

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045623.D
 Acq On : 07 Apr 2025 12:56
 Operator : JC/MD
 Sample : Q1741-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-040425

Quant Time: Apr 08 01:35:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

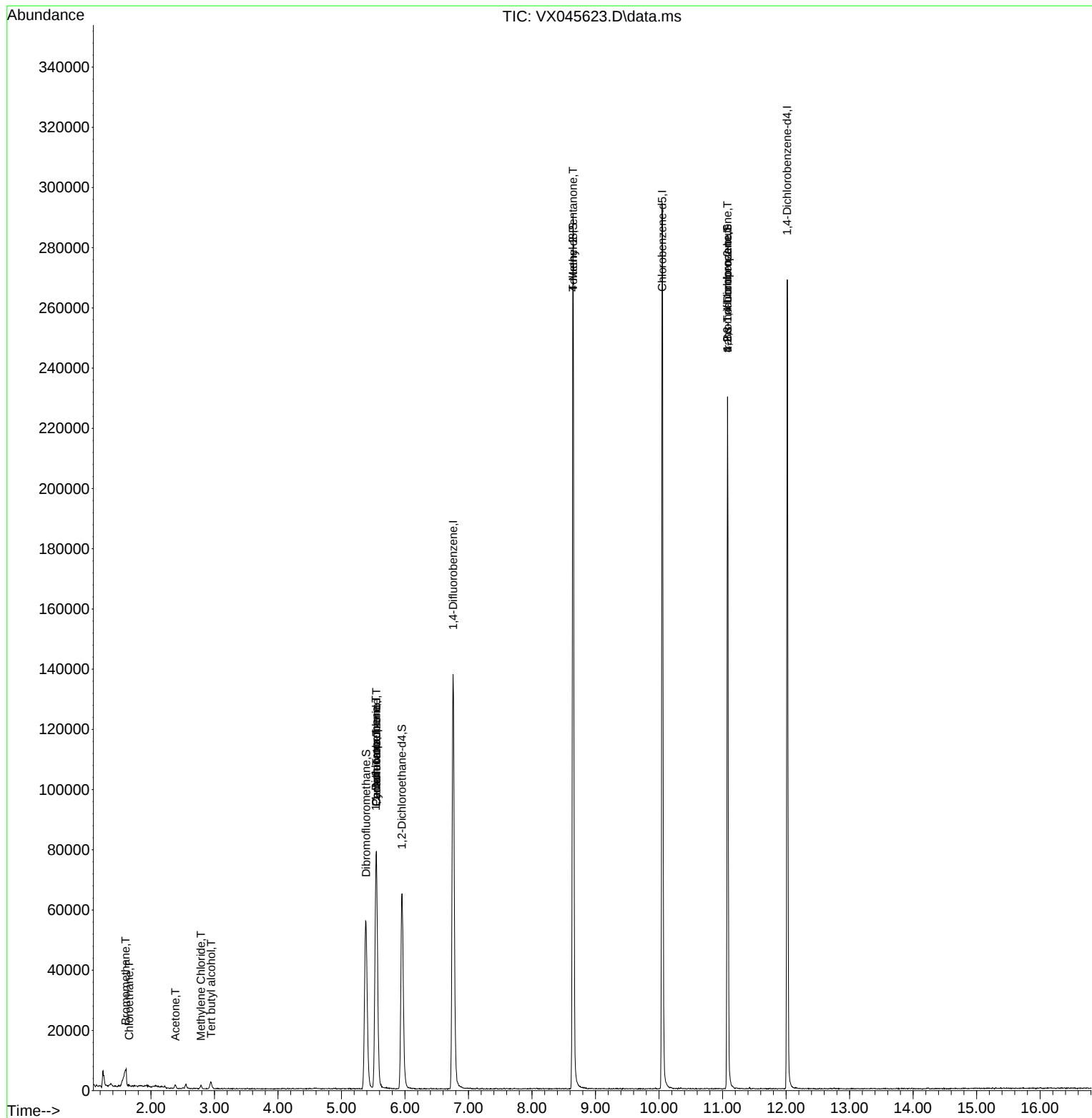
Internal Standards						
1) Pentafluorobenzene	5.550	168	67197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66962	54.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.980%	
35) Dibromofluoromethane	5.385	113	48604	51.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	8.647	98	164082	49.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.079	95	60987	50.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	132	0.295	ug/l #	3
6) Chloroethane	1.654	64	221	0.441	ug/l #	42
11) Tert butyl alcohol	2.946	59	1359	8.229	ug/l #	72
16) Acetone	2.386	43	1466	2.905	ug/l #	87
20) Methylene Chloride	2.788	84	487	0.516	ug/l #	73
31) Cyclohexane	5.550	56	2298	1.524	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	6913	5.396	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7960	5.749	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	937	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35261	28.995	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35261	98.406	ug/l #	1

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

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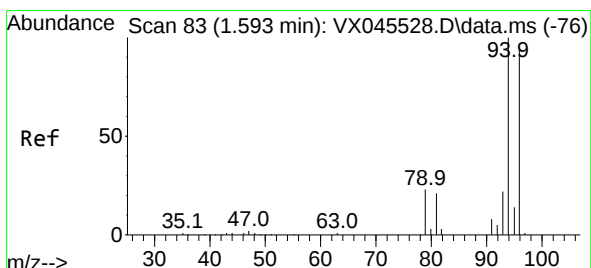
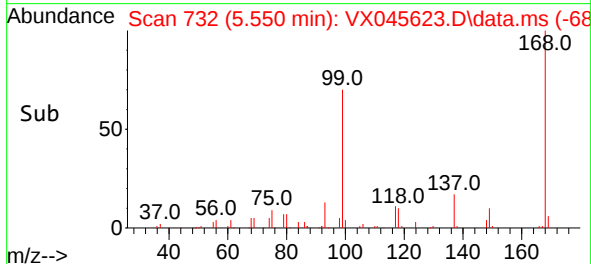
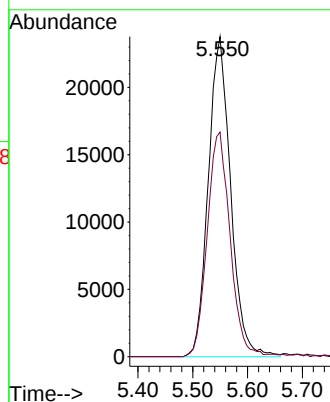
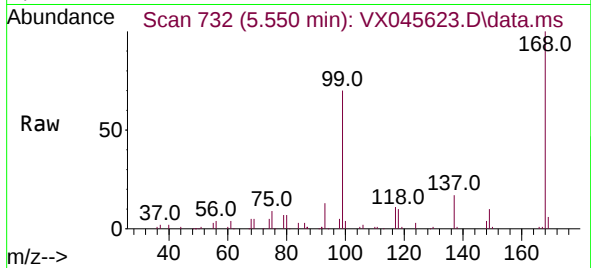




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

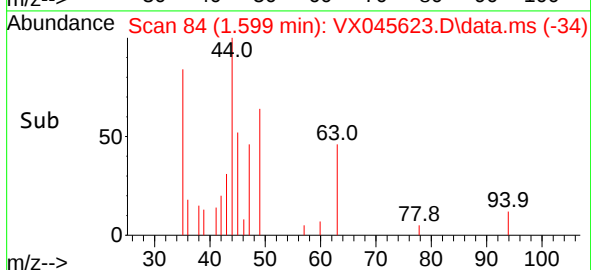
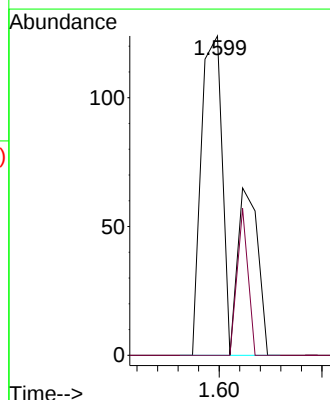
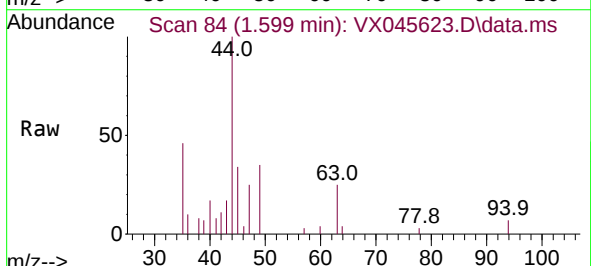
Instrument :
MSVOA_X
ClientSampleId :
FB01-040425

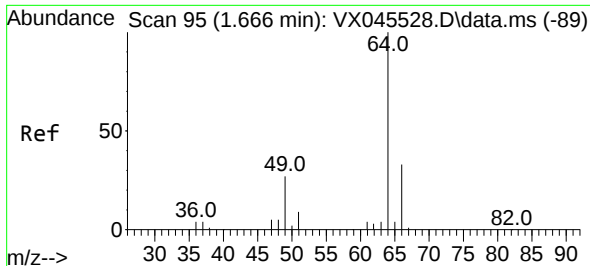
Tgt Ion:168 Resp: 67197
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

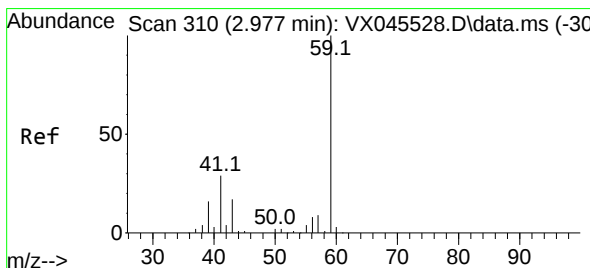
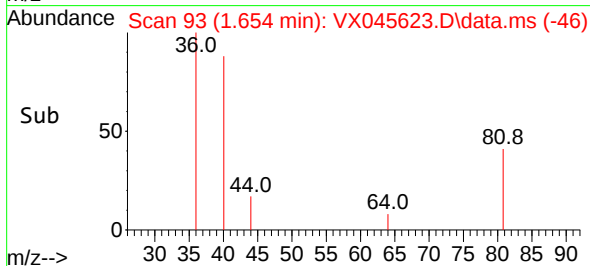
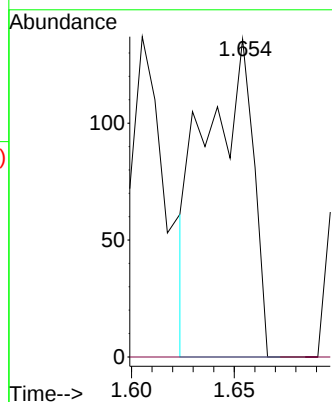
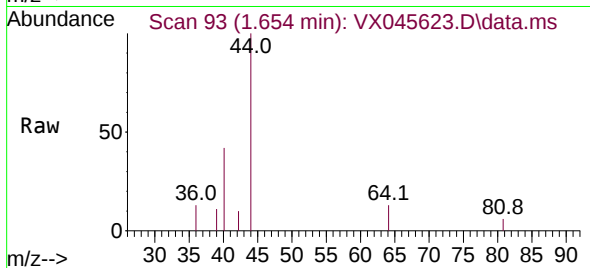




#6
Chloroethane
Concen: 0.441 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

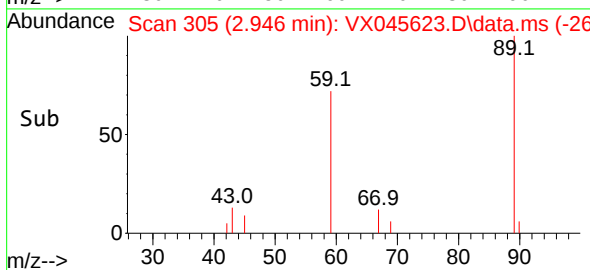
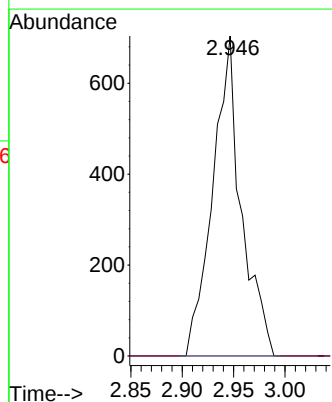
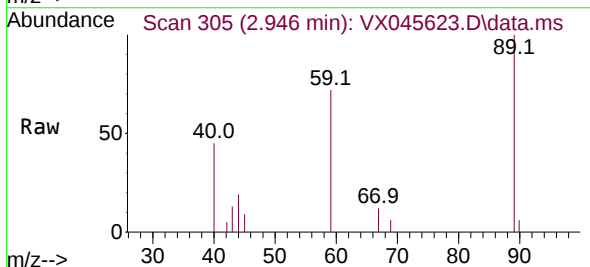
Instrument :
MSVOA_X
ClientSampleId :
FB01-040425

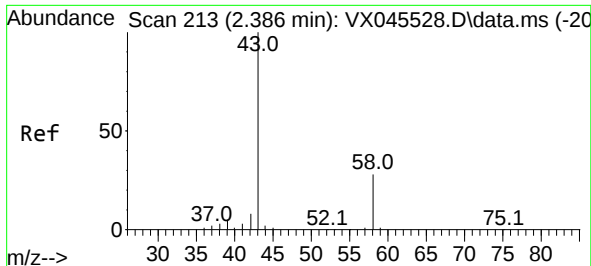
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 8.229 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 59 Resp: 1359
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 2.905 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045623.D

Acq: 07 Apr 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

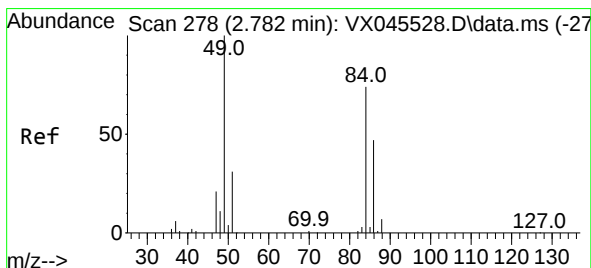
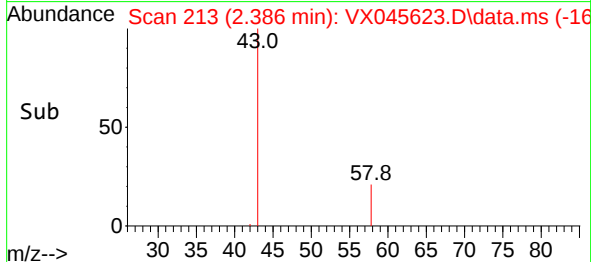
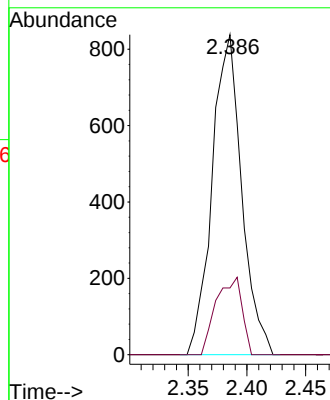
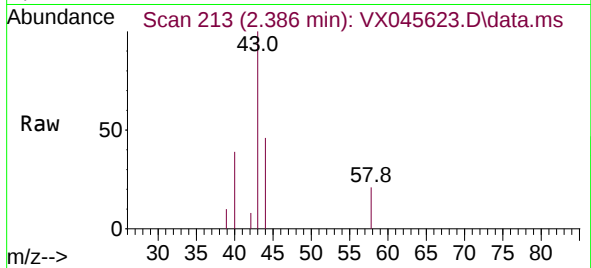
FB01-040425

Tgt Ion: 43 Resp: 1466

Ion Ratio Lower Upper

43 100

58 20.9 22.3 33.5#



#20

Methylene Chloride

Concen: 0.516 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX045623.D

Acq: 07 Apr 2025 12:56

Tgt Ion: 84 Resp: 487

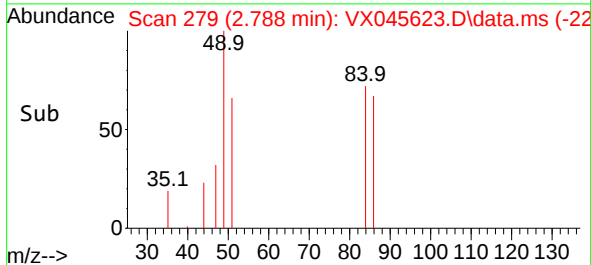
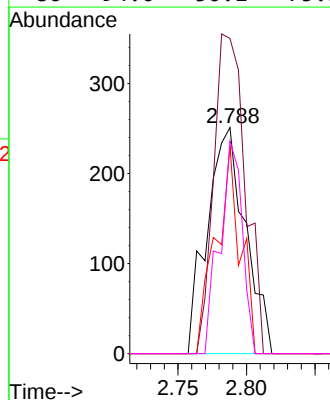
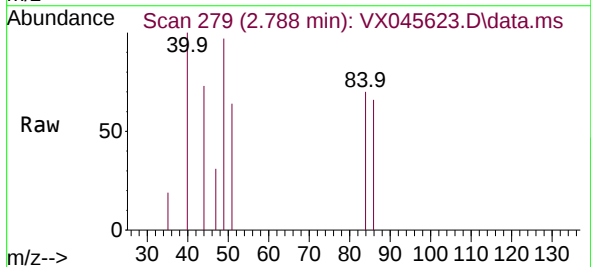
Ion Ratio Lower Upper

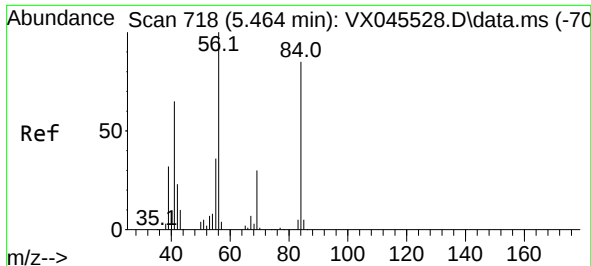
84 100

49 139.4 107.5 161.3

51 92.0 33.0 49.6#

86 94.0 50.1 75.1#

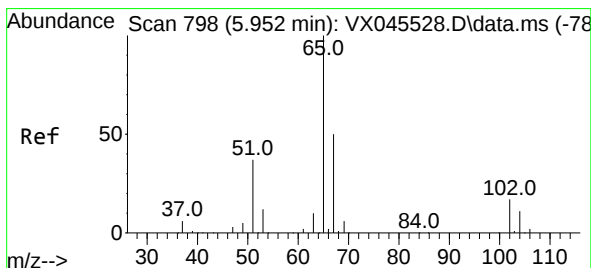
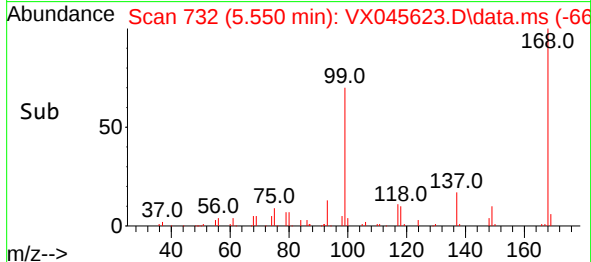
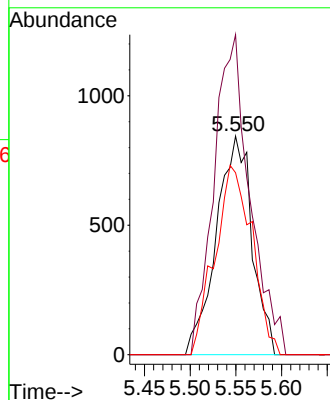
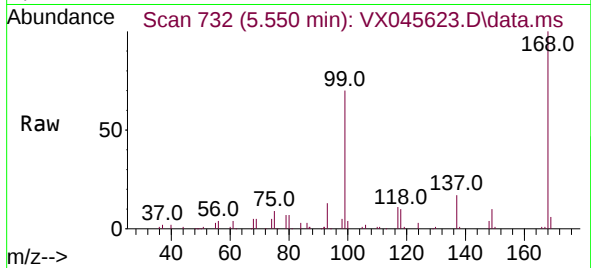




#31
Cyclohexane
Concen: 1.524 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

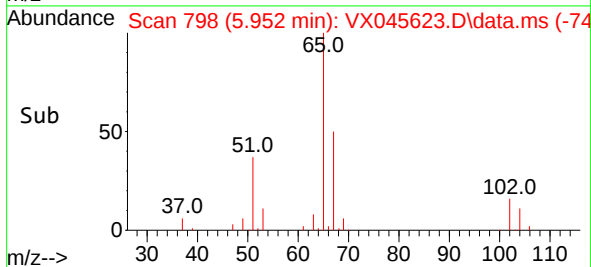
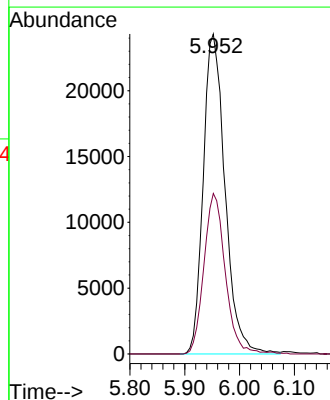
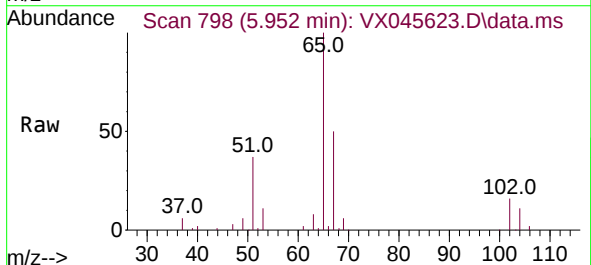
Instrument :
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ClientSampleId :
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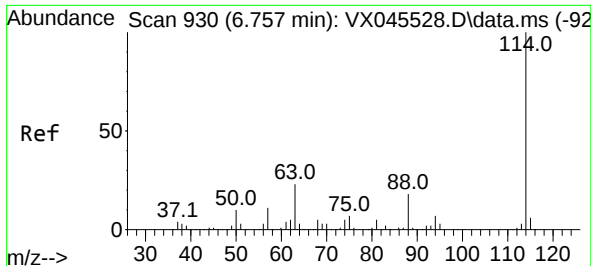
Tgt Ion: 56 Resp: 2298
Ion Ratio Lower Upper
56 100
69 146.4 23.6 35.4#
84 83.3 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.491 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 65 Resp: 66962
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

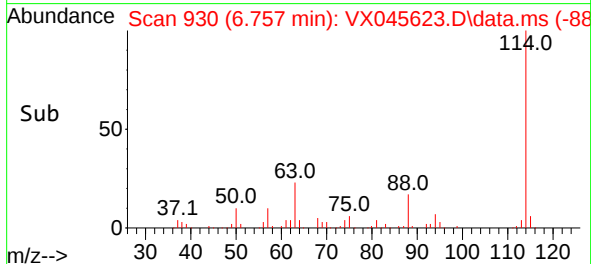
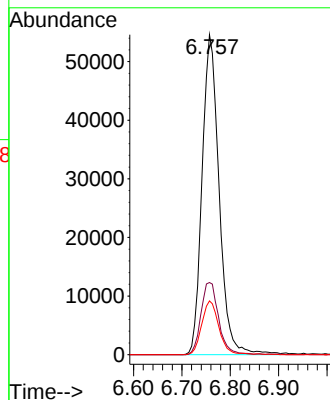
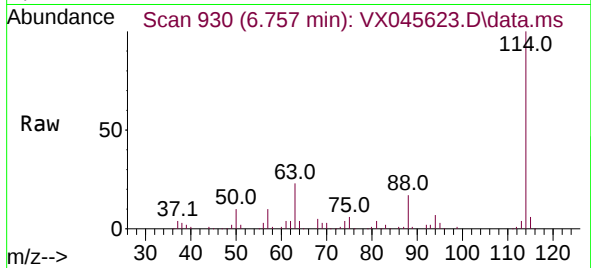




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

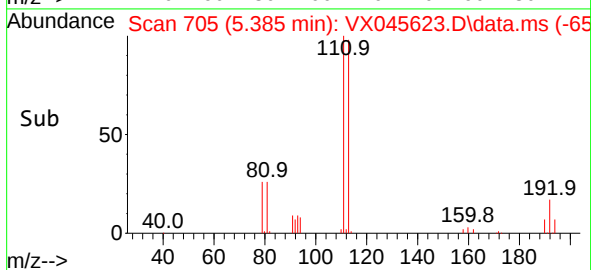
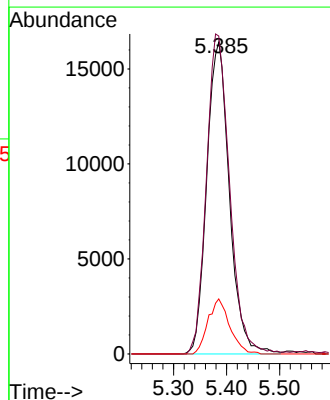
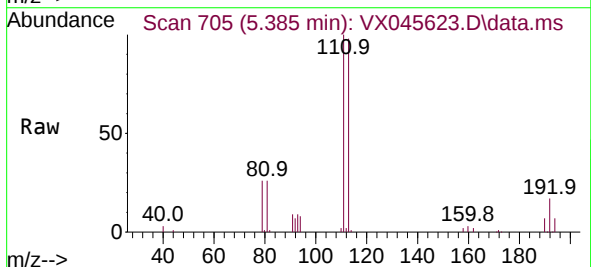
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MSVOA_X
ClientSampleId :
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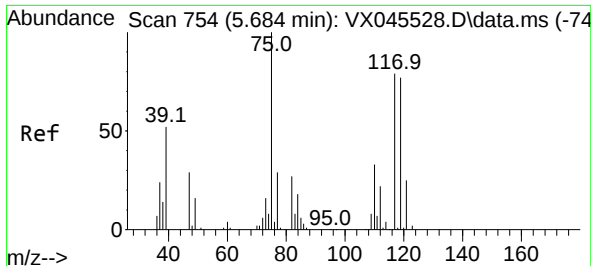
Tgt Ion:114 Resp: 133734
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion:113 Resp: 48604
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.6
192 17.0 13.8 20.6

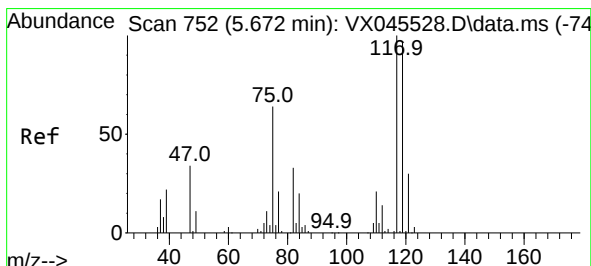
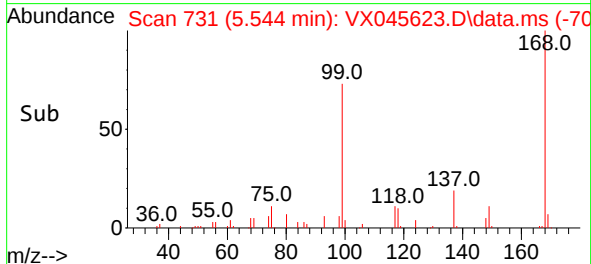
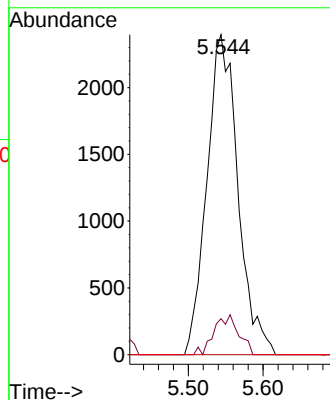
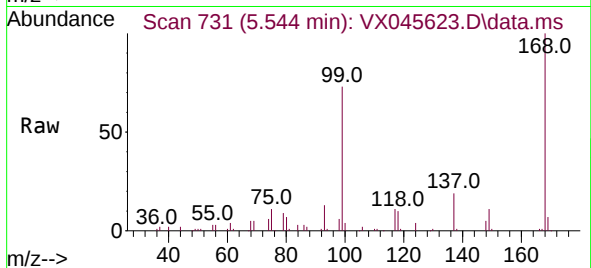




#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

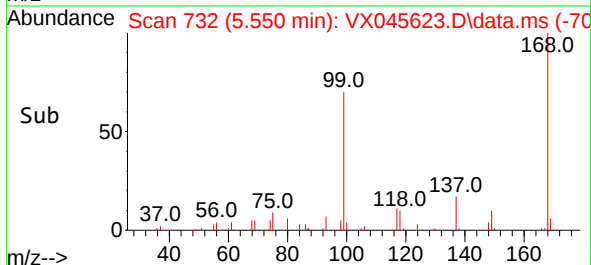
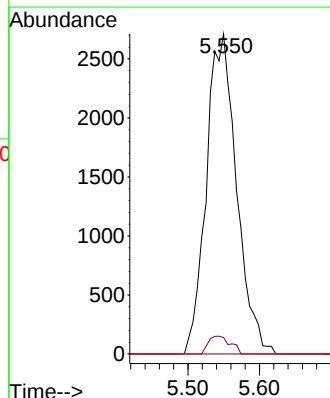
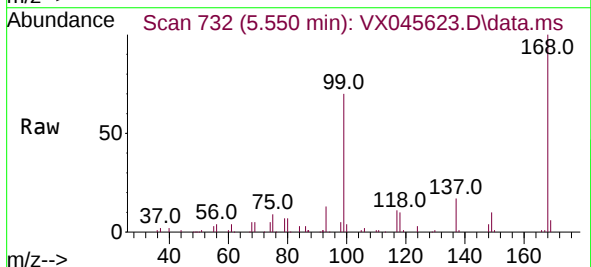
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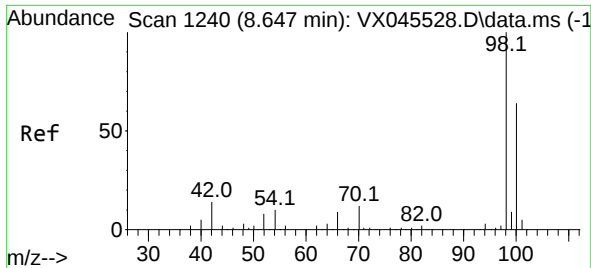
Tgt Ion: 75 Resp: 6913
Ion Ratio Lower Upper
75 100
110 9.9 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 117 Resp: 7960
Ion Ratio Lower Upper
117 100
119 5.2 76.9 115.3#
121 0.0 24.2 36.2#

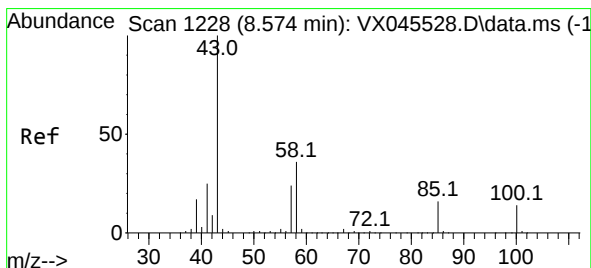
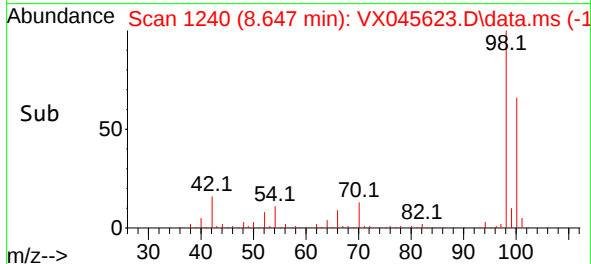
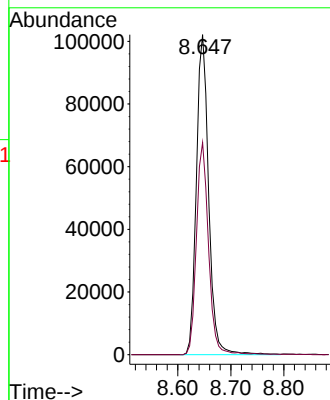
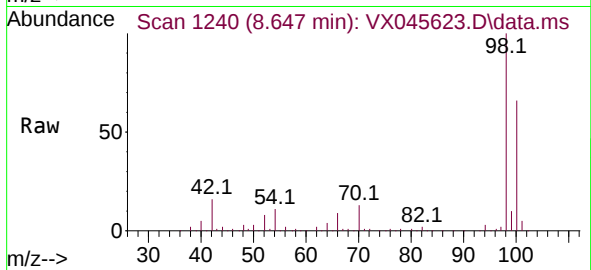




#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

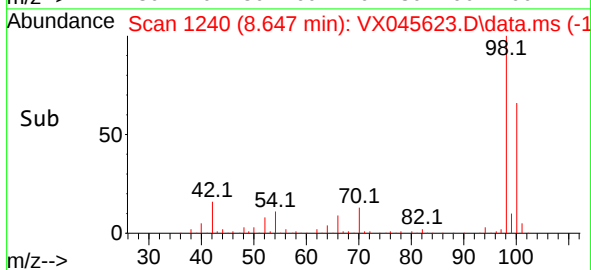
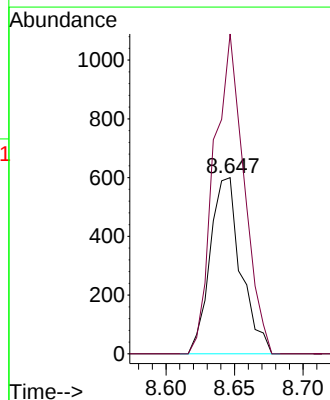
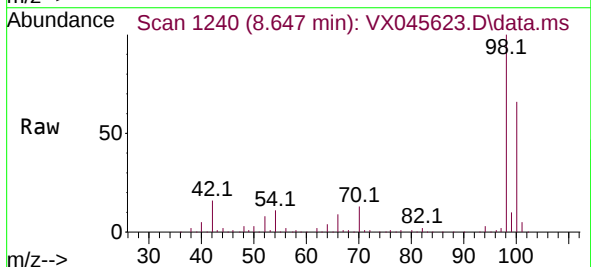
Instrument :
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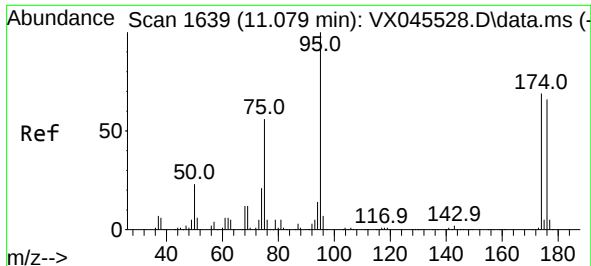
Tgt Ion: 98 Resp: 164082
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045623.D
Acq: 07 Apr 2025 12:56

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 177.2 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 50.556 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045623.D

Acq: 07 Apr 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

FB01-040425

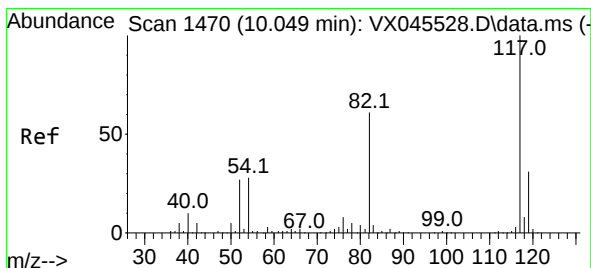
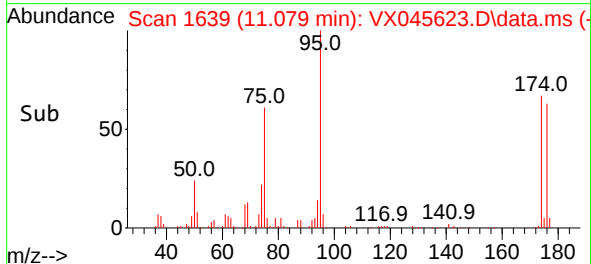
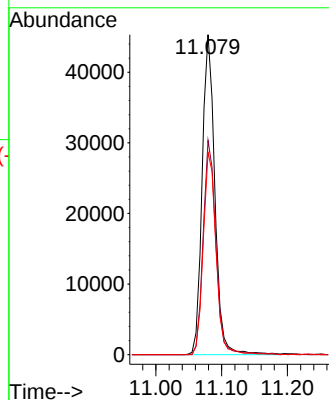
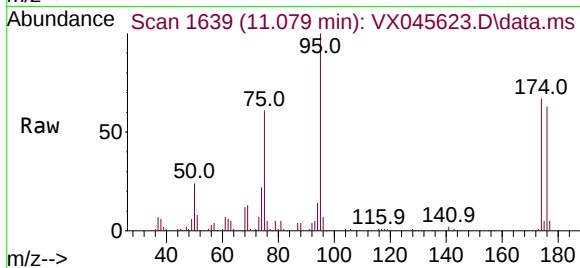
Tgt Ion: 95 Resp: 60987

Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.8

176 63.5 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045623.D

Acq: 07 Apr 2025 12:56

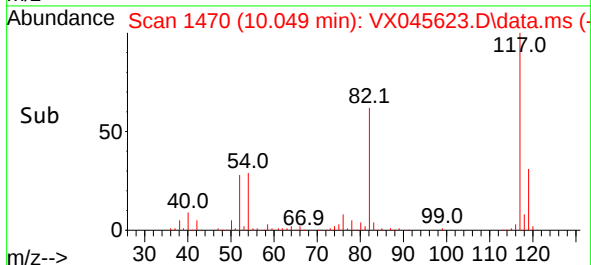
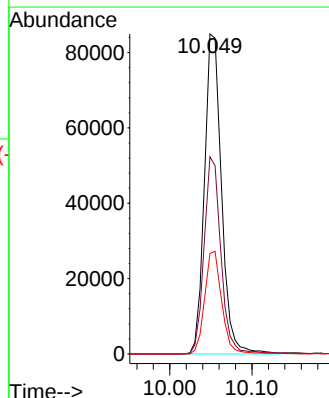
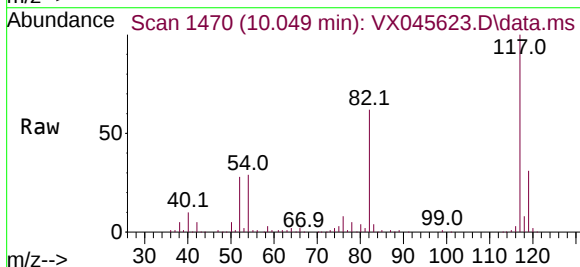
Tgt Ion: 117 Resp: 122752

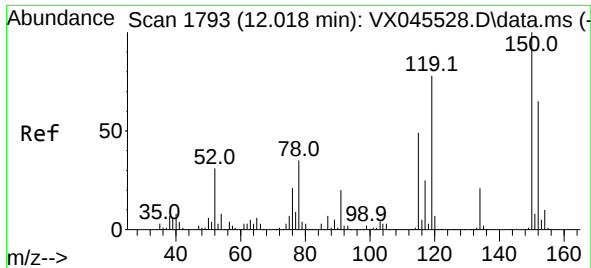
Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

119 31.4 25.1 37.7

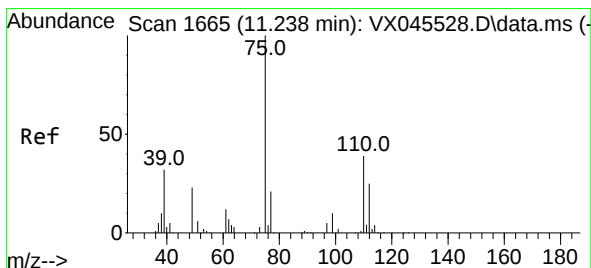
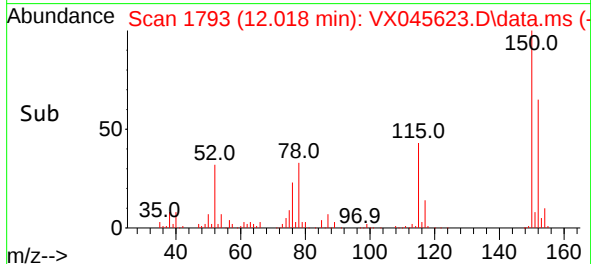
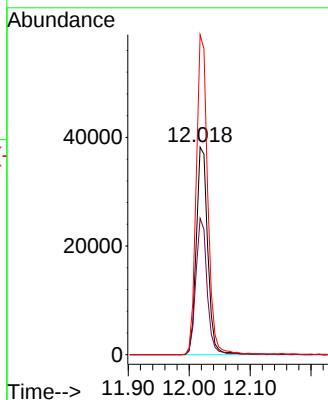
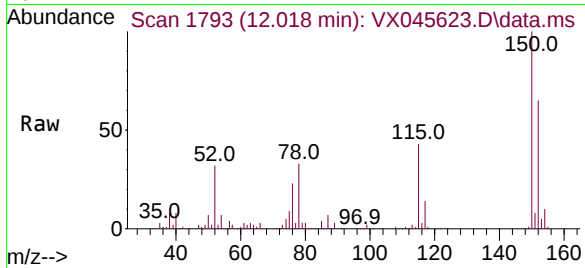




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045623.D
 Acq: 07 Apr 2025 12:56

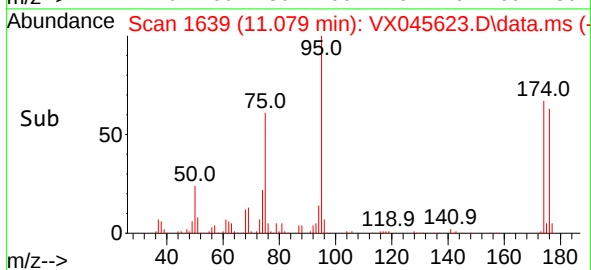
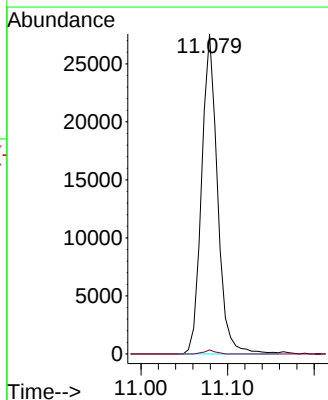
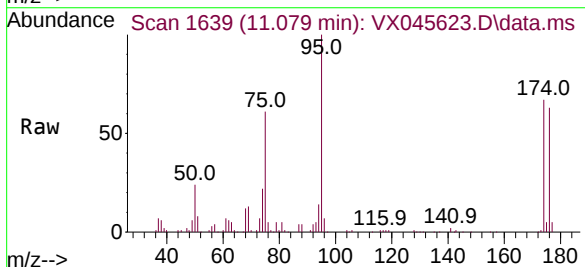
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-040425

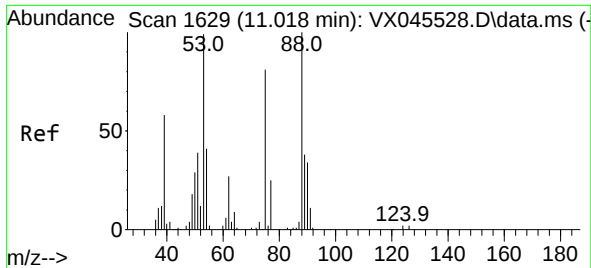
Tgt Ion:152 Resp: 49856
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 154.7 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.995 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045623.D
 Acq: 07 Apr 2025 12:56

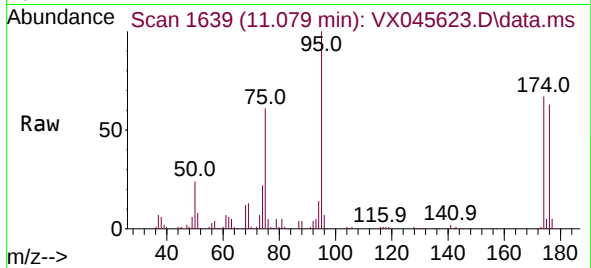
Tgt Ion: 75 Resp: 35261
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.406 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045623.D
 Acq: 07 Apr 2025 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-040425



Tgt Ion: 75 Resp: 35261
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

