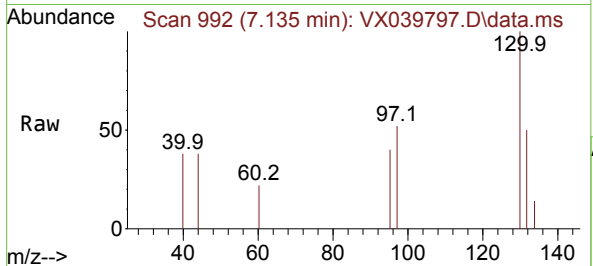




#44
Trichloroethene
Concen: 0.492 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

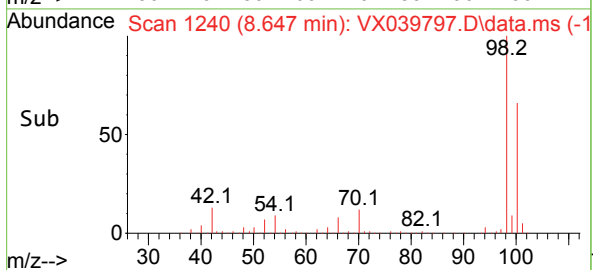
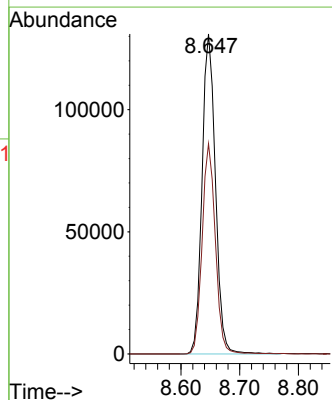
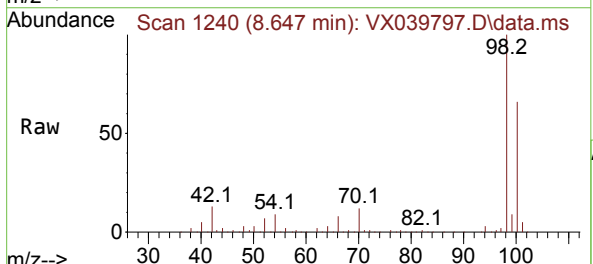
Instrument :
MSVOA_X
ClientSampleId :

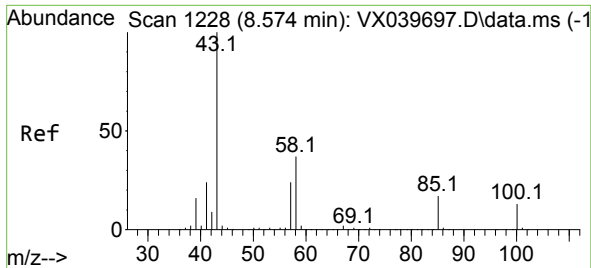
Tgt Ion:130 Resp: 591
Ion Ratio Lower Upper
130 100
95 39.6 0.0 204.4



#50
Toluene-d8
Concen: 49.420 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion: 98 Resp: 207362
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

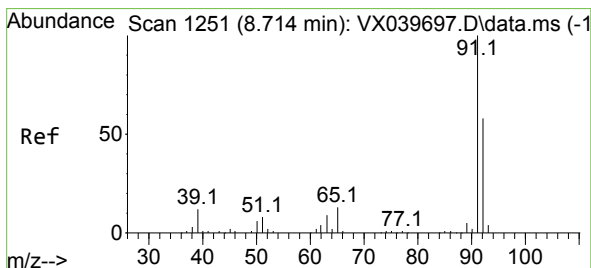
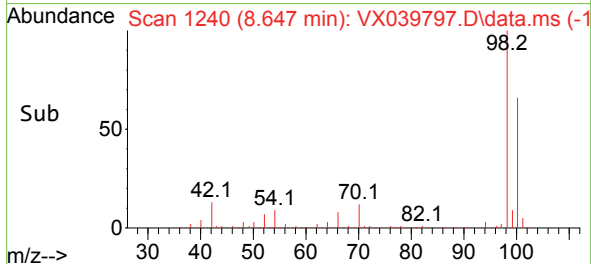
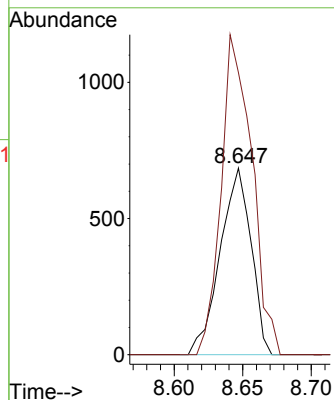
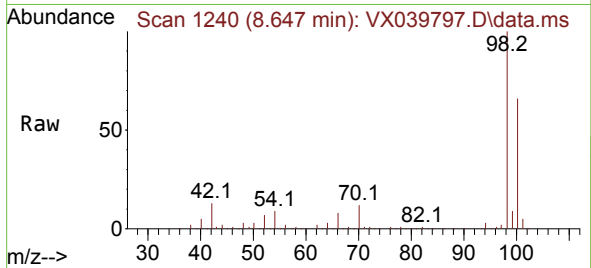




#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

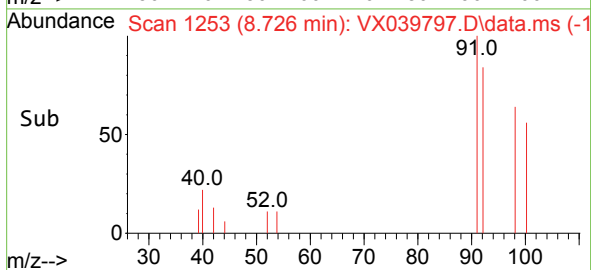
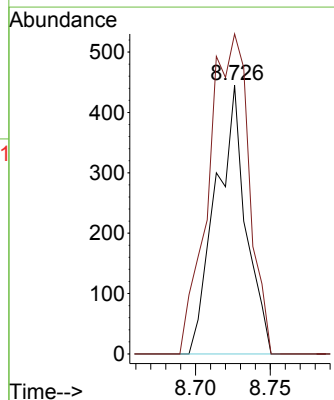
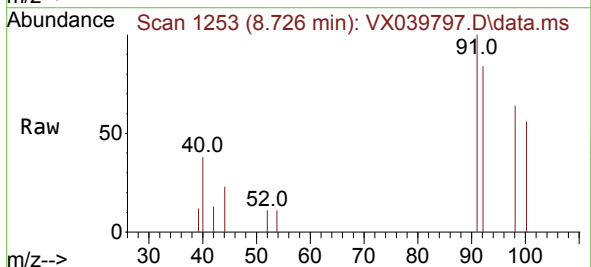
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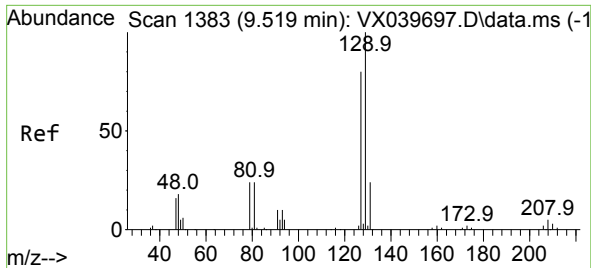
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 170.3 30.4 45.6#



#52
Toluene
Concen: 0.213 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion: 92 Resp: 624
Ion Ratio Lower Upper
92 100
91 160.1 134.2 201.2

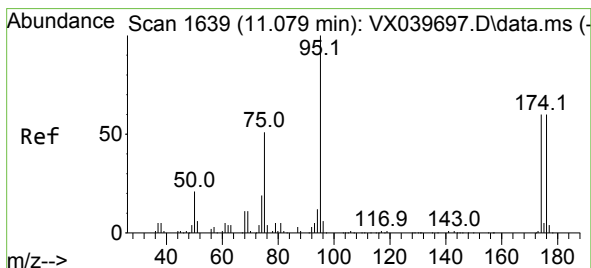
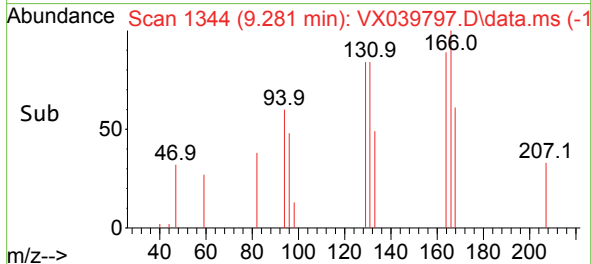
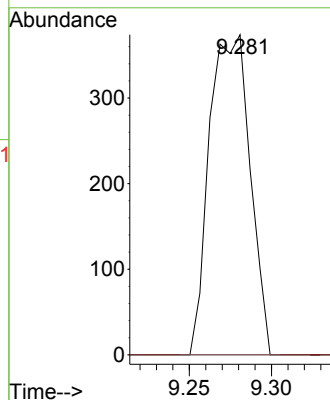
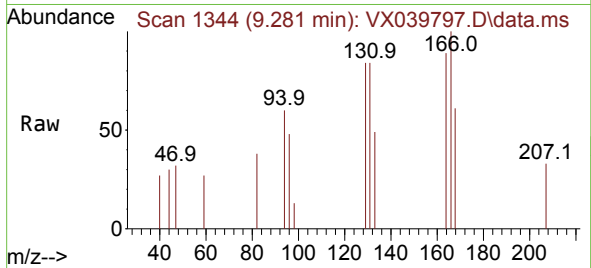




#60
Dibromochloromethane
Concen: 0.546 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

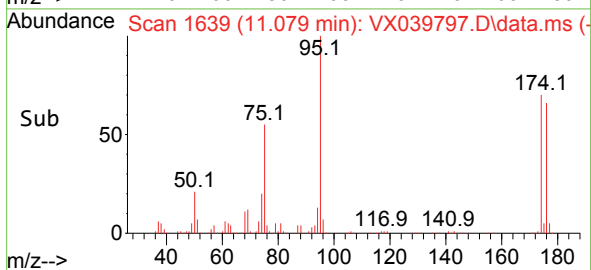
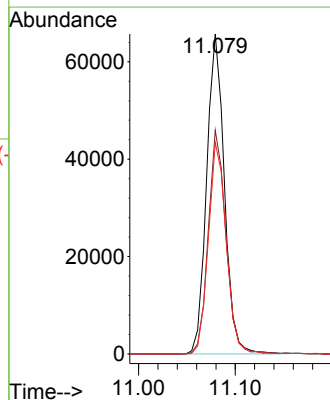
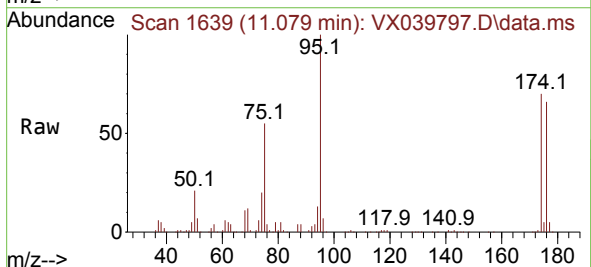
Instrument :
MSVOA_X
ClientSampleId :

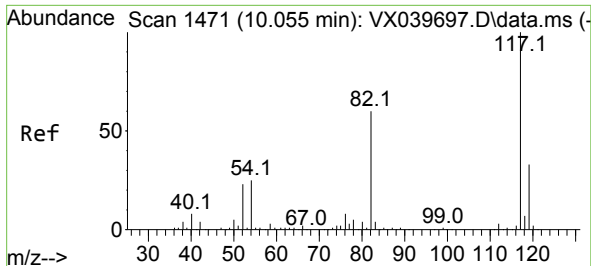
Tgt Ion:129 Resp: 642
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

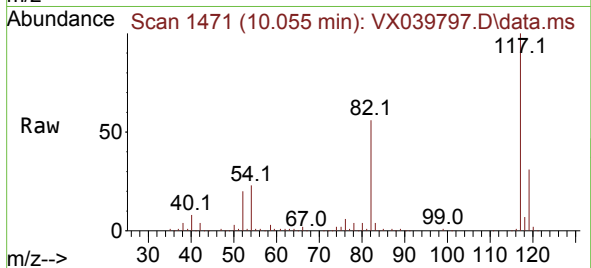
Tgt Ion: 95 Resp: 83934
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 66.7 0.0 131.0



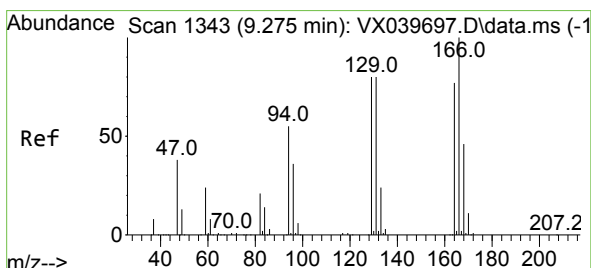
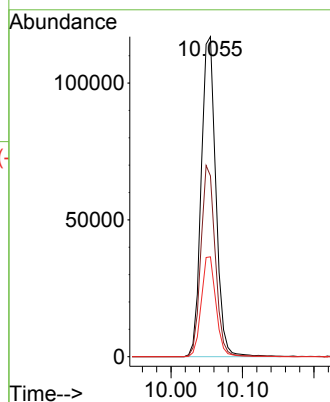
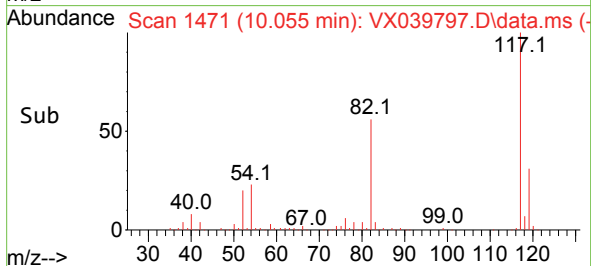


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

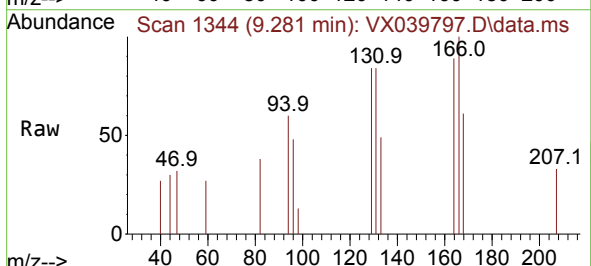
Instrument :
MSVOA_X
ClientSampleId :



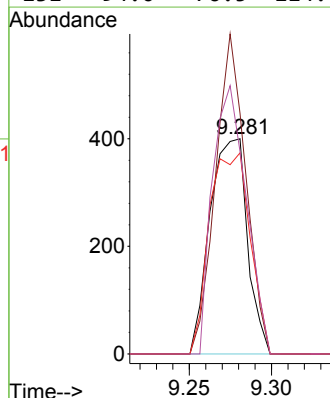
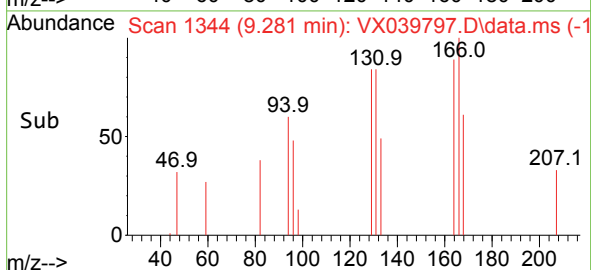
Tgt Ion:117 Resp: 165979
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.2 25.5 38.3

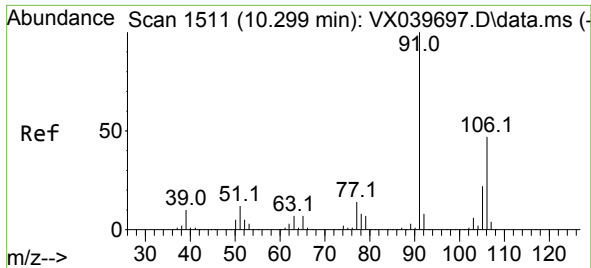


#64
Tetrachloroethene
Concen: 0.585 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15



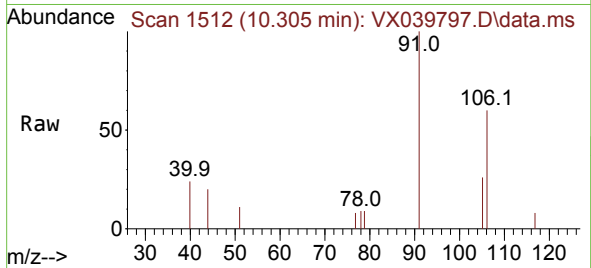
Tgt Ion:164 Resp: 631
Ion Ratio Lower Upper
164 100
166 111.8 102.7 154.1
129 93.5 80.4 120.6
131 94.0 76.5 114.7



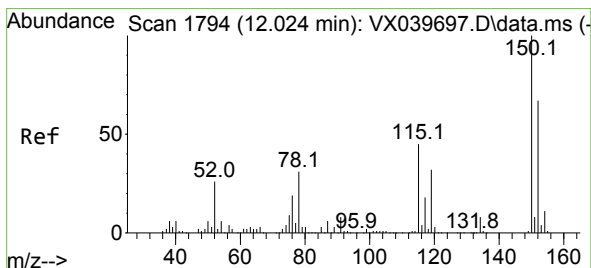
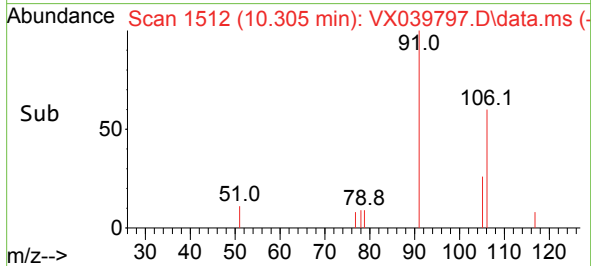
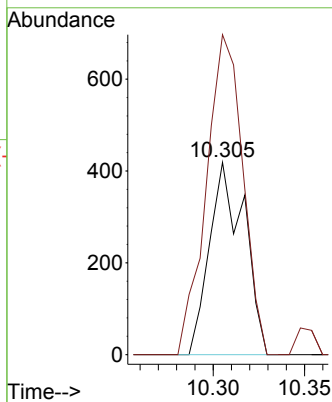


#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

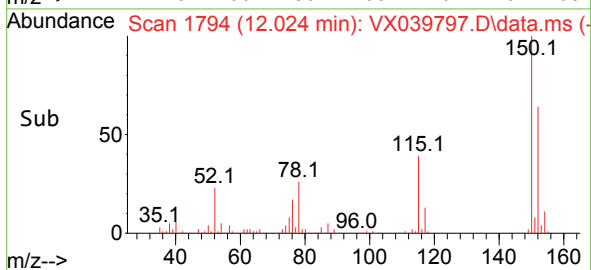
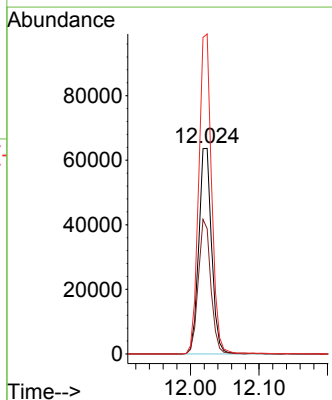
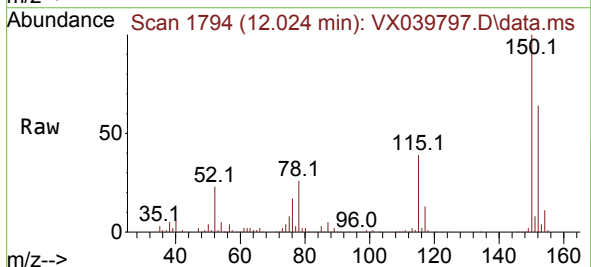


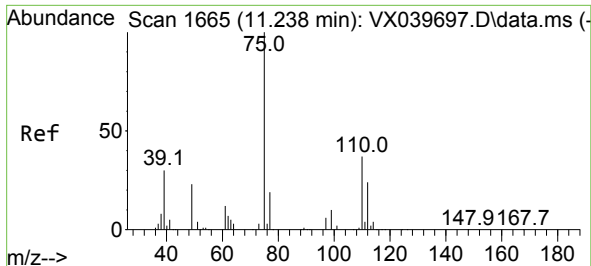
Tgt Ion:106 Resp: 554
Ion Ratio Lower Upper
106 100
91 175.1 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion:152 Resp: 83239
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 156.3 0.0 345.0

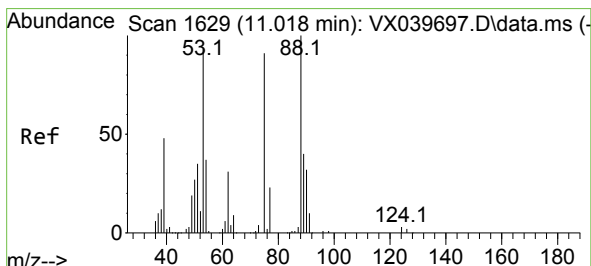
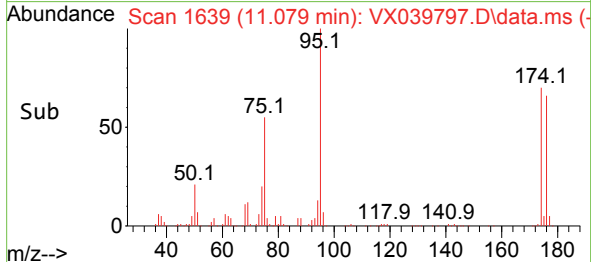
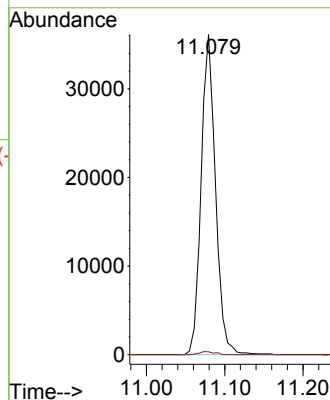
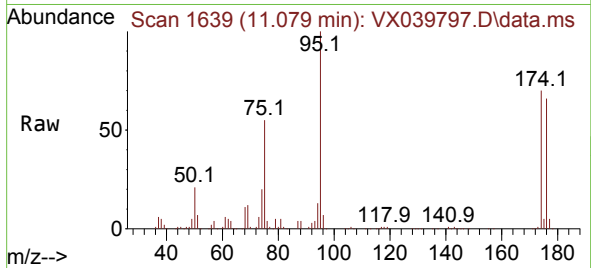




#76
1,2,3-Trichloropropane
Concen: 21.310 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45988
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039797.D
Acq: 17 Jan 2024 13:15

Tgt Ion: 75 Resp: 45988
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

