

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035344.D
 Acq On : 27 Apr 2023 16:21
 Operator : JC/MD
 Sample : 02495-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-01

Quant Time: Apr 28 05:07:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

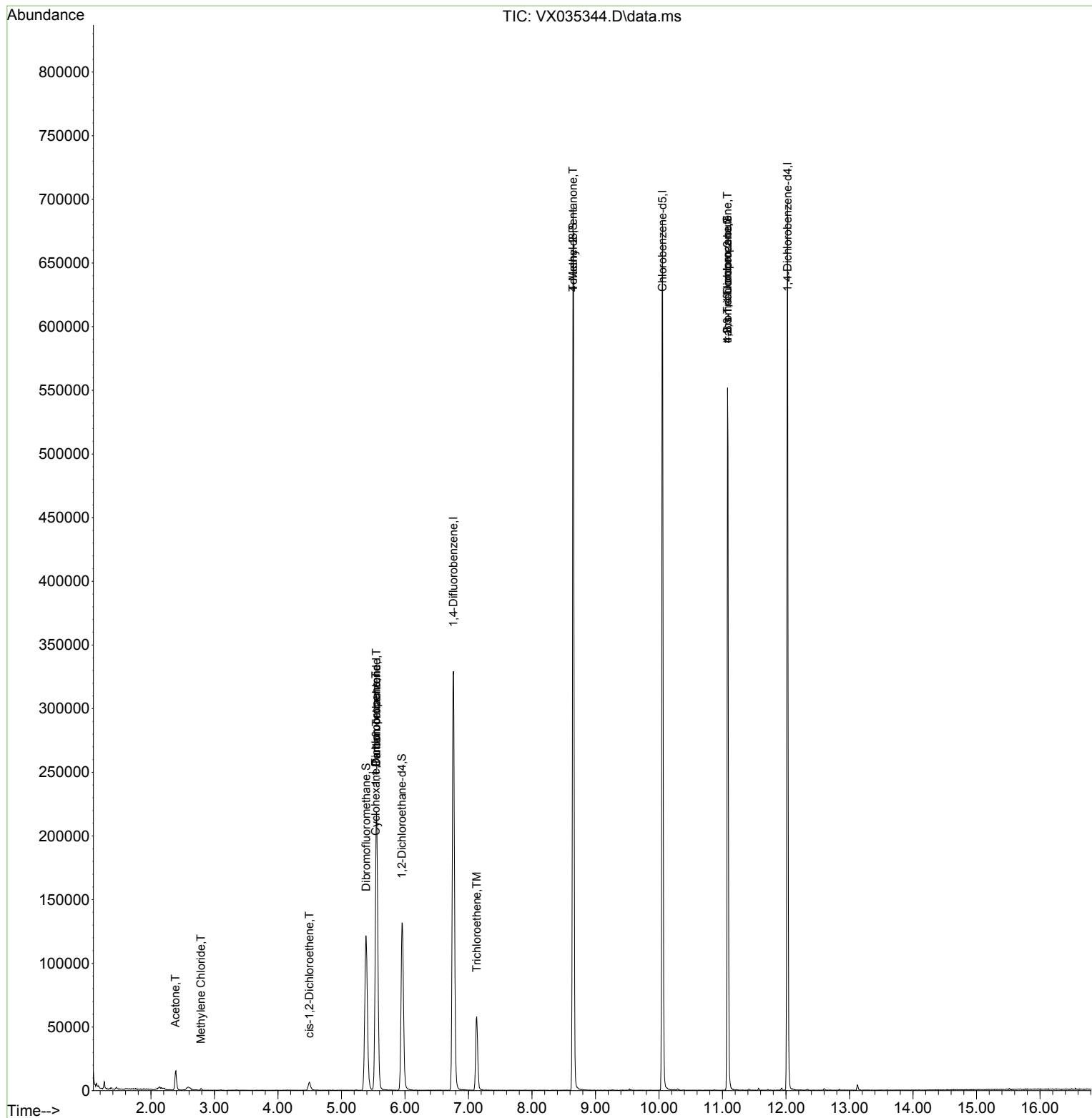
Internal Standards						
1) Pentafluorobenzene	5.550	168	214453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131529	50.837	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117		Recovery	= 101.680%	
35) Dibromofluoromethane	5.385	113	107943	49.998	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 100.000%	
50) Toluene-d8	8.647	98	417105	51.214	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112		Recovery	= 102.420%	
62) 4-Bromofluorobenzene	11.079	95	155679	50.813	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123		Recovery	= 101.620%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	17749	15.795	ug/l	92
20) Methylene Chloride	2.788	84	697	0.271	ug/l #	75
27) cis-1,2-Dichloroethene	4.495	96	4290	1.613	ug/l	87
31) Cyclohexane	5.538	56	4015	1.094	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	15686	4.653	ug/l #	50
38) Carbon Tetrachloride	5.550	117	21193	6.622	ug/l #	16
44) Trichloroethene	7.129	130	24443	9.175	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1793	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76343	25.567	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	76343	82.806	ug/l #	8

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

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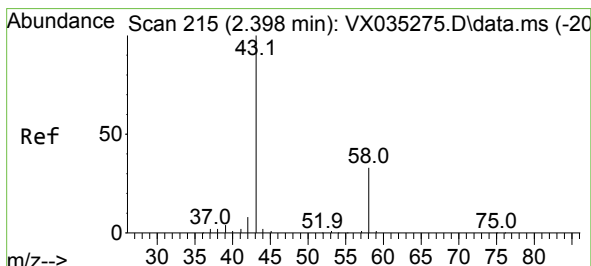
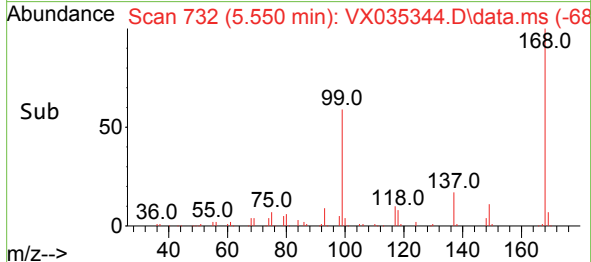
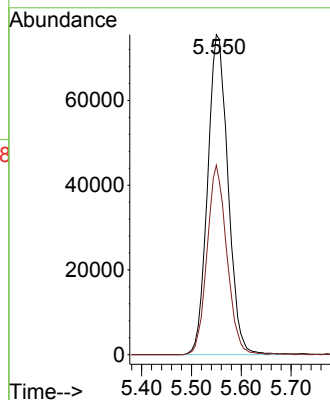
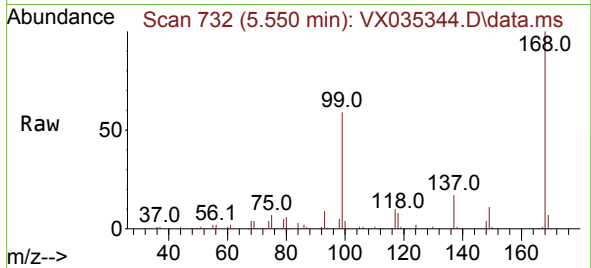




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

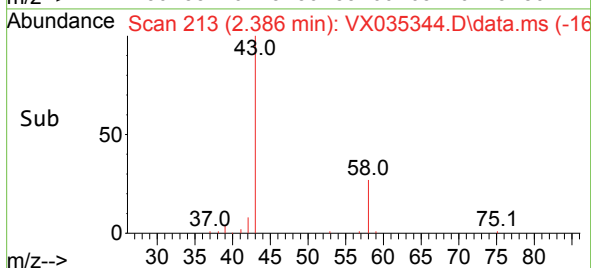
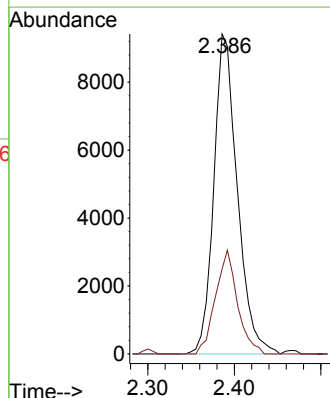
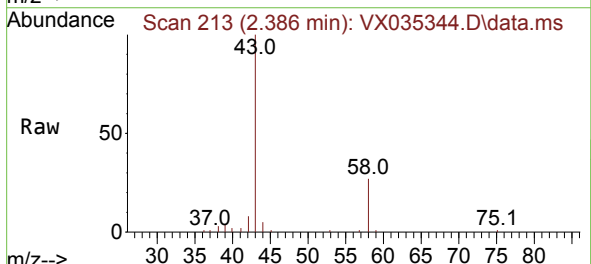
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

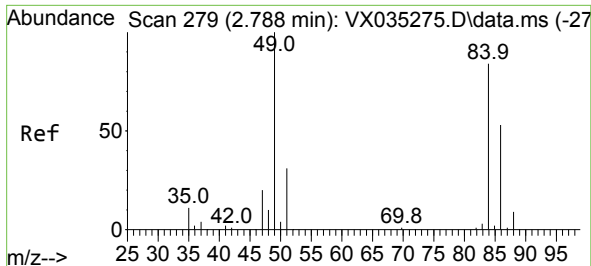
Tgt Ion:168 Resp: 214453
Ion Ratio Lower Upper
168 100
99 59.2 45.7 68.5



#16
Acetone
Concen: 15.795 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion: 43 Resp: 17749
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1





#20

Methylene Chloride

Concen: 0.271 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035344.D

Acq: 27 Apr 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

PZ-01

Tgt Ion: 84 Resp: 697

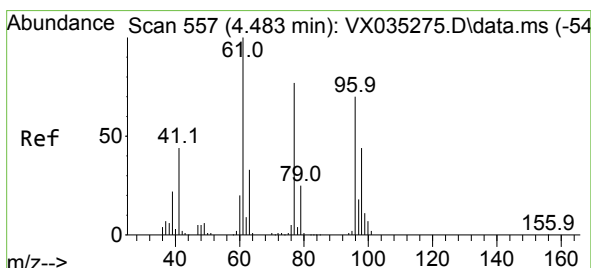
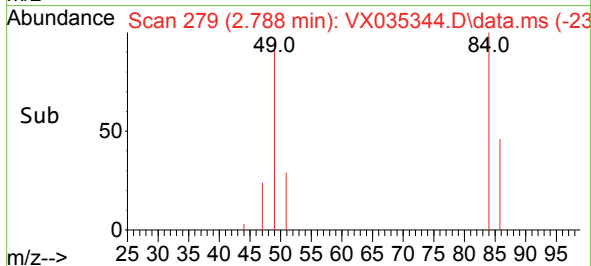
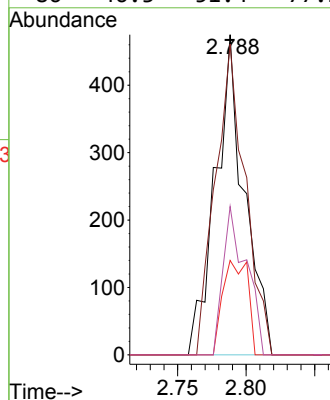
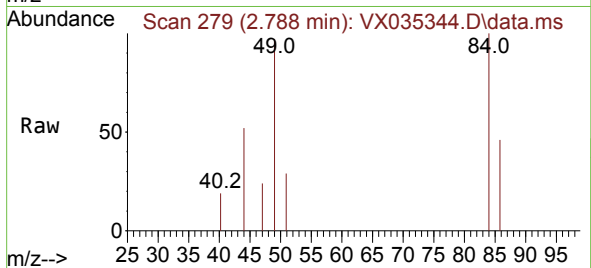
Ion Ratio Lower Upper

84 100

49 97.1 103.8 155.8#

51 29.5 31.8 47.8#

86 46.3 51.4 77.2#



#27

cis-1,2-Dichloroethene

Concen: 1.613 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX035344.D

Acq: 27 Apr 2023 16:21

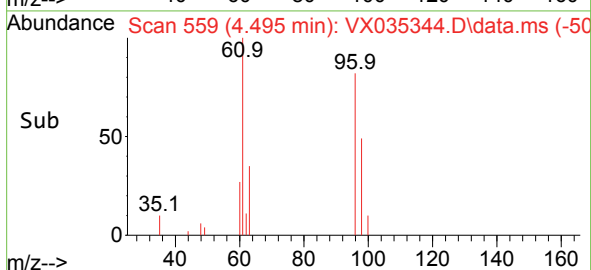
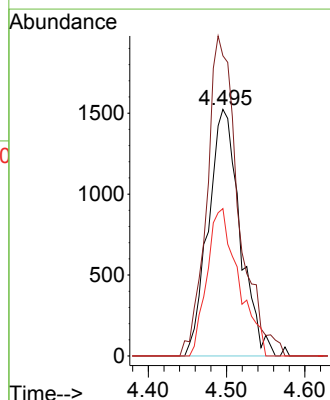
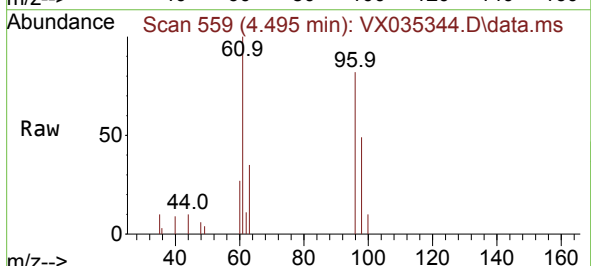
Tgt Ion: 96 Resp: 4290

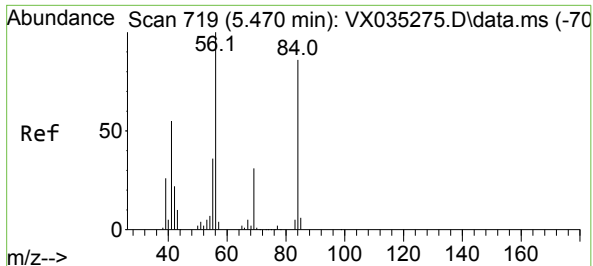
Ion Ratio Lower Upper

96 100

61 129.6 0.0 300.4

98 59.6 0.0 129.0

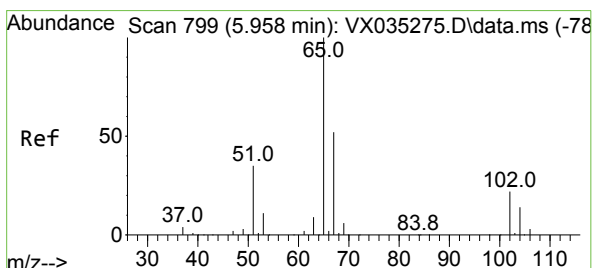
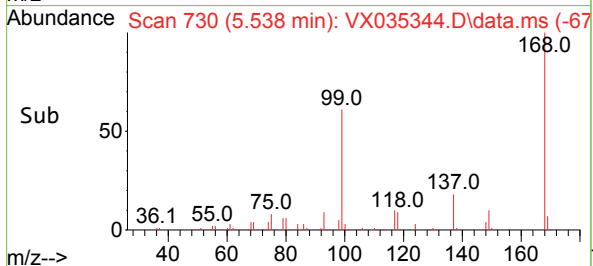
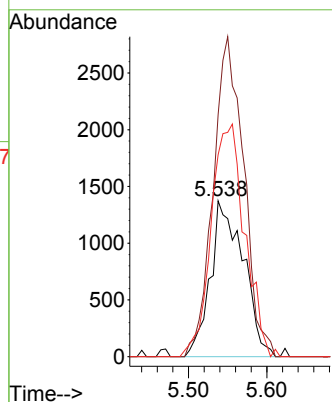
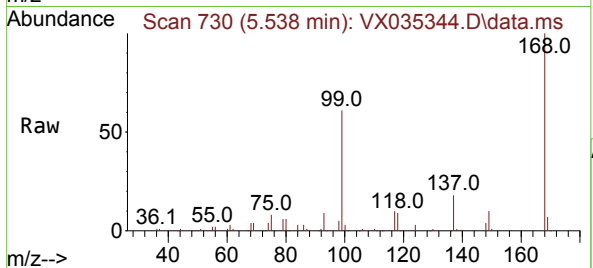




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

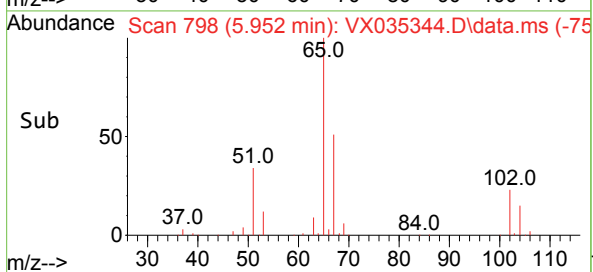
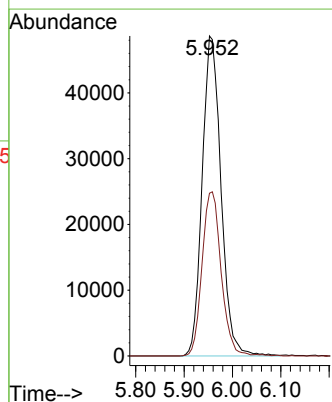
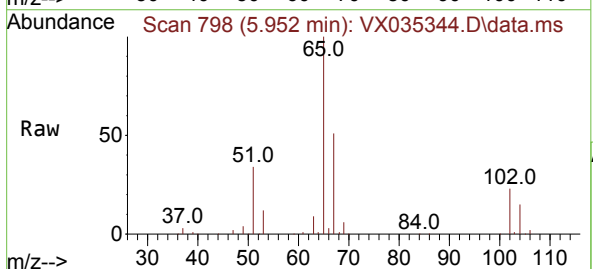
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

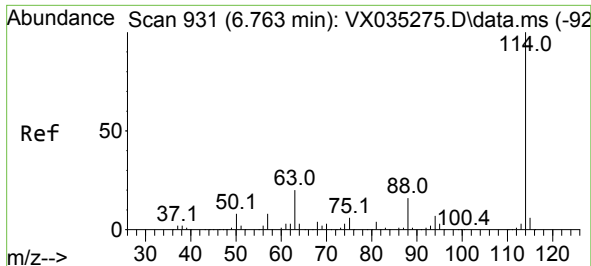
Tgt Ion: 56 Resp: 4015
Ion Ratio Lower Upper
56 100
69 155.3 23.7 35.5#
84 129.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.837 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion: 65 Resp: 131529
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

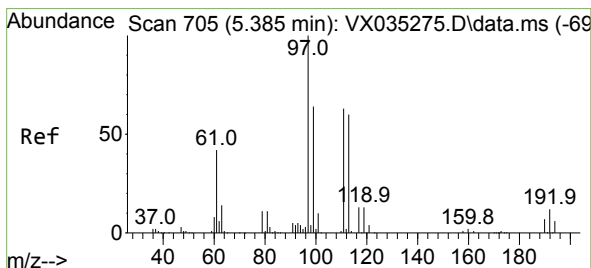
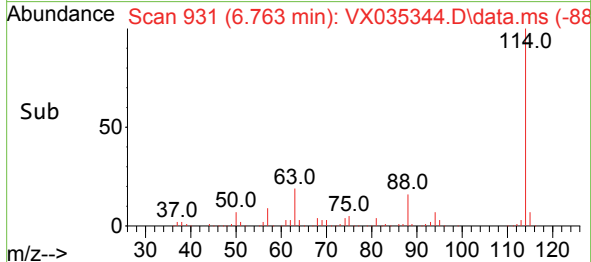
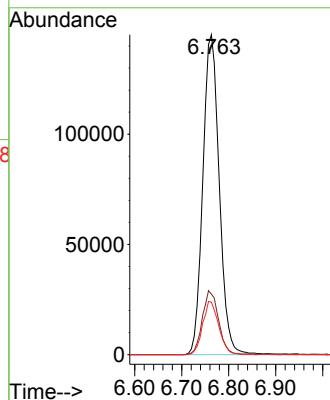
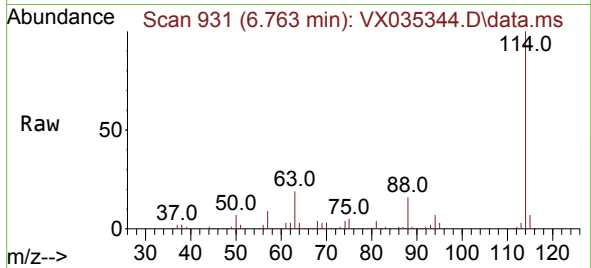




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

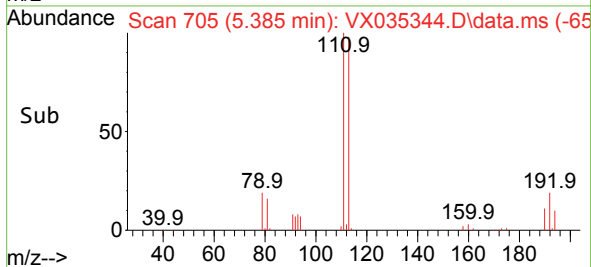
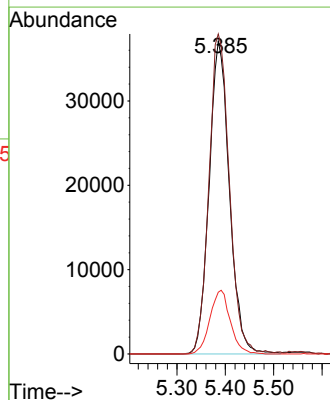
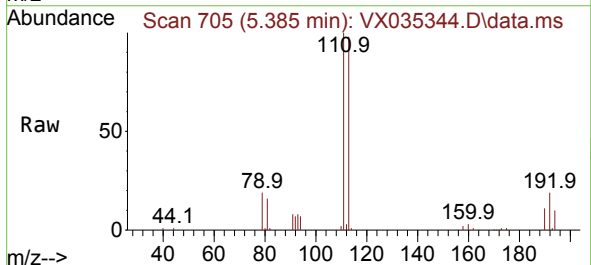
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

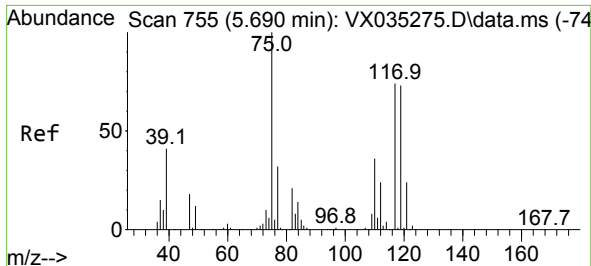
Tgt Ion:114 Resp: 351754
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.998 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion:113 Resp: 107943
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 20.5 15.4 23.2

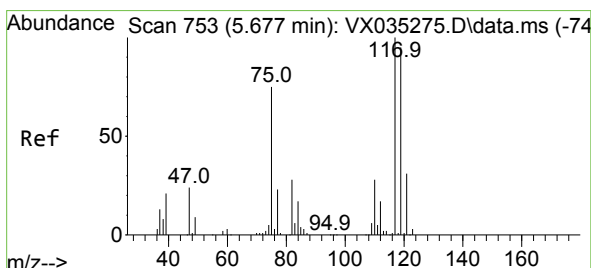
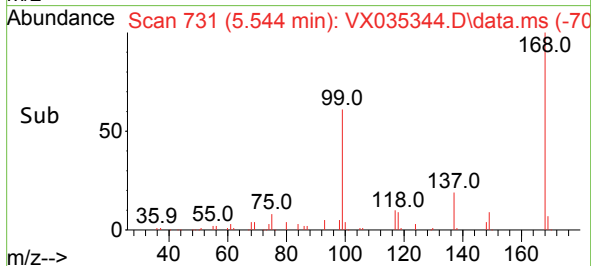
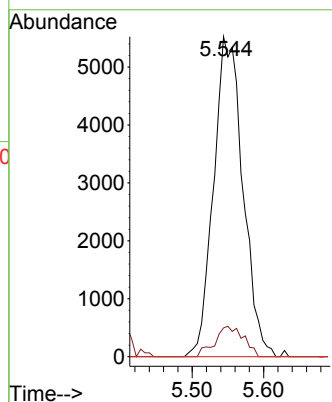
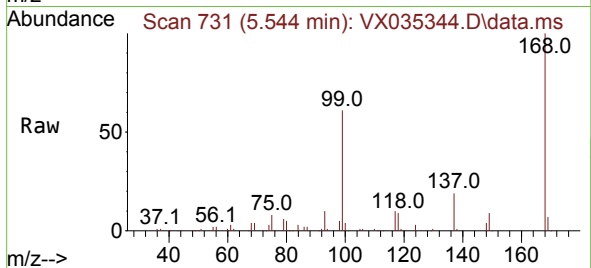




#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

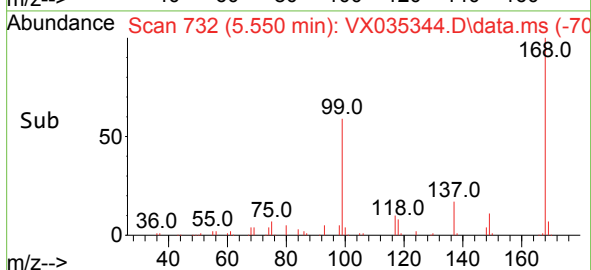
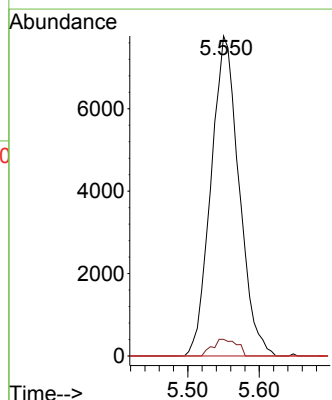
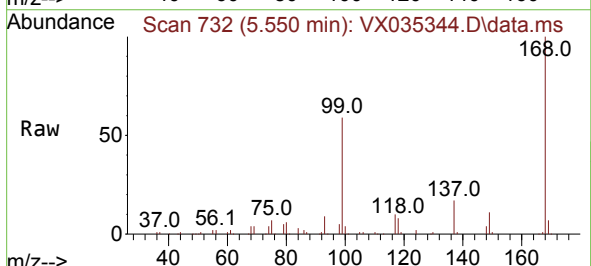
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

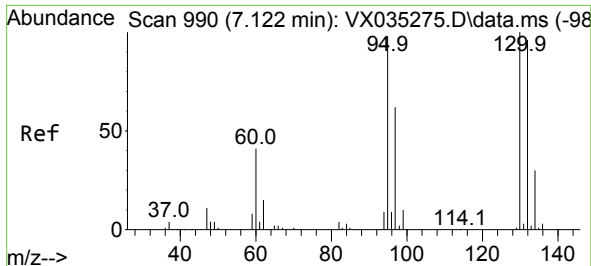
Tgt Ion: 75 Resp: 15686
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion: 117 Resp: 21193
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#

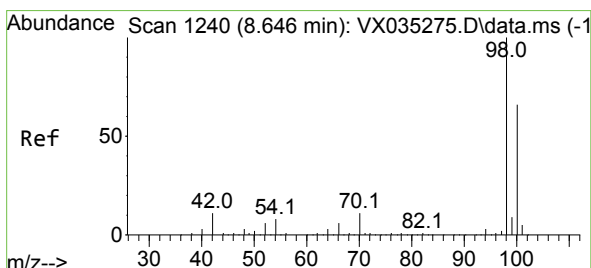
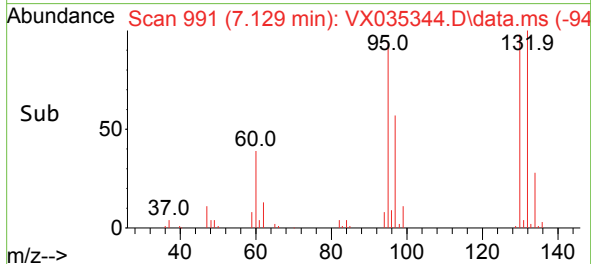
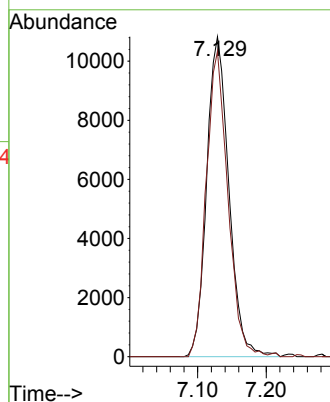
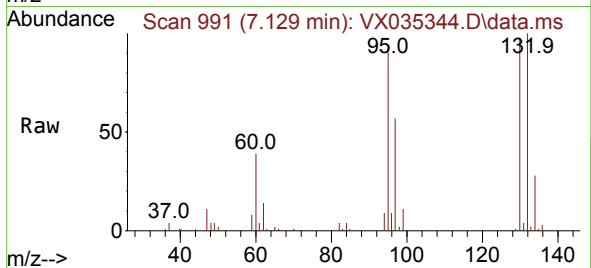




#44
 Trichloroethene
 Concen: 9.175 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX035344.D
 Acq: 27 Apr 2023 16:21

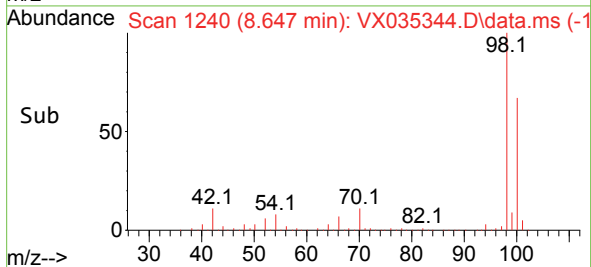
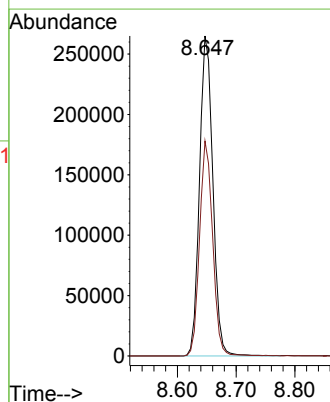
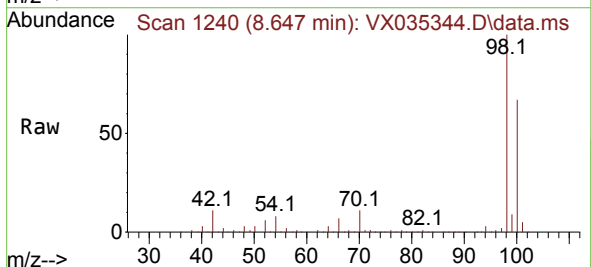
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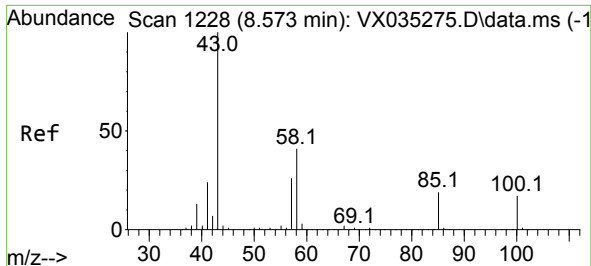
Tgt Ion:130 Resp: 24443
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 198.4



#50
 Toluene-d8
 Concen: 51.214 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035344.D
 Acq: 27 Apr 2023 16:21

Tgt Ion: 98 Resp: 417105
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.5 78.7

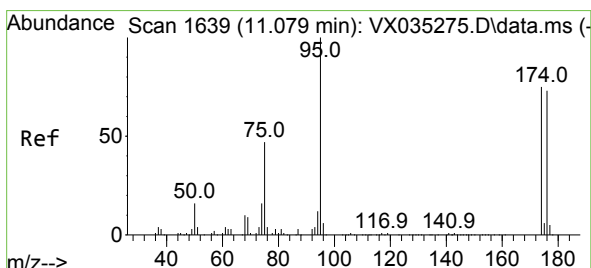
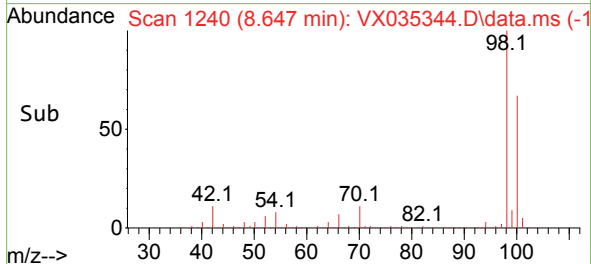
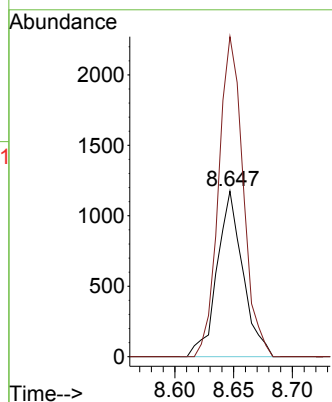
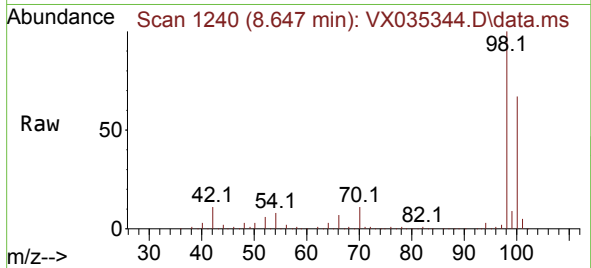




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.074 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

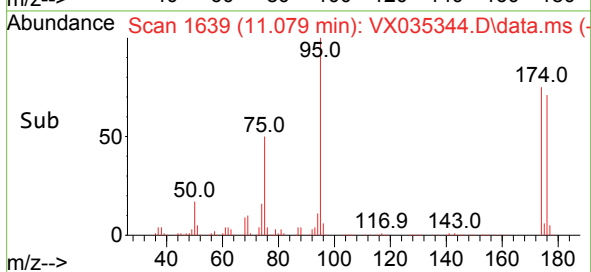
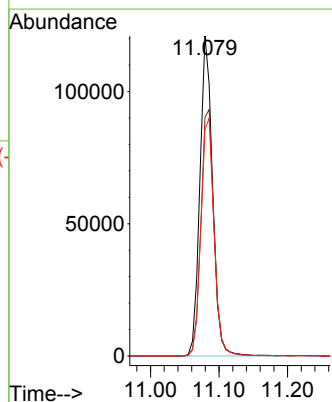
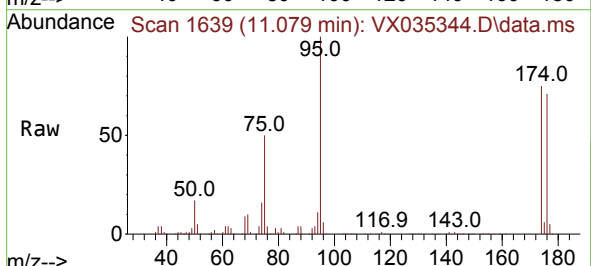
Instrument :
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ClientSampleId :
PZ-01

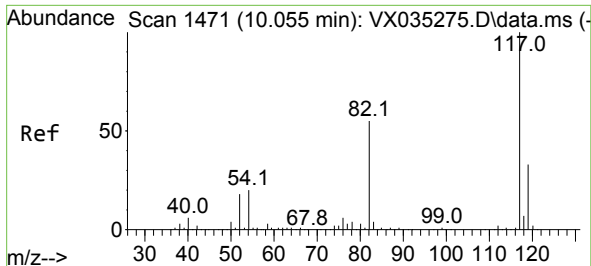
Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 184.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.813 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion: 95 Resp: 155679
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 77.1 0.0 140.6

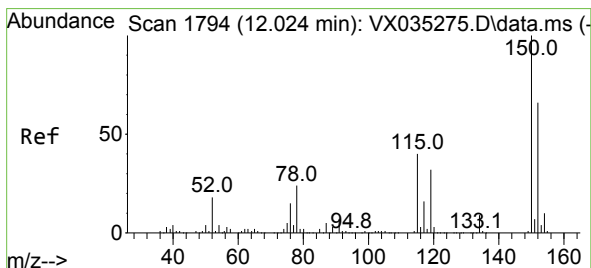
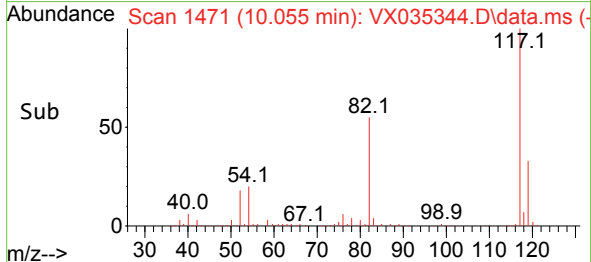
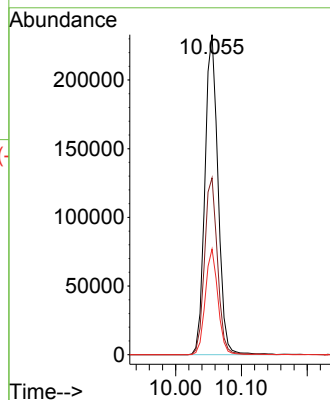
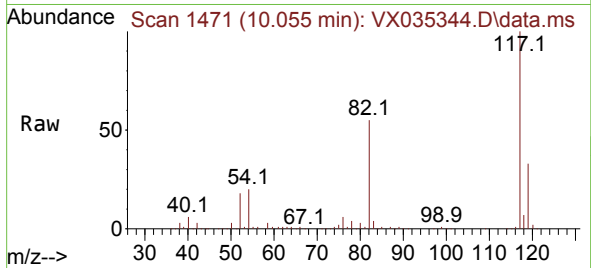




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

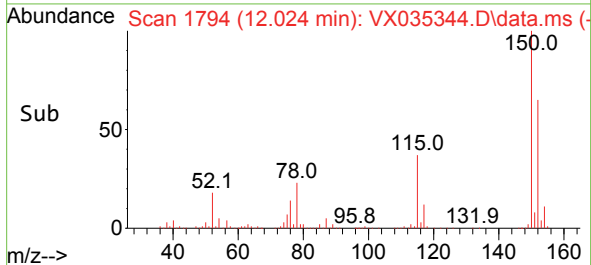
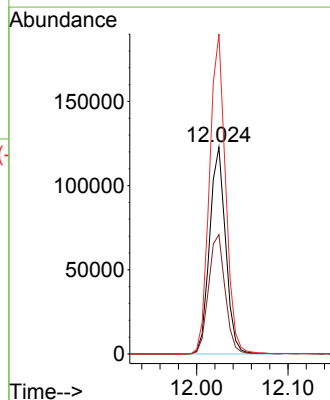
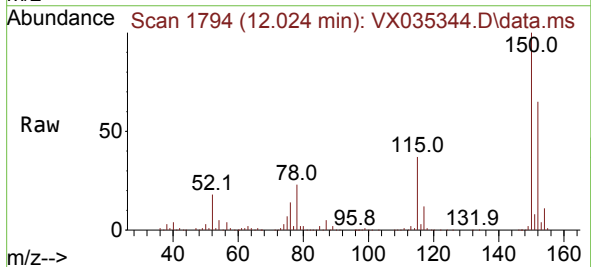
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

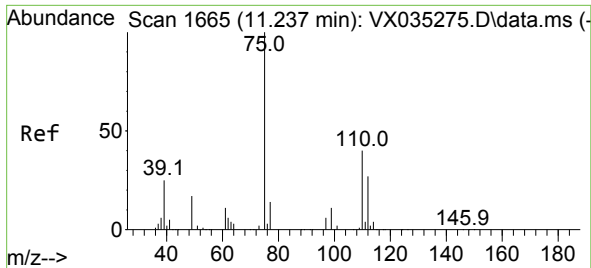
Tgt Ion:117 Resp: 321900
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion:152 Resp: 149693
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 155.1 0.0 352.4

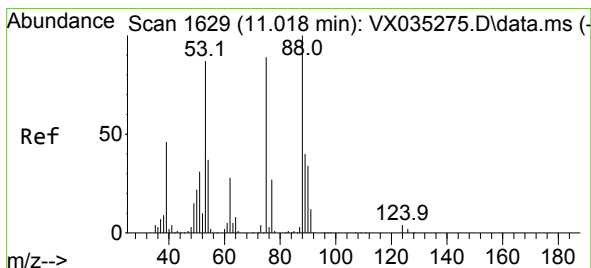
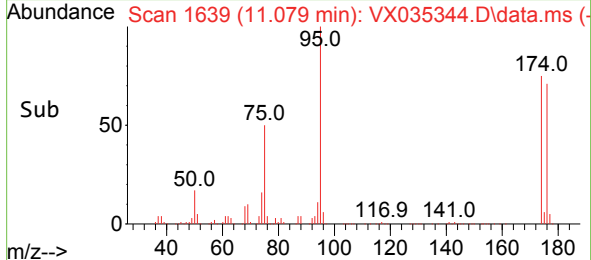
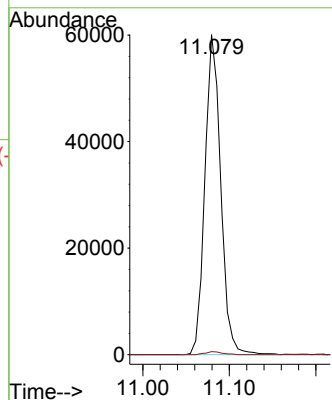
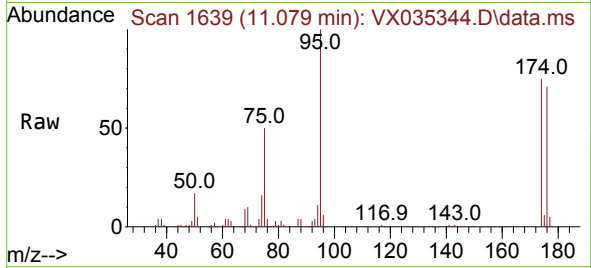




#76
1,2,3-Trichloropropane
Concen: 25.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
PZ-01

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035344.D
Acq: 27 Apr 2023 16:21

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

