

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039162.D
 Acq On : 12 Dec 2023 13:53
 Operator : JC/MD
 Sample : 05691-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A3909DL

Quant Time: Dec 13 04:15:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

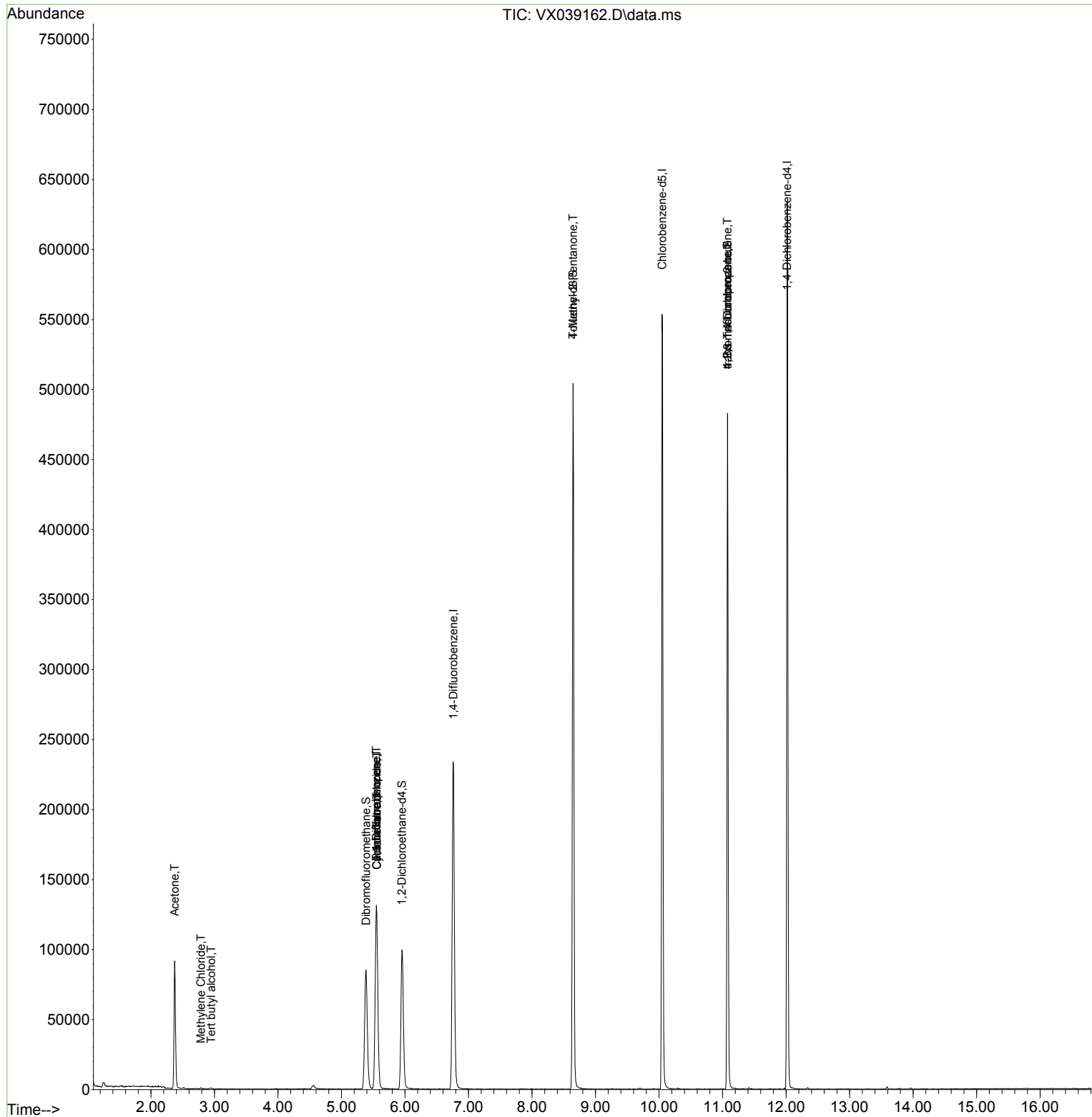
Internal Standards						
1) Pentafluorobenzene	5.550	168	112011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	239581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97376	53.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.900%	
35) Dibromofluoromethane	5.385	113	75203	44.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.740%	
50) Toluene-d8	8.647	98	291314	45.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.840%#	
62) 4-Bromofluorobenzene	11.079	95	133333	51.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	477	0.950	ug/l #	78
16) Acetone	2.374	43	94659	98.520	ug/l	94
20) Methylene Chloride	2.788	84	424	0.245	ug/l #	62
31) Cyclohexane	5.556	56	3163	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11085	4.614	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13092	5.896	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1489	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	72793	24.342	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72793	53.992	ug/l #	5

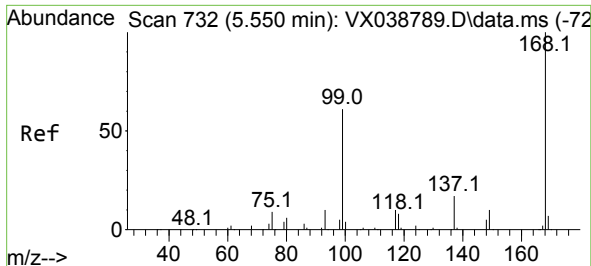
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
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MSVOA_X
ClientSampleId :
A3909DL

Quant Time: Dec 13 04:15:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

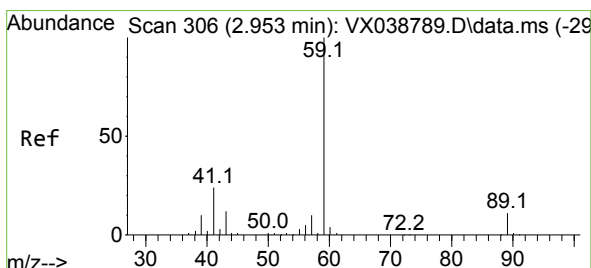
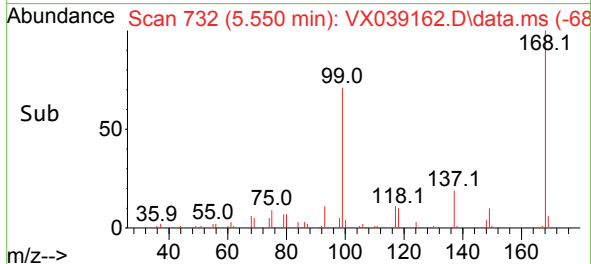
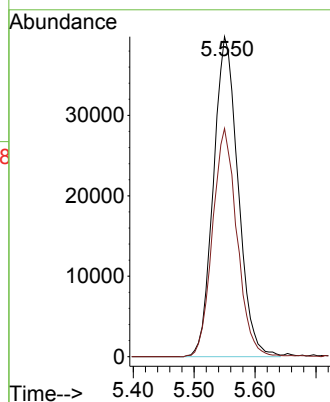
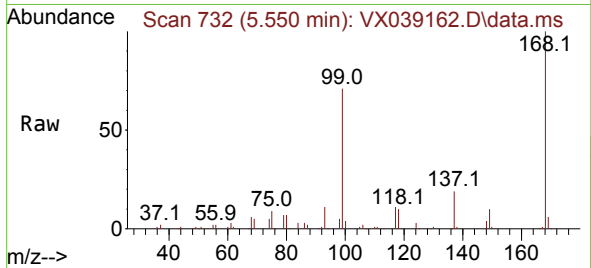




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

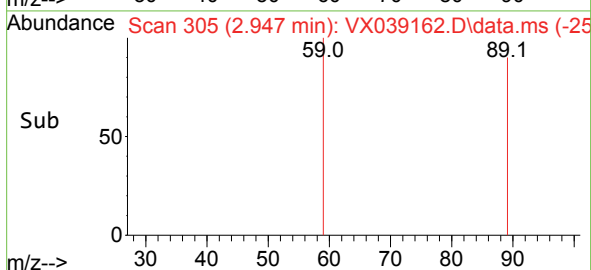
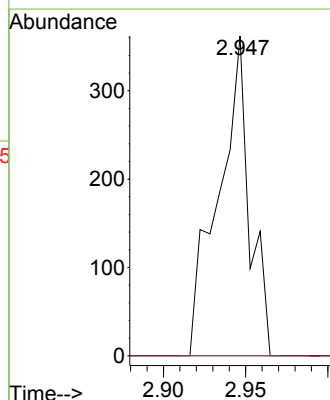
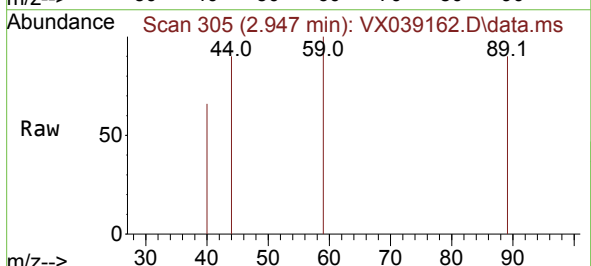
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

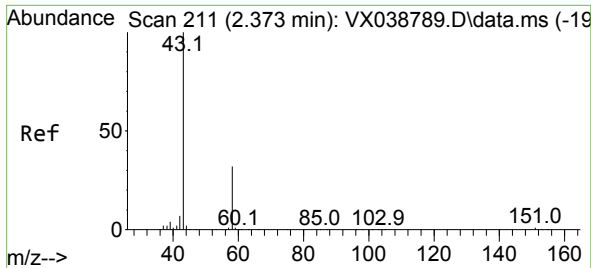
Tgt Ion:168 Resp: 112011
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.950 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

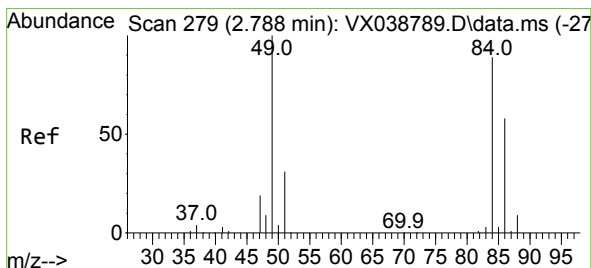
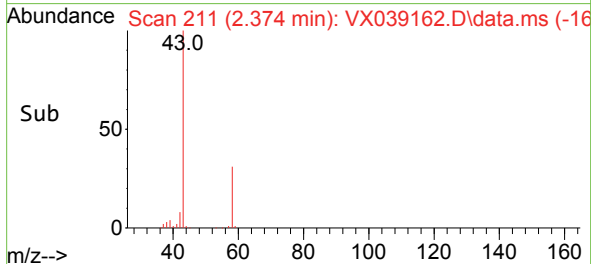
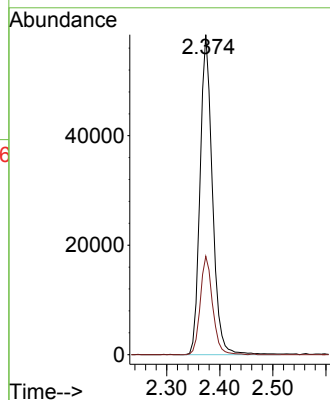
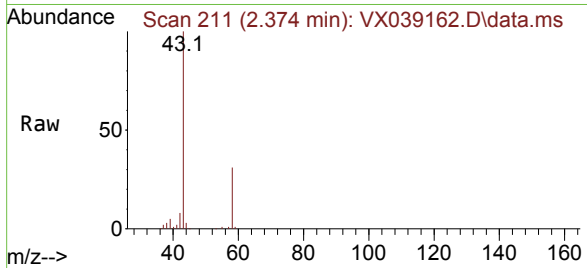




#16
Acetone
Concen: 98.520 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

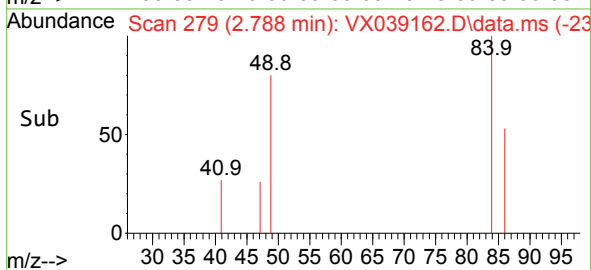
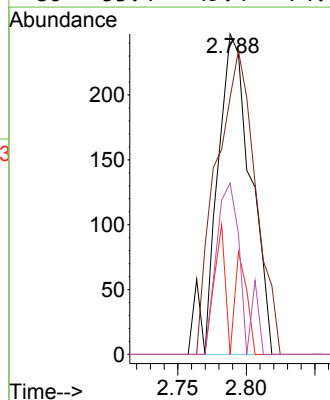
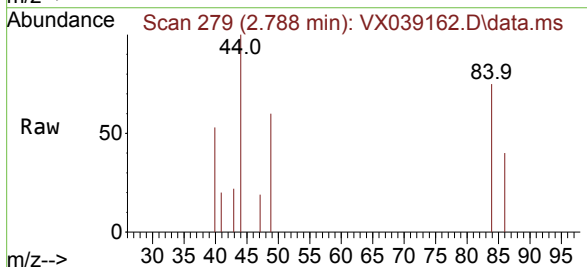
Instrument :
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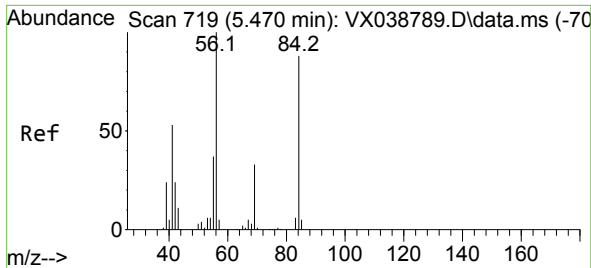
Tgt Ion: 43 Resp: 94659
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 84 Resp: 424
Ion Ratio Lower Upper
84 100
49 80.2 103.6 155.4#
51 0.0 33.8 50.6#
86 53.4 49.4 74.0

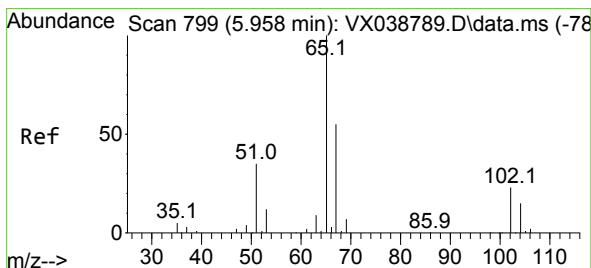
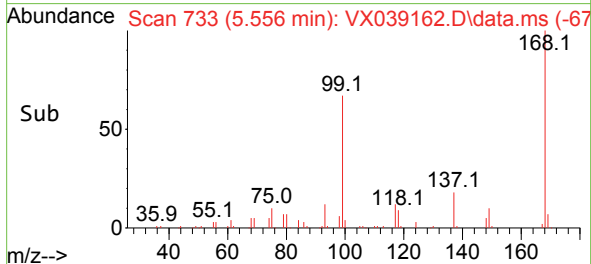
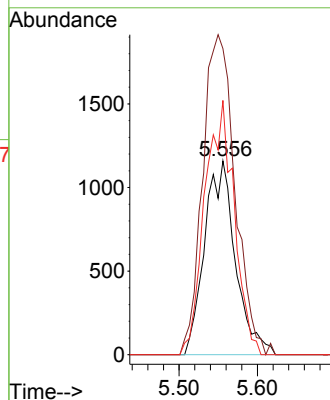
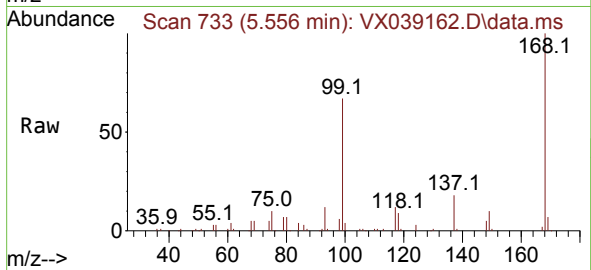




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

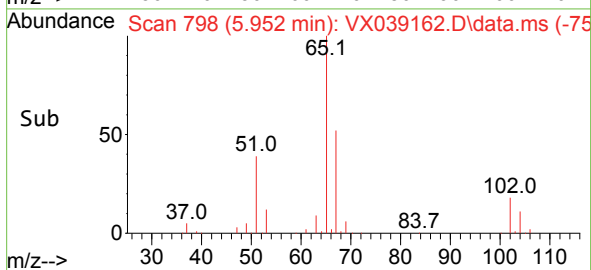
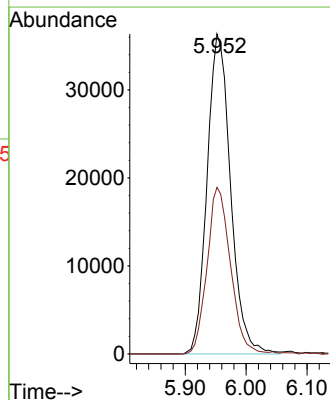
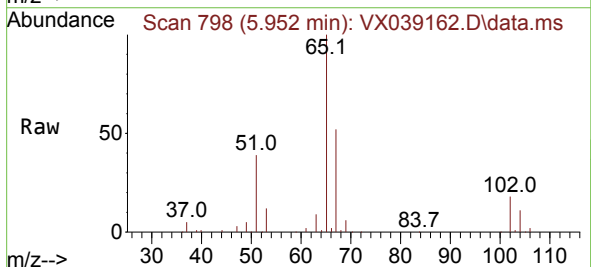
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

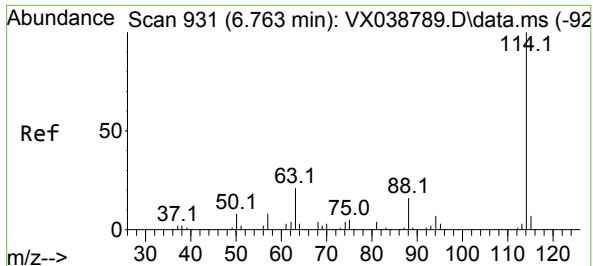
Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 158.0 23.4 35.2#
84 131.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 65 Resp: 97376
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

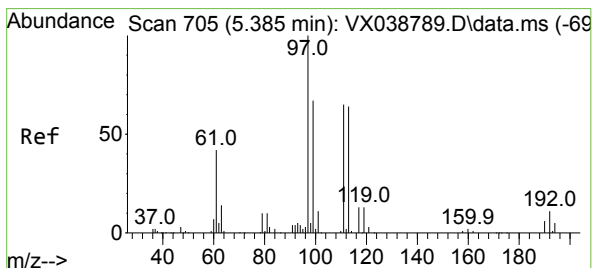
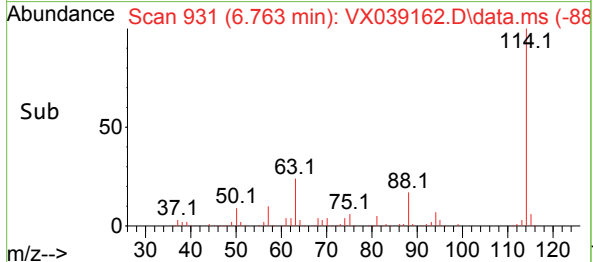
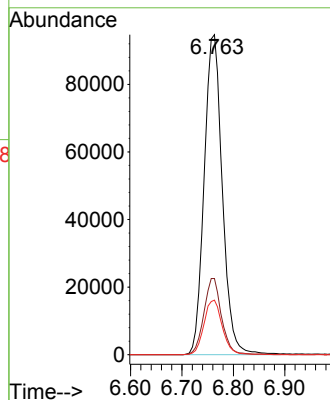
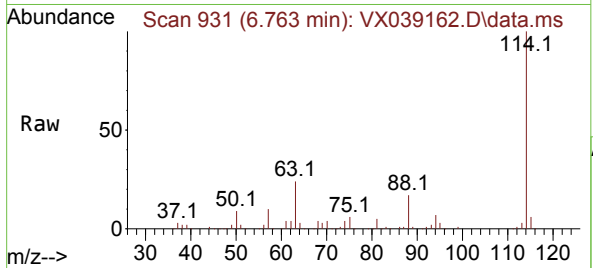




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

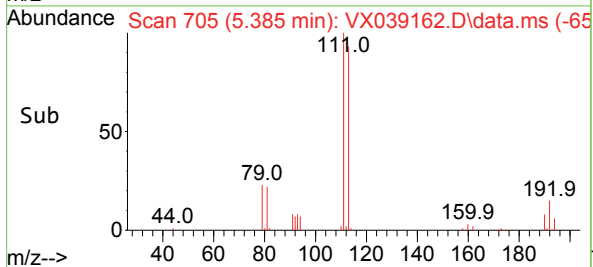
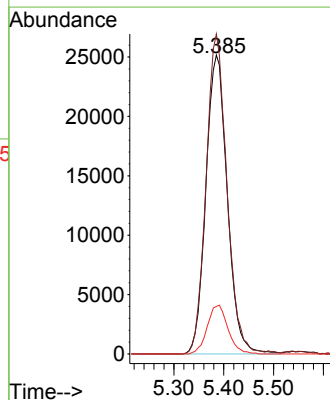
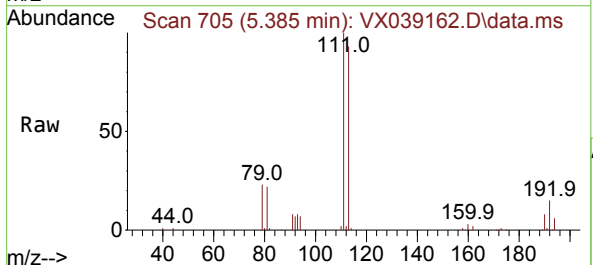
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

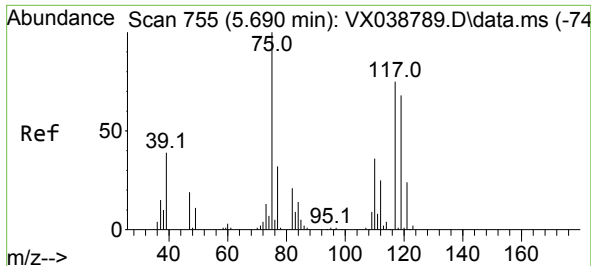
Tgt Ion:114 Resp: 232084
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion:113 Resp: 75203
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.8 13.3 19.9

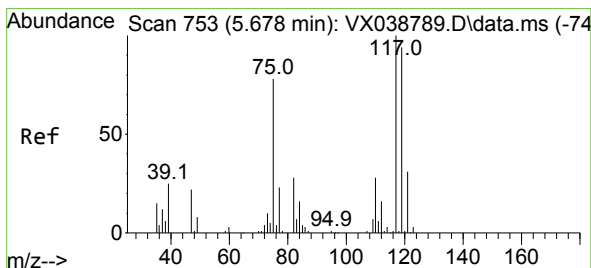
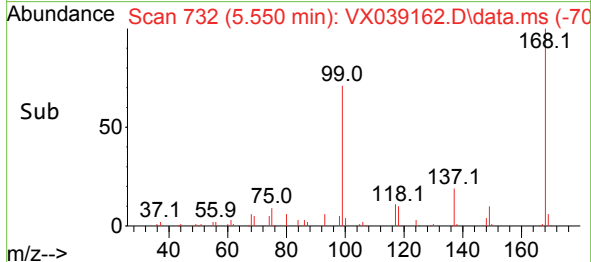
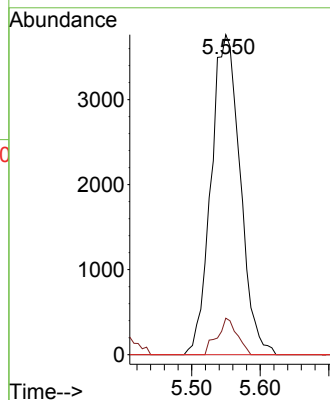
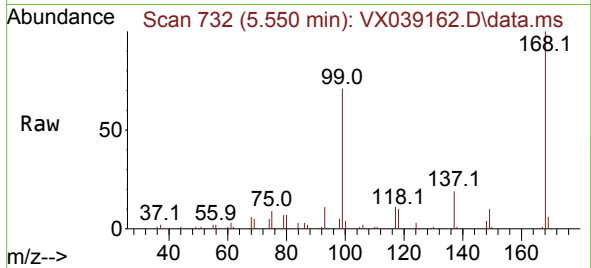




#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

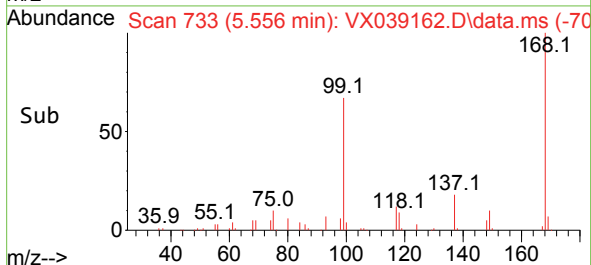
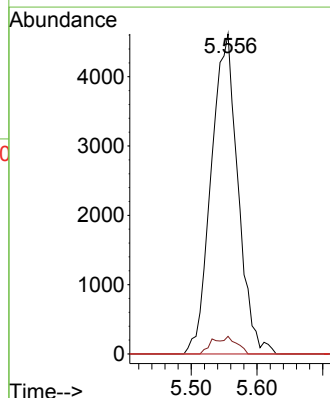
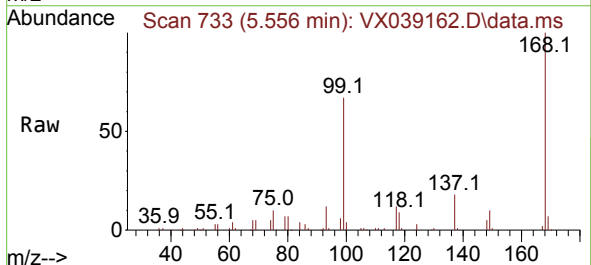
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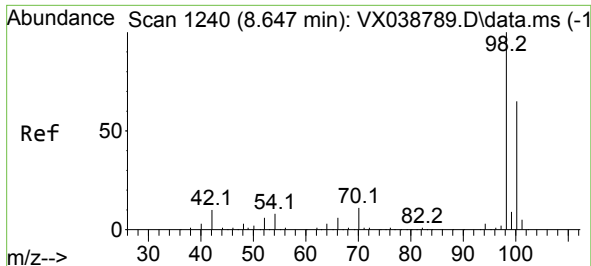
Tgt Ion: 75 Resp: 11085
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 117 Resp: 13092
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

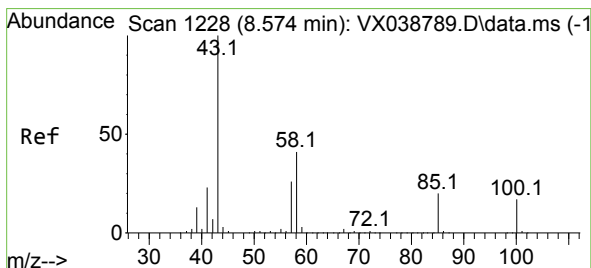
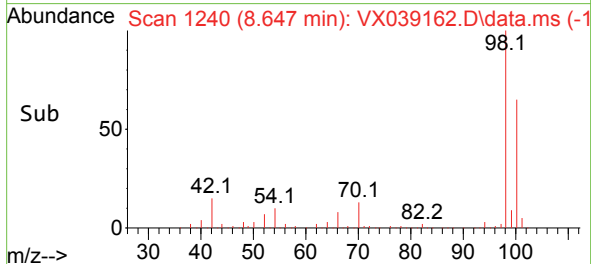
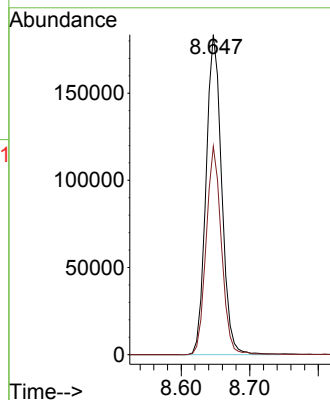
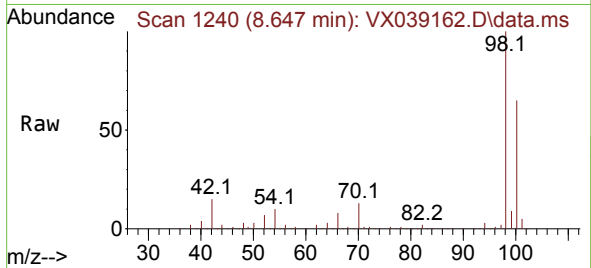




#50
Toluene-d8
Concen: 45.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

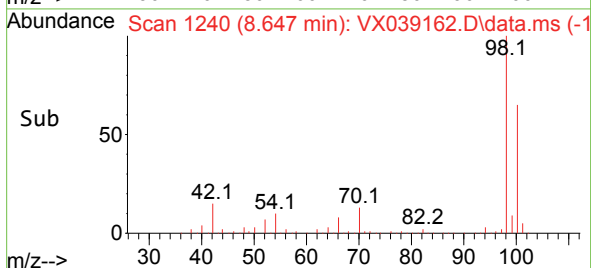
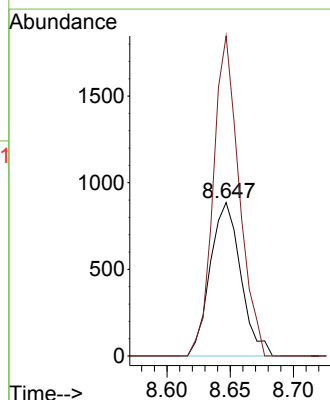
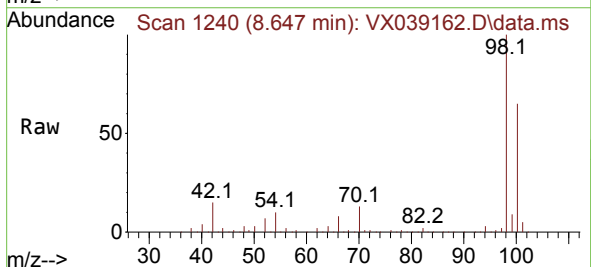
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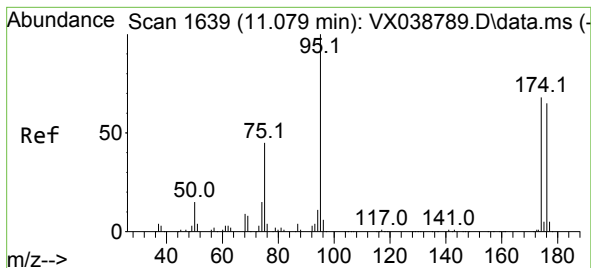
Tgt Ion: 98 Resp: 291314
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 176.7 30.4 45.6#

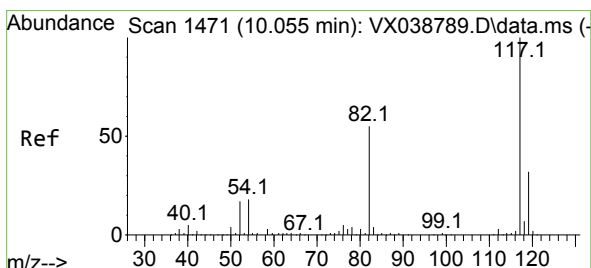
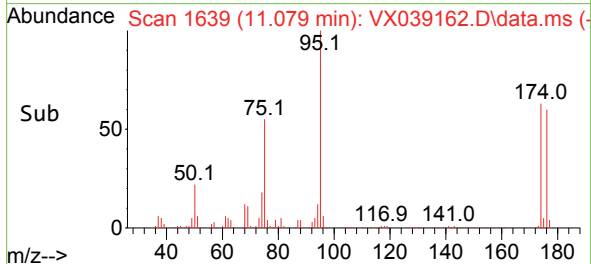
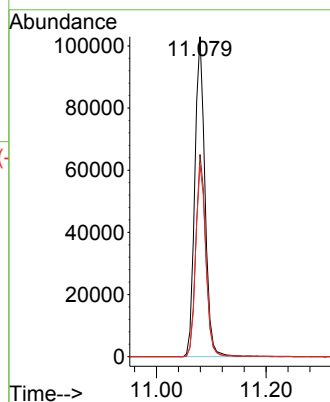
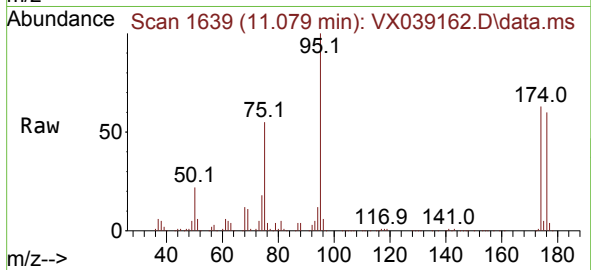




#62
4-Bromofluorobenzene
Concen: 51.937 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

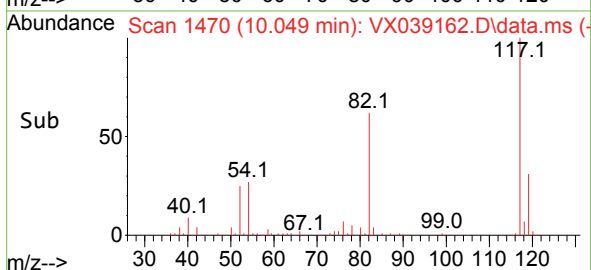
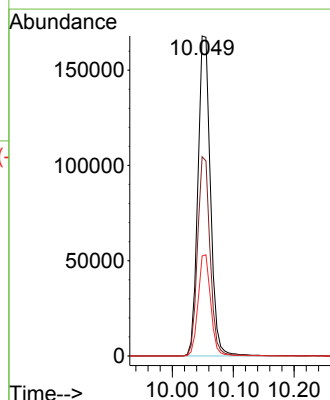
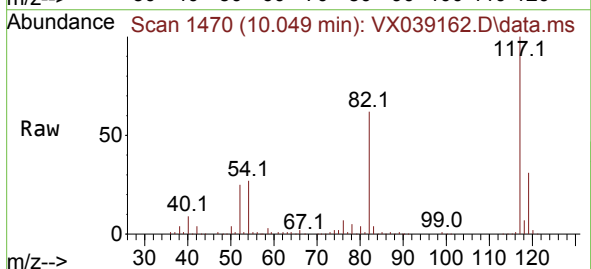
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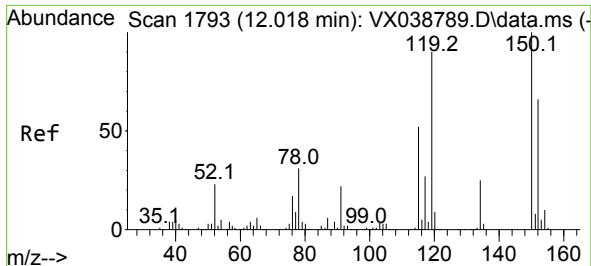
Tgt Ion: 95 Resp: 133333
Ion Ratio Lower Upper
95 100
174 61.6 0.0 135.6
176 60.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 117 Resp: 239581
Ion Ratio Lower Upper
117 100
82 62.3 46.2 69.4
119 31.3 25.5 38.3

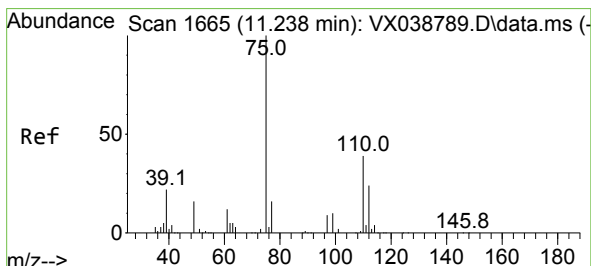
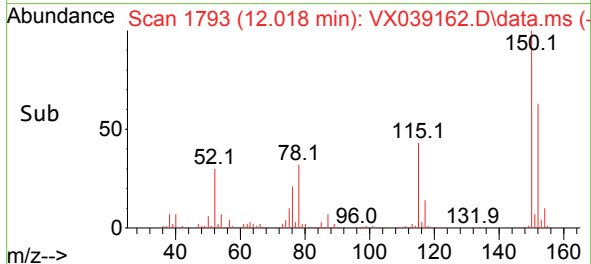
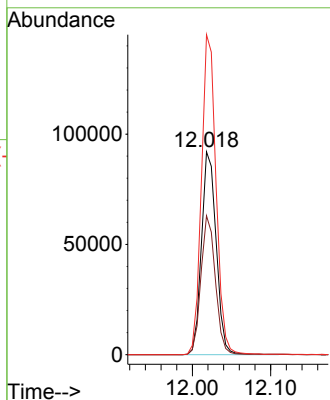
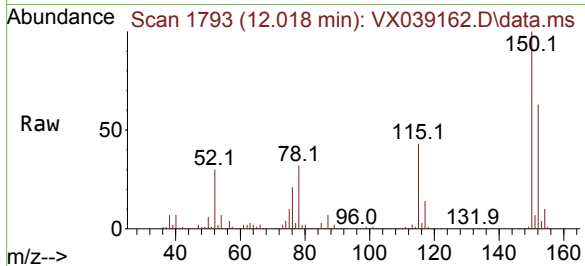




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

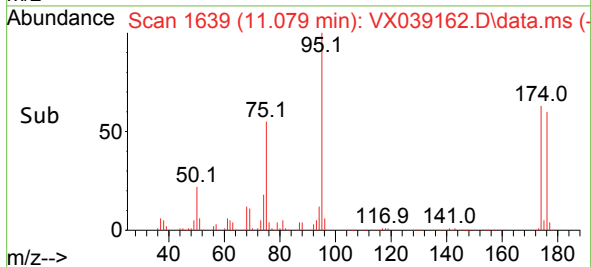
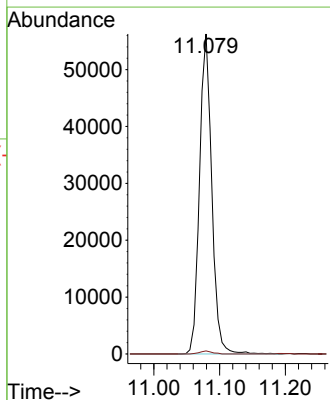
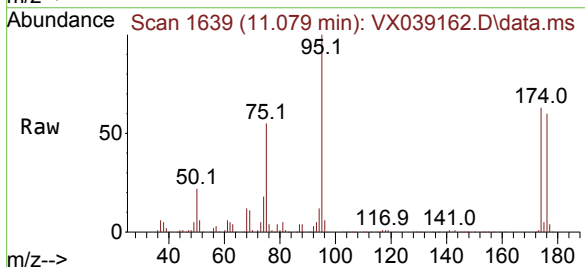
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

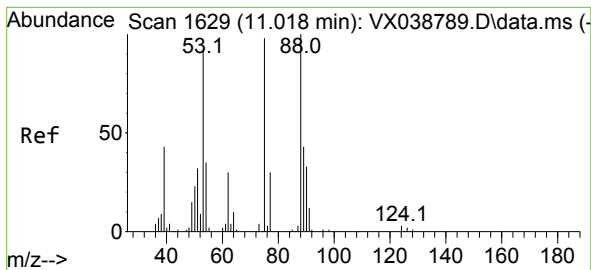
Tgt Ion:152 Resp: 119860
Ion Ratio Lower Upper
152 100
115 67.4 43.3 129.9
150 157.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 75 Resp: 72793
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.992 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039162.D
 Acq: 12 Dec 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 A3909DL

Tgt Ion: 75 Resp: 72793
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

