

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045991.D
 Acq On : 30 Apr 2025 12:32
 Operator : JC/MD
 Sample : Q1914-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04282025

Quant Time: May 01 03:36:27 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)

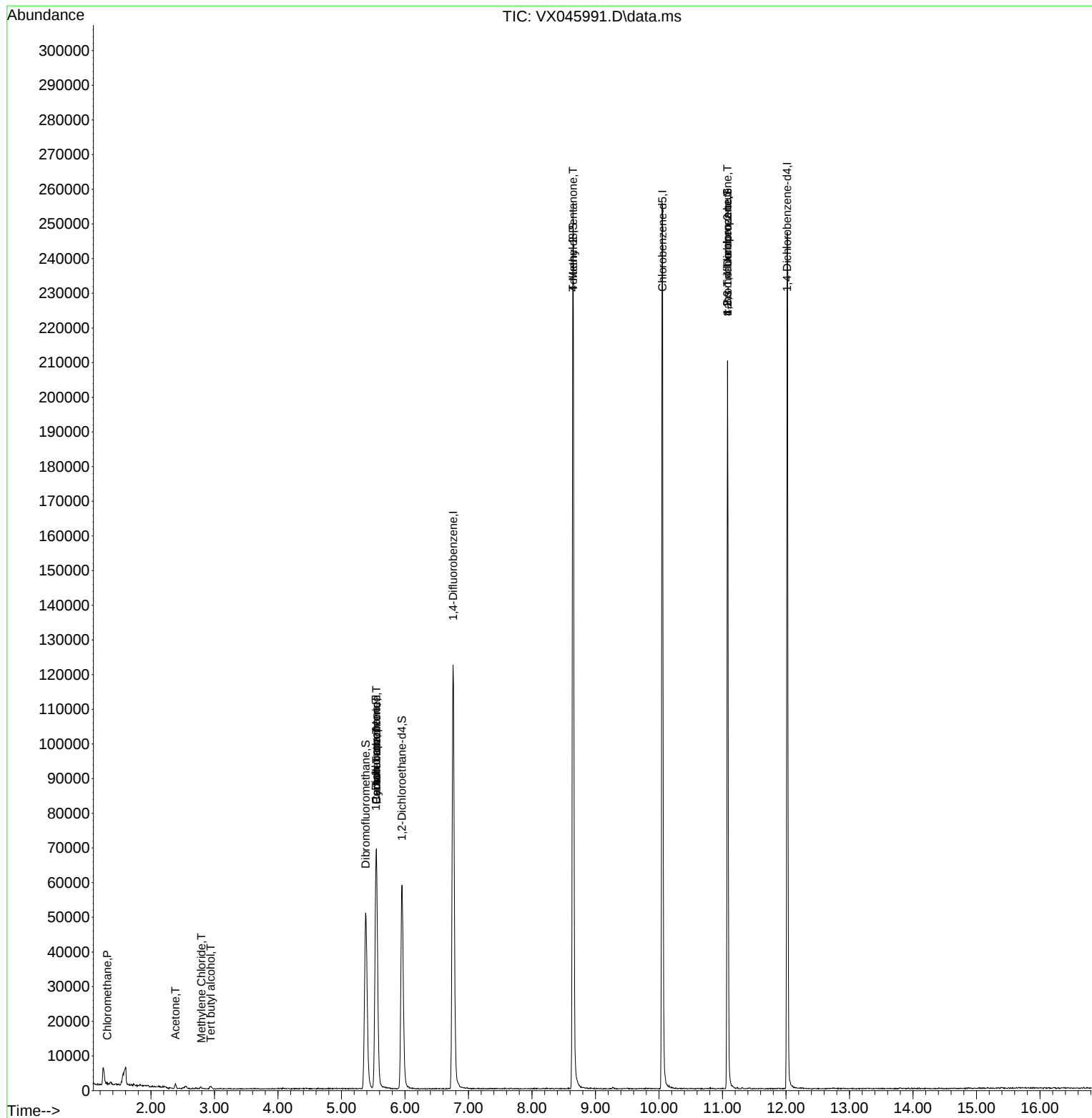
Internal Standards						
1) Pentafluorobenzene	5.550	168	59292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60175	55.497	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	5.379	113	43965	52.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	146264	50.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	54025	50.860	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.720%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	202	0.222	ug/l #	42
11) Tert butyl alcohol	2.941	59	395	2.711	ug/l #	72
16) Acetone	2.386	43	1198	2.691	ug/l #	69
20) Methylene Chloride	2.794	84	226	0.271	ug/l #	45
31) Cyclohexane	5.550	56	1797	1.351	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	6100	5.407	ug/l #	49
38) Carbon Tetrachloride	5.550	117	6965	5.713	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	763	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31319	27.823	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31319	94.429	ug/l #	1

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

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MSVOA_X
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FB04282025

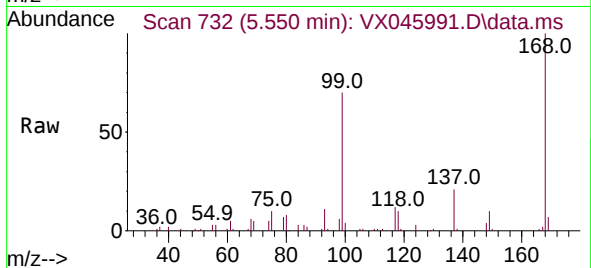
Quant Time: May 01 03:36:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



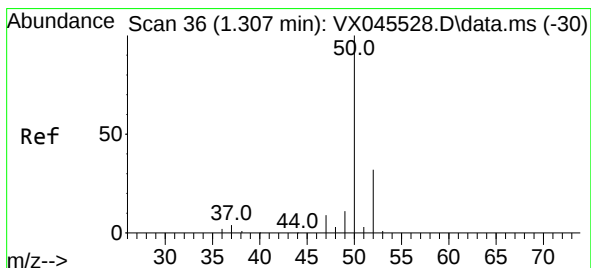
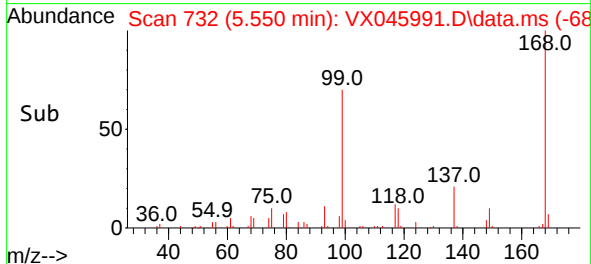
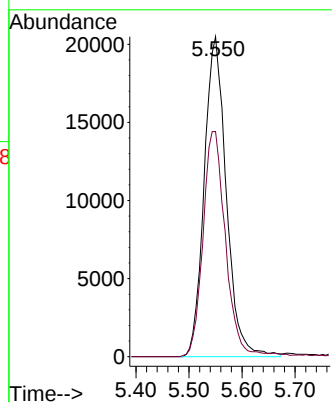


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

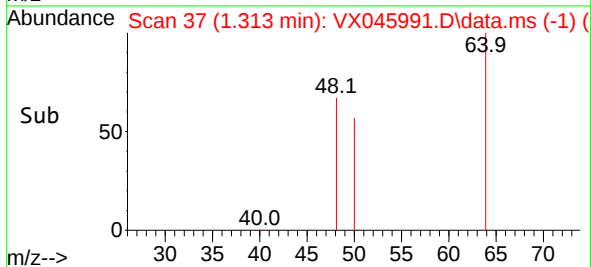
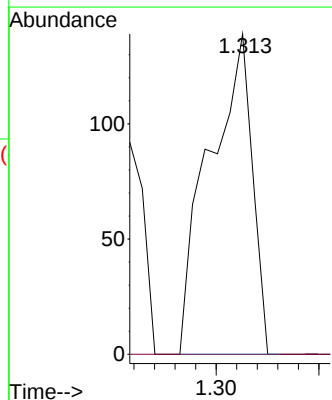
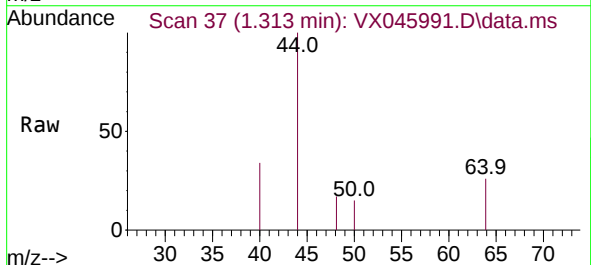


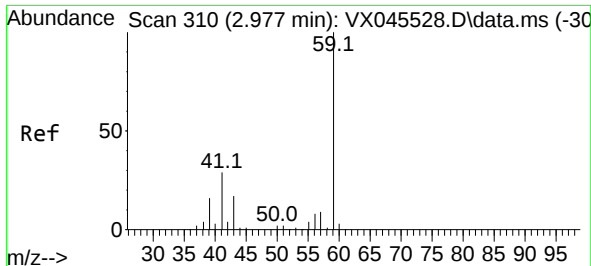
Tgt Ion:168 Resp: 59292
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.711 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.036 min

Lab File: VX045991.D

Acq: 30 Apr 2025 12:32

Instrument :

MSVOA_X

ClientSampleId :

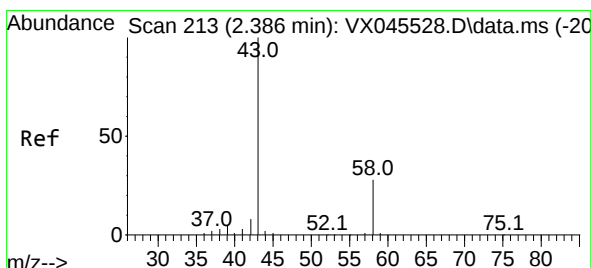
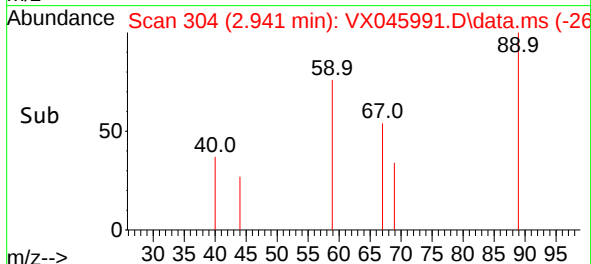
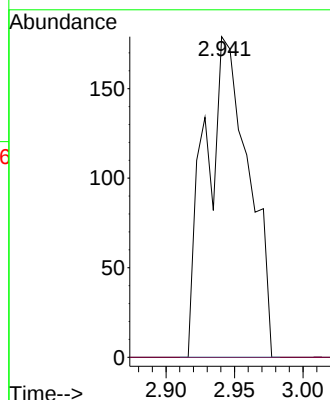
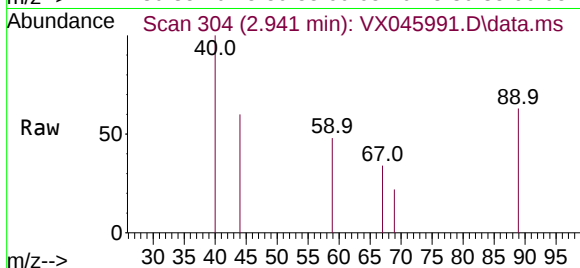
FB04282025

Tgt Ion: 59 Resp: 395

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 2.691 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045991.D

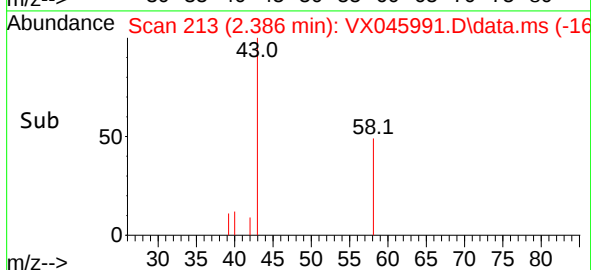
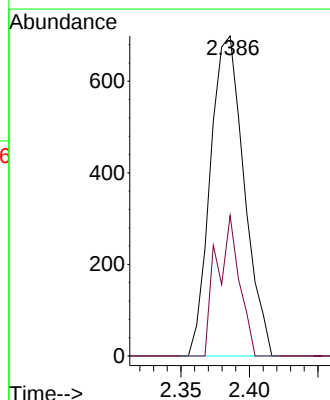
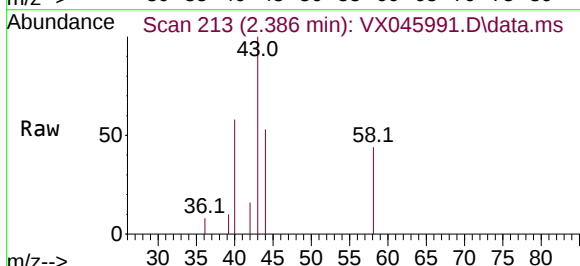
Acq: 30 Apr 2025 12:32

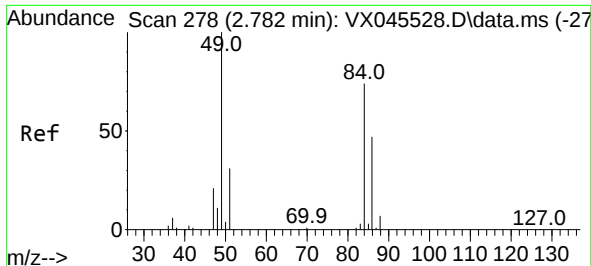
Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

58 43.9 22.3 33.5#

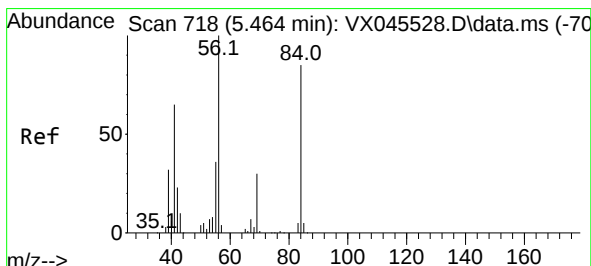
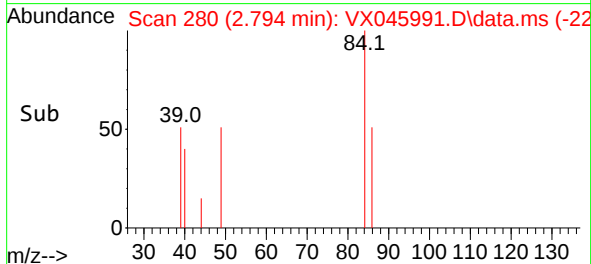
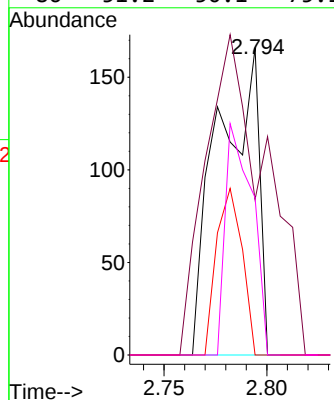
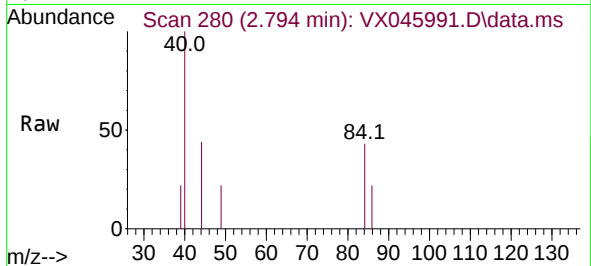




#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

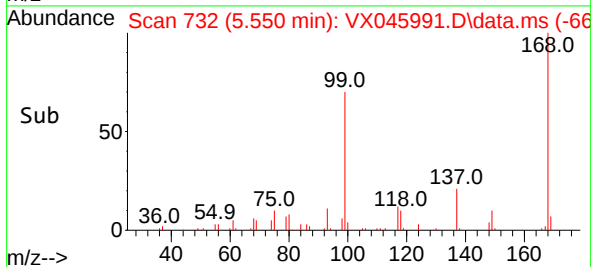
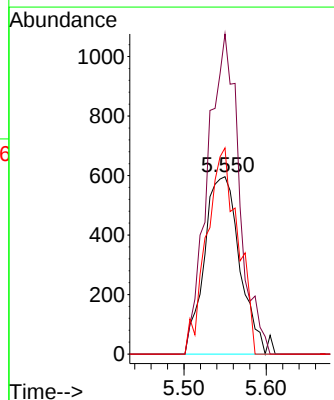
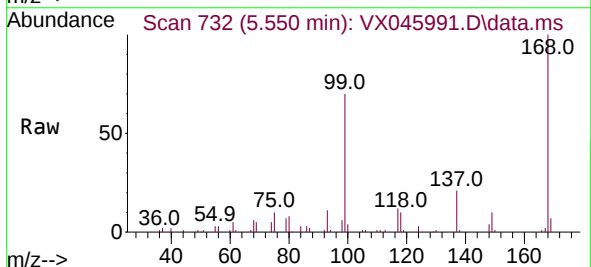
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

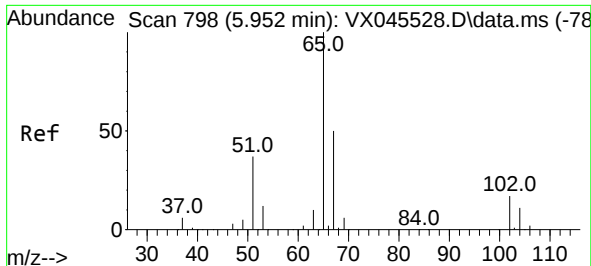
Tgt Ion: 84	Resp: 226
Ion Ratio	Lower Upper
84 100	
49 50.6	107.5 161.3#
51 0.0	33.0 49.6#
86 51.2	50.1 75.1



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 56	Resp: 1797		
Ion Ratio	Lower	Upper	
56	100		
69	180.5	23.6	35.4#
84	116.3	67.7	101.5#

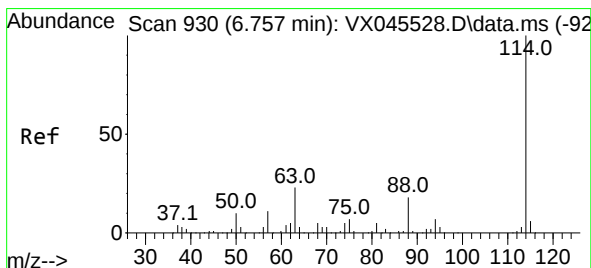
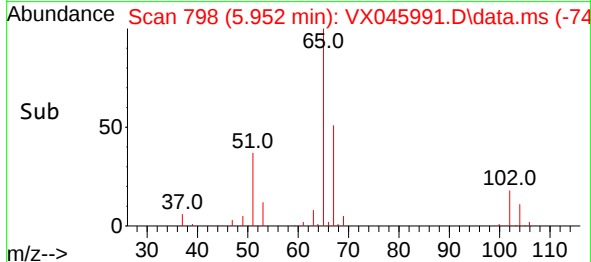
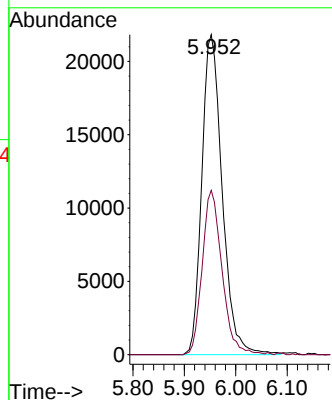
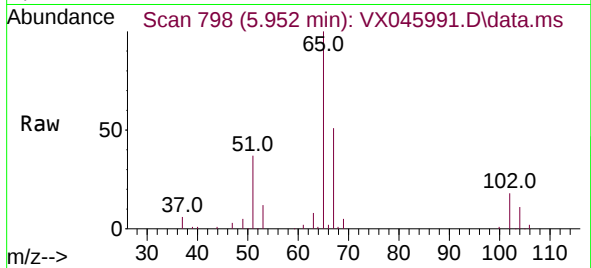




#33
 1,2-Dichloroethane-d4
 Concen: 55.497 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045991.D
 Acq: 30 Apr 2025 12:32

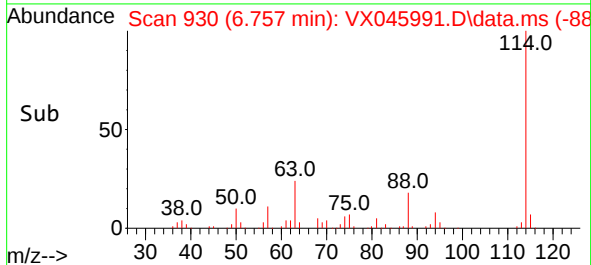
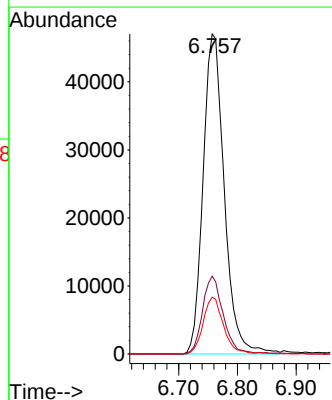
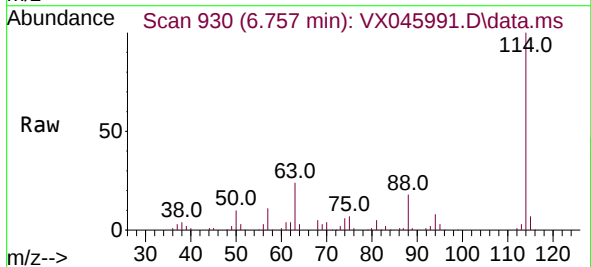
Instrument :
 MSVOA_X
 ClientSampleId :
 FB04282025

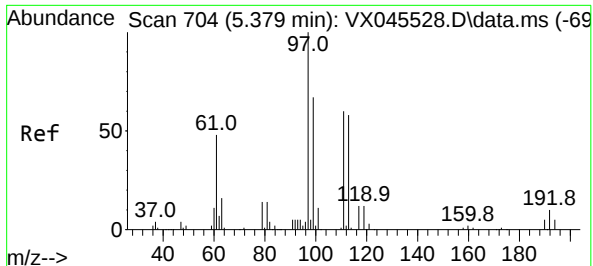
Tgt Ion: 65 Resp: 60175
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045991.D
 Acq: 30 Apr 2025 12:32

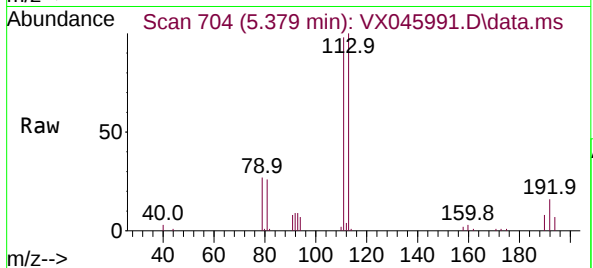
Tgt Ion: 114 Resp: 117758
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.8
 88 17.8 0.0 35.4



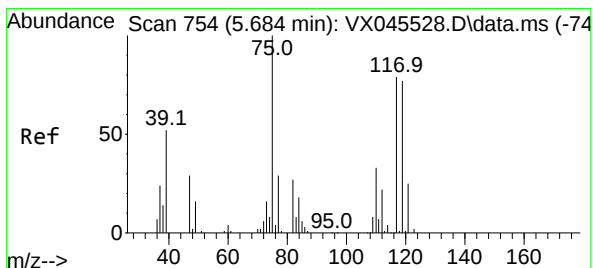
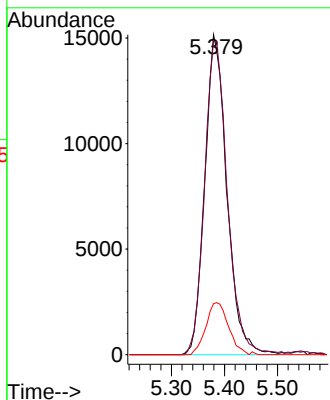
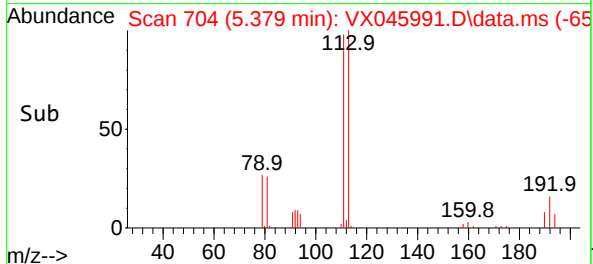


#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

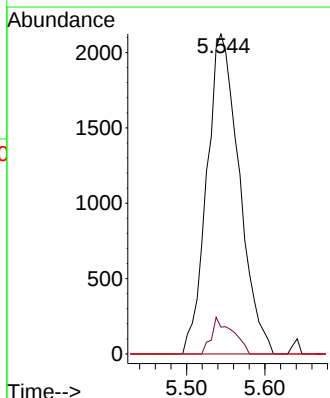
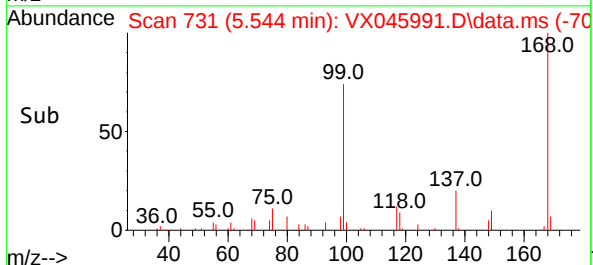
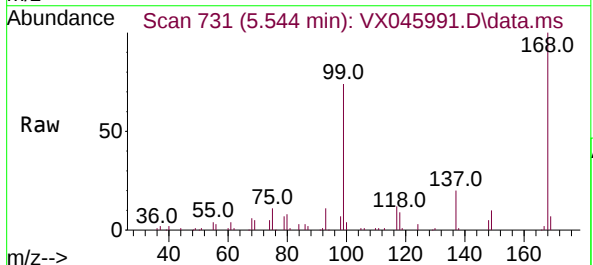


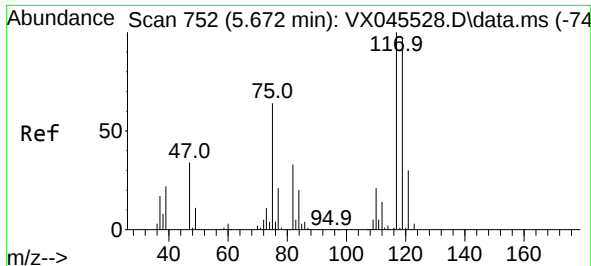
Tgt Ion:113 Resp: 43965
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.5 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.407 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

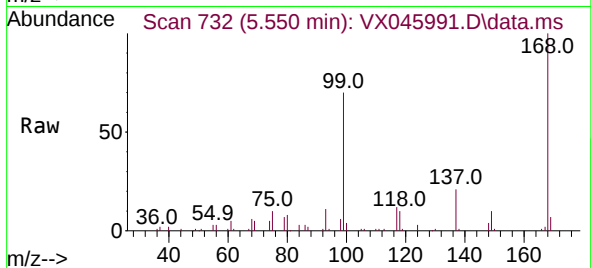
Tgt Ion: 75 Resp: 6100
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.6#
77 0.0 25.0 37.4#



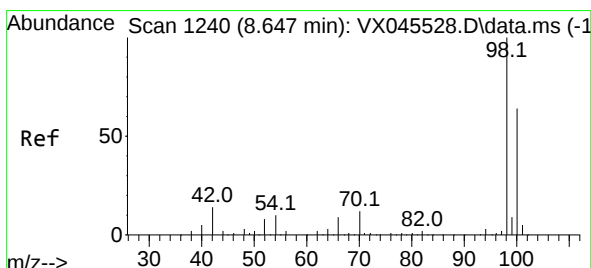
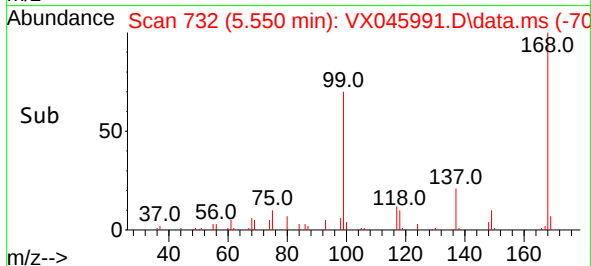
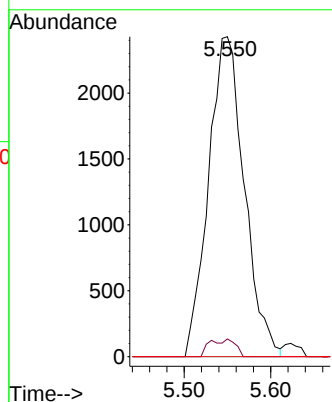


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

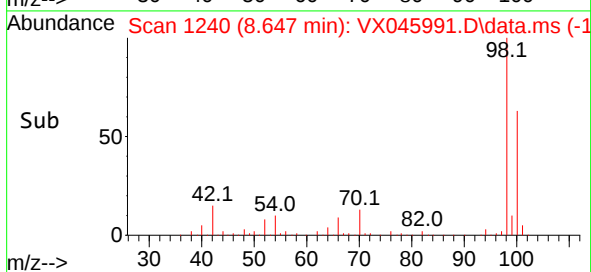
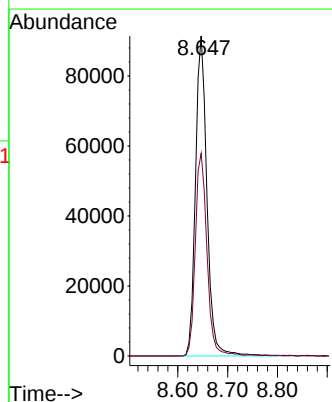
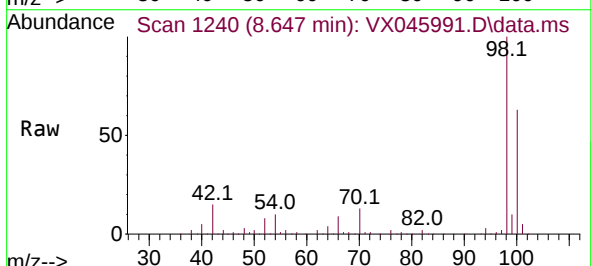


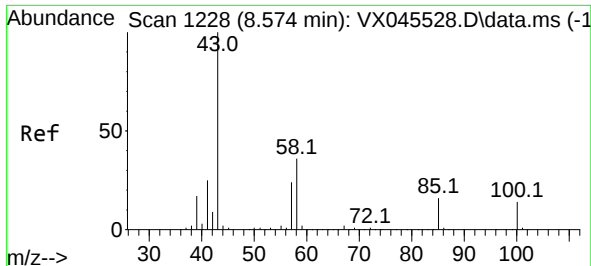
Tgt Ion:117 Resp: 6965
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.156 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 98 Resp: 146264
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX045991.D

Acq: 30 Apr 2025 12:32

Instrument :

MSVOA_X

ClientSampleId :

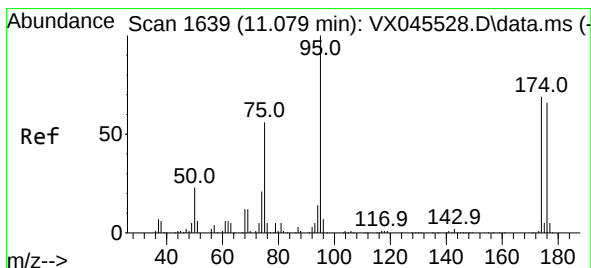
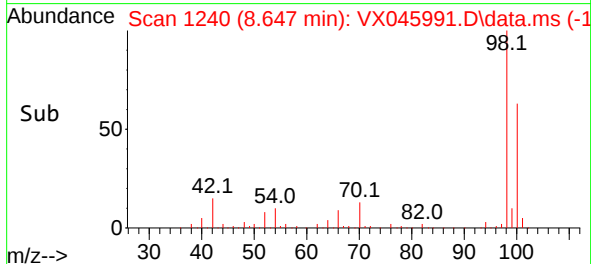
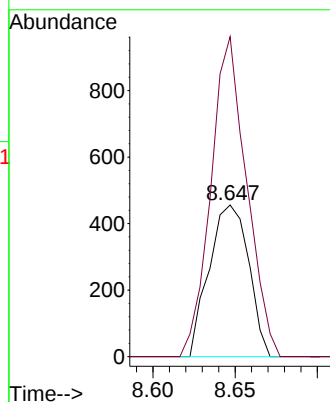
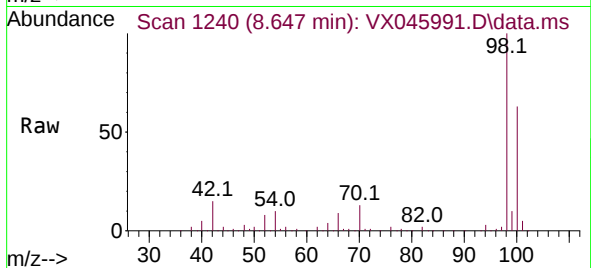
FB04282025

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

58 190.8 28.5 42.7#



#62

4-Bromofluorobenzene

Concen: 50.860 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045991.D

Acq: 30 Apr 2025 12:32

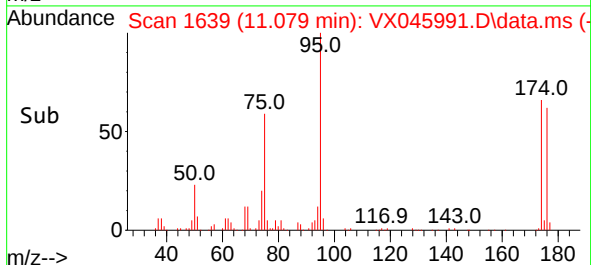
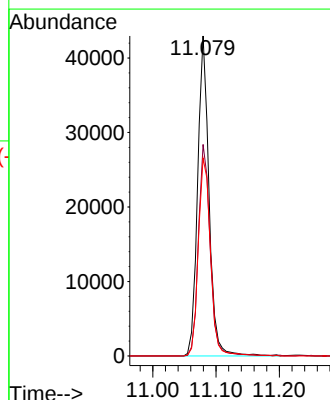
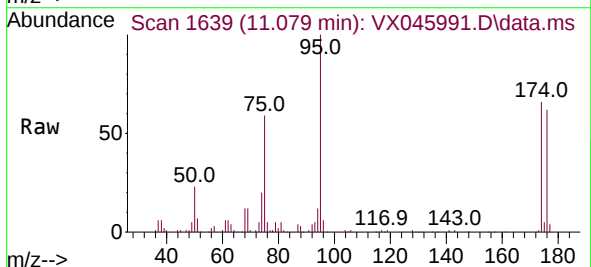
Tgt Ion: 95 Resp: 54025

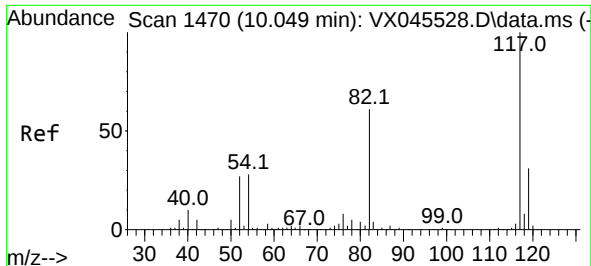
Ion Ratio Lower Upper

95 100

174 67.9 0.0 135.8

176 66.3 0.0 131.4

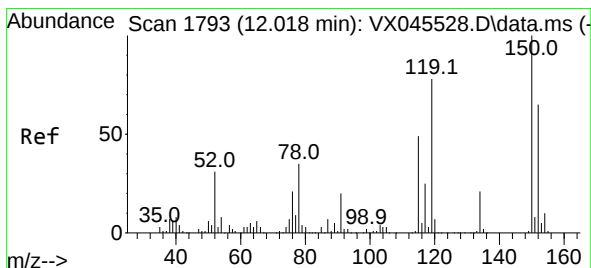
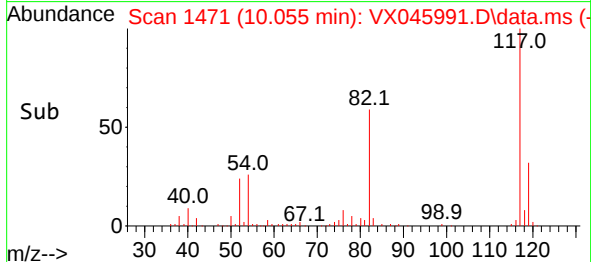
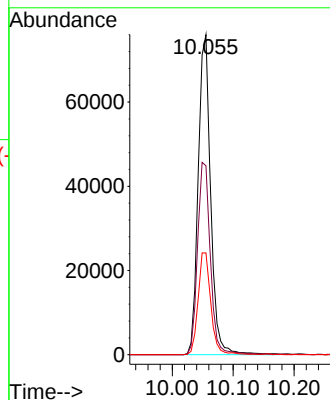
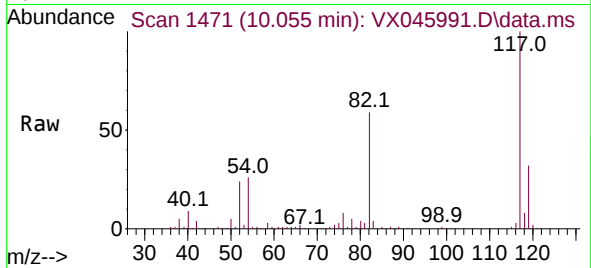




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

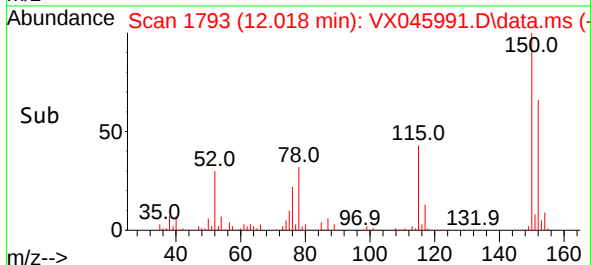
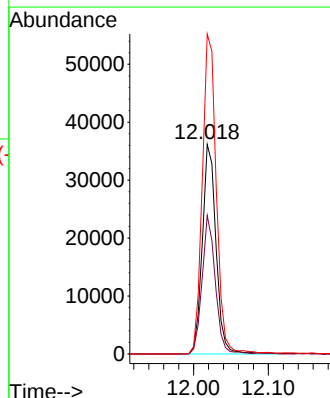
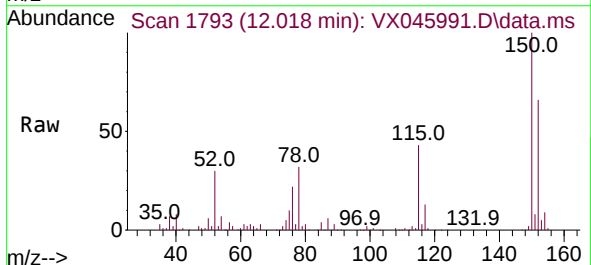
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

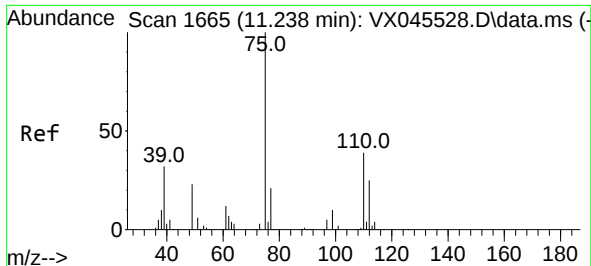
Tgt Ion:117 Resp: 108001
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:152 Resp: 46147
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 156.0 0.0 349.4

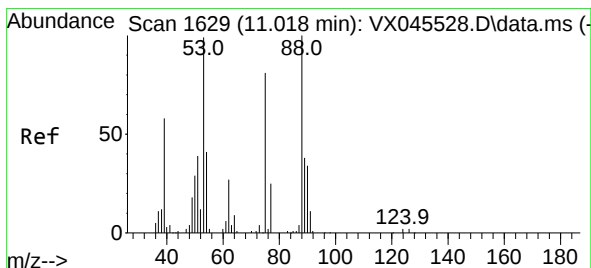
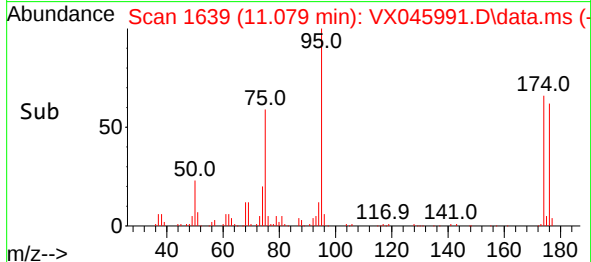
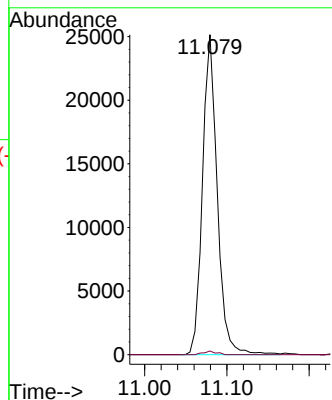
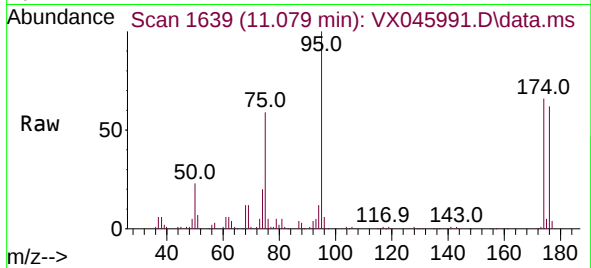




#76
1,2,3-Trichloropropane
Concen: 27.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion: 75 Resp: 31319
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 75 Resp: 31319
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.2 37.2 55.8#

