

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045714.D
 Acq On : 11 Apr 2025 03:59
 Operator : JC/MD
 Sample : VX0410WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBL02

Quant Time: Apr 11 04:41:44 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)

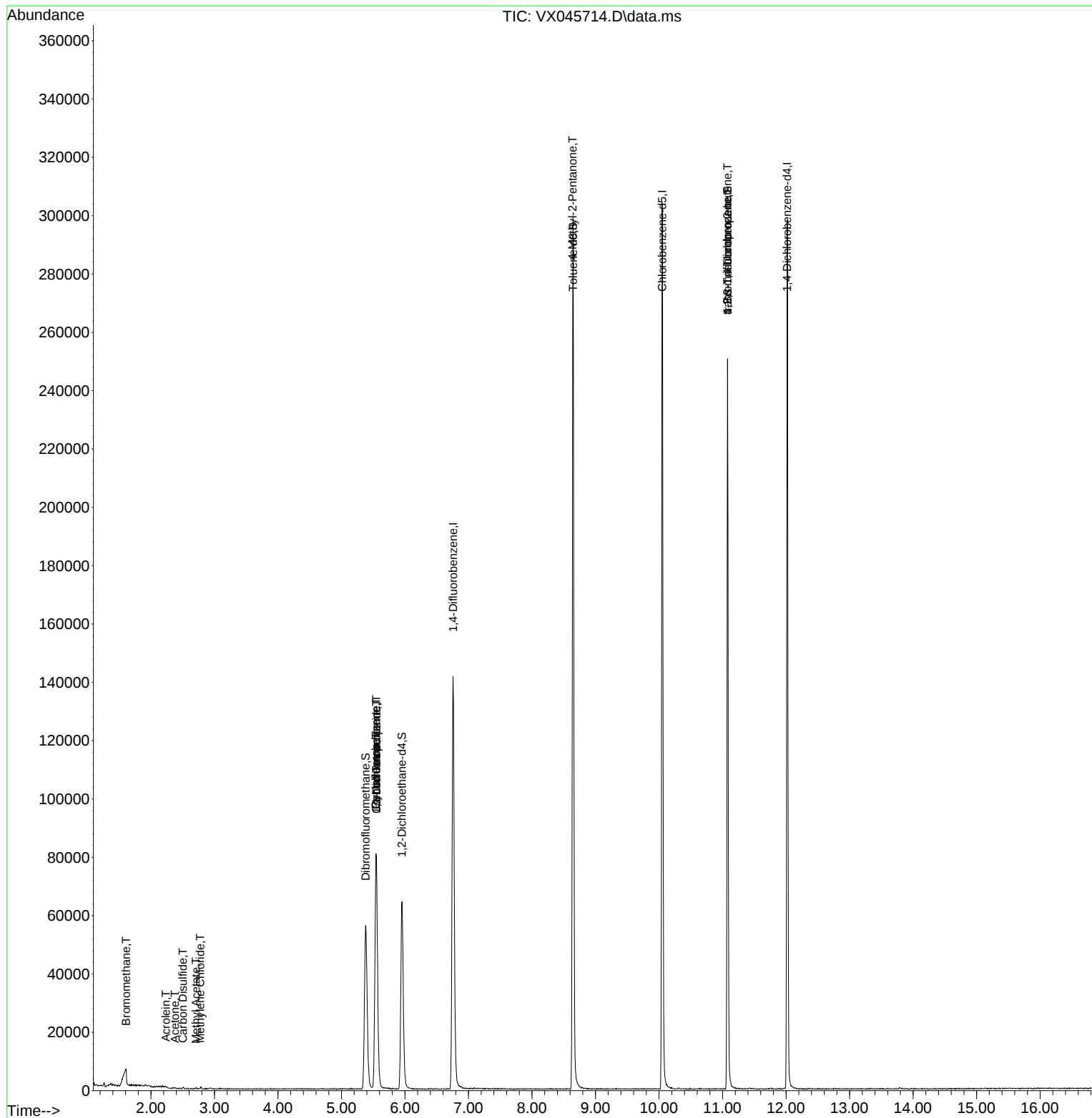
Internal Standards						
1) Pentafluorobenzene	5.544	168	68793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66802	53.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	49276	51.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	8.647	98	167969	50.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	64311	53.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.200%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	160	0.349	ug/l #	51
13) Acrolein	2.233	56	72	0.309	ug/l	99
16) Acetone	2.380	43	447	0.865	ug/l #	47
17) Carbon Disulfide	2.502	76	473	0.232	ug/l #	76
18) Methyl Acetate	2.709	43	382	0.321	ug/l #	54
20) Methylene Chloride	2.776	84	244	0.252	ug/l #	71
31) Cyclohexane	5.544	56	2128	1.379	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	7173	5.577	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7952	5.721	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1047	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37652	27.836	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37652	94.472	ug/l #	1

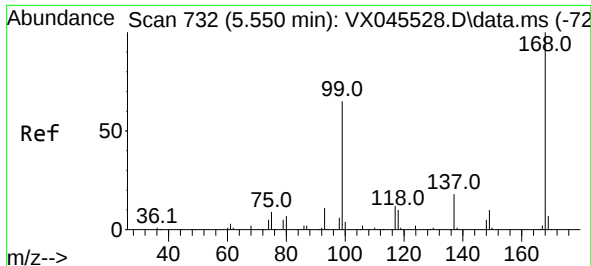
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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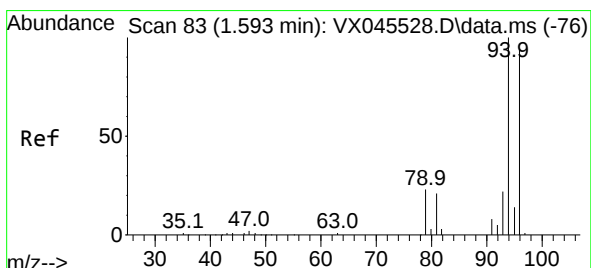
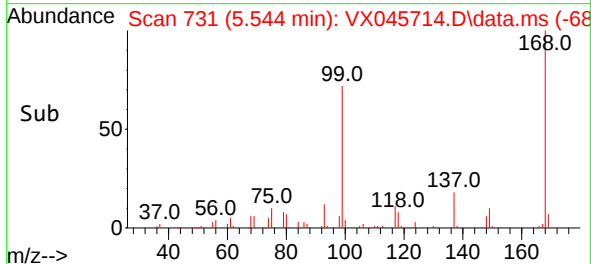
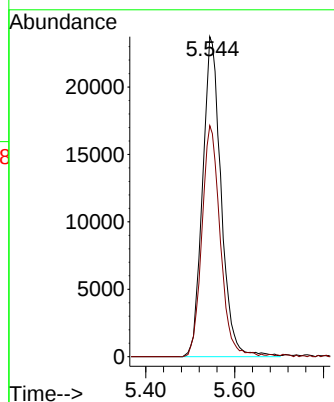
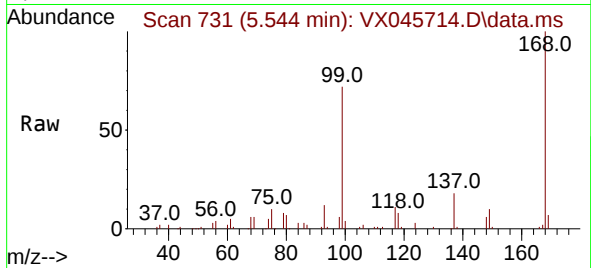




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

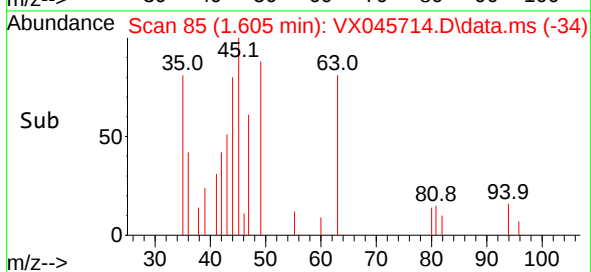
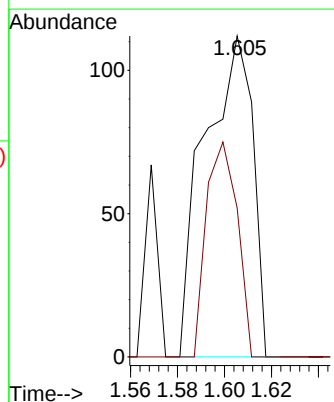
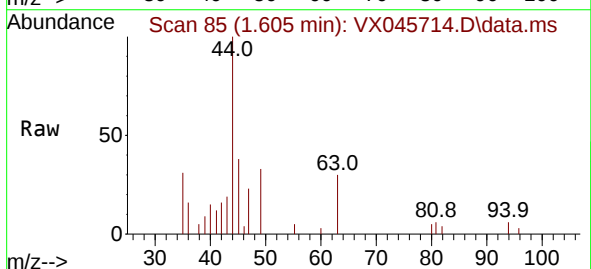
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

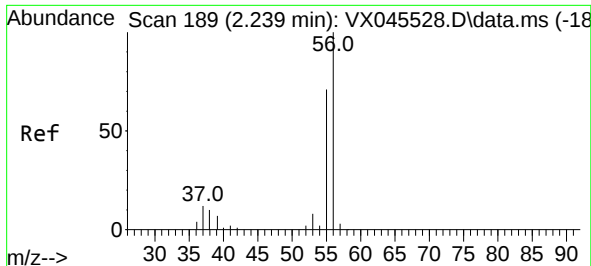
Tgt Ion:168 Resp: 68793
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#5
Bromomethane
Concen: 0.349 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 46.4 74.8 112.2#

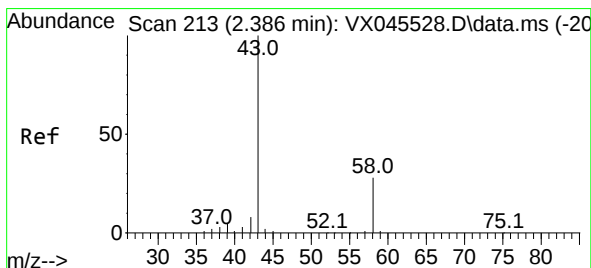
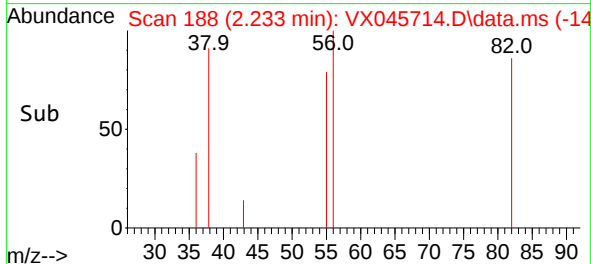
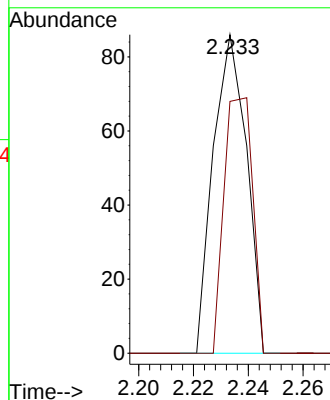
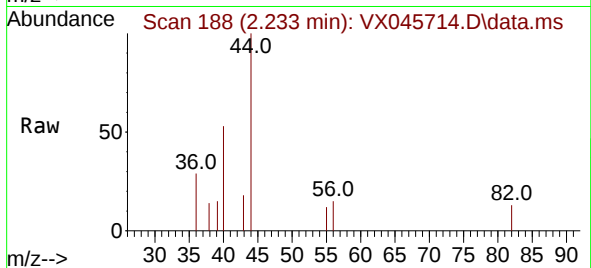




#13
Acrolein
Concen: 0.309 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

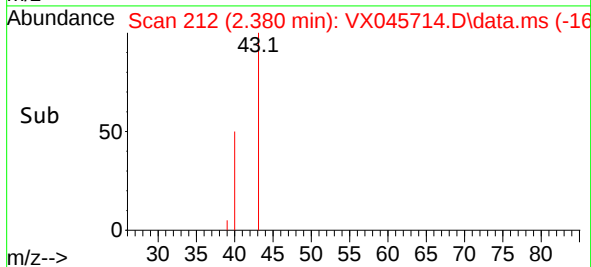
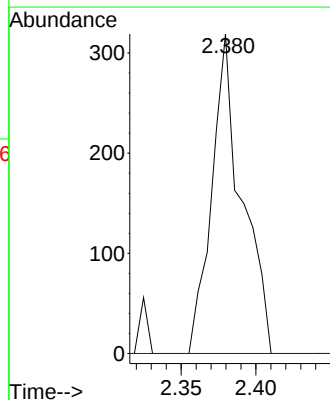
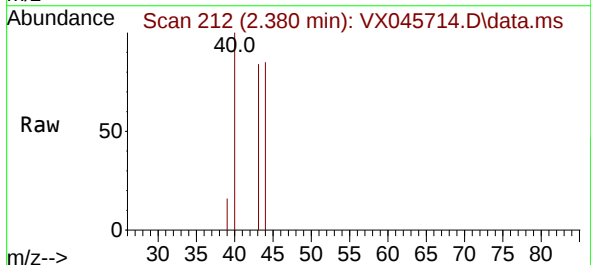
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

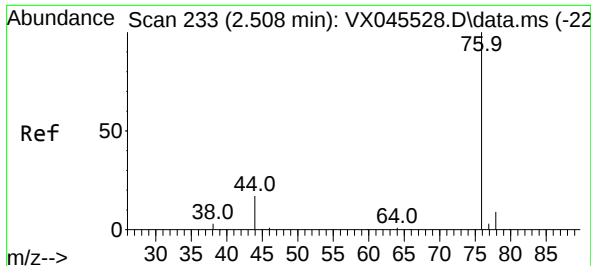
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 69.4 56.2 84.2



#16
Acetone
Concen: 0.865 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

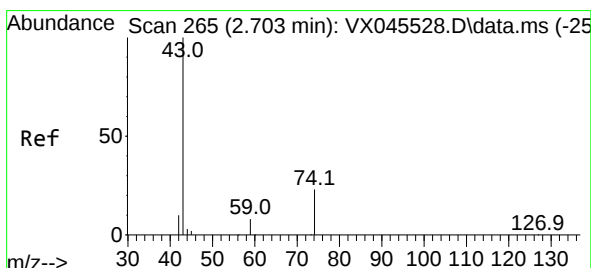
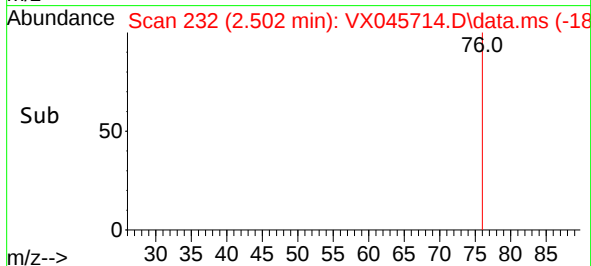
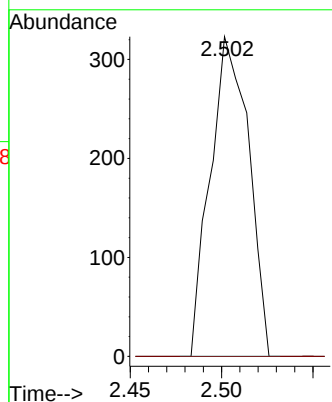
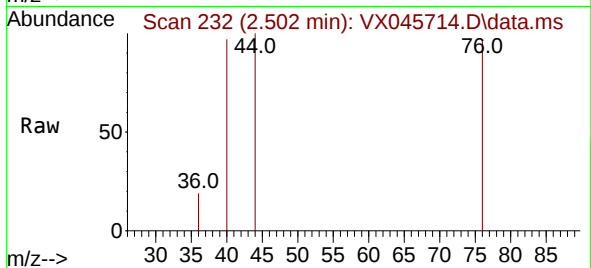




#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

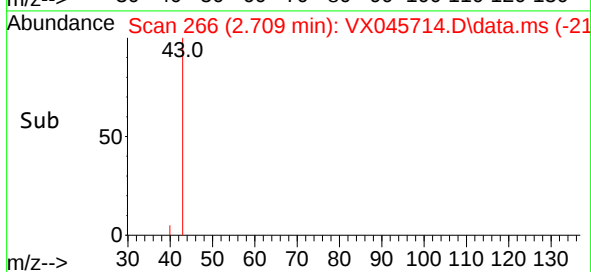
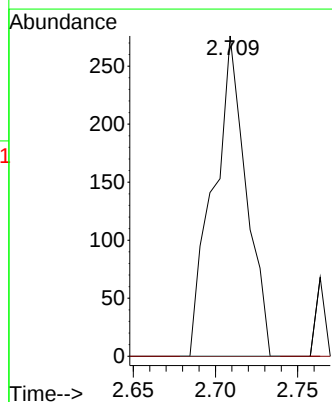
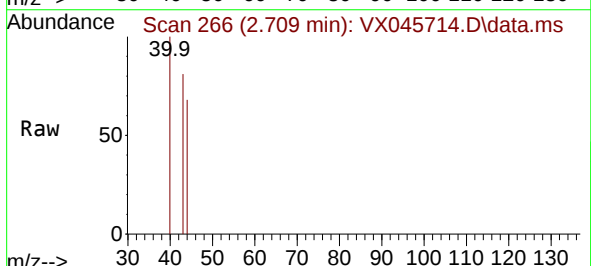
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

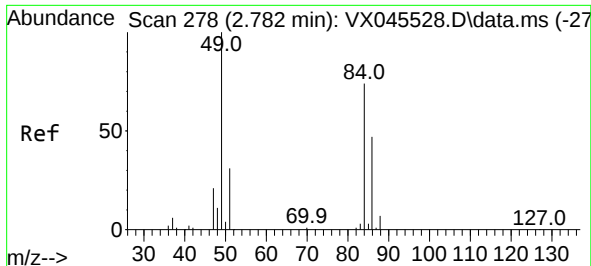
Tgt Ion: 76 Resp: 473
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

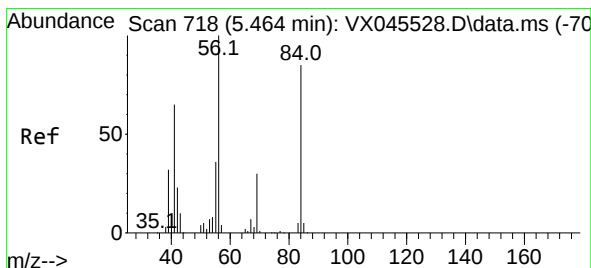
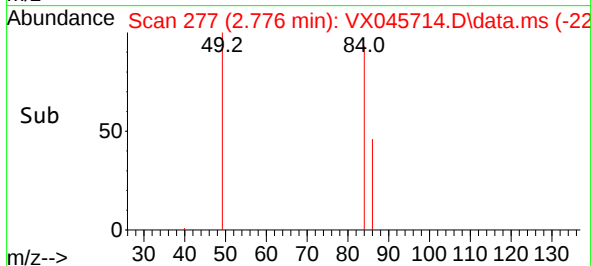
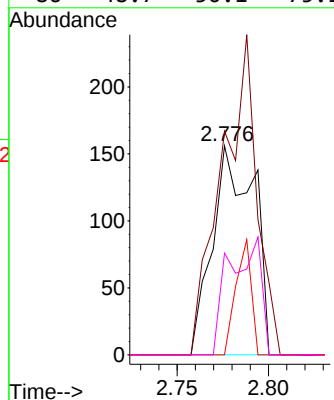
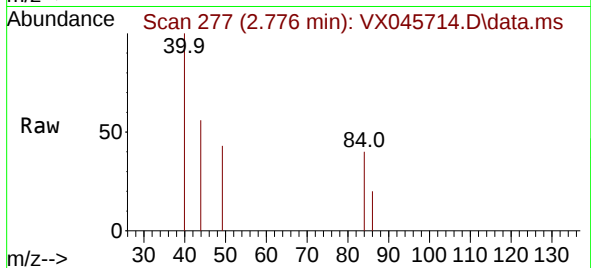




#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

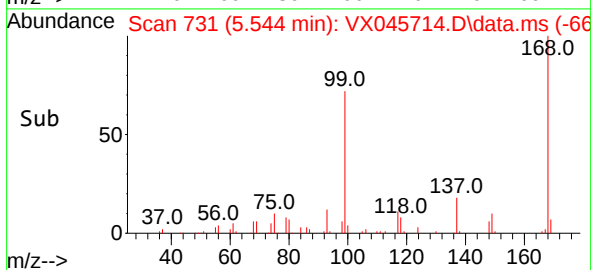
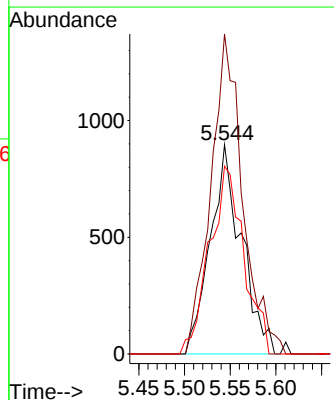
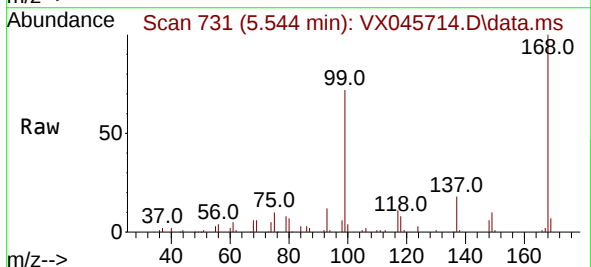
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

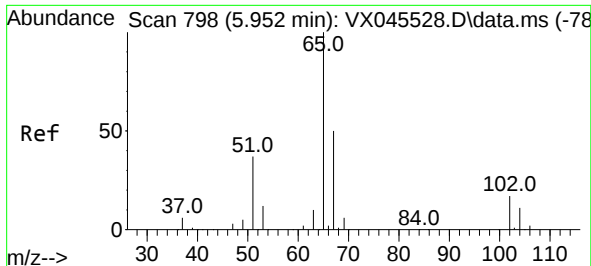
Tgt Ion:	84	Resp:	244
Ion	Ratio	Lower	Upper
84	100		
49	107.1	107.5	161.3#
51	0.0	33.0	49.6#
86	48.7	50.1	75.1#



#31
Cyclohexane
Concen: 1.379 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:	56	Resp:	2128
Ion	Ratio	Lower	Upper
56	100		
69	152.8	23.6	35.4#
84	89.7	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 53.100 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

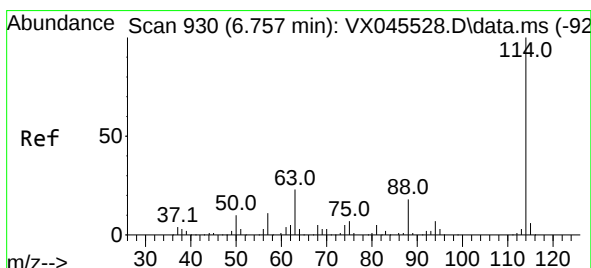
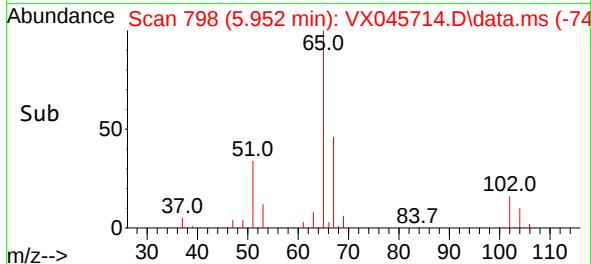
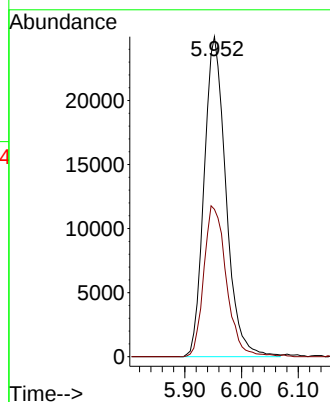
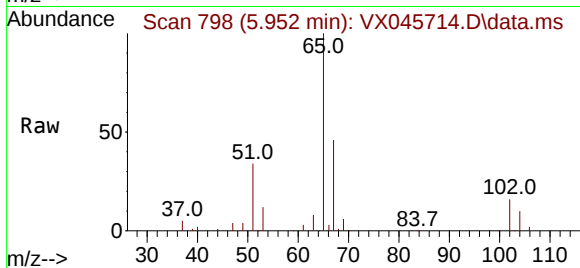
VX0410WBL02

Tgt Ion: 65 Resp: 66802

Ion Ratio Lower Upper

65 100

67 48.6 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: VX045714.D

Acq: 11 Apr 2025 03:59

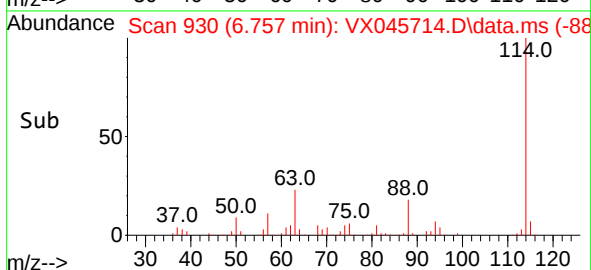
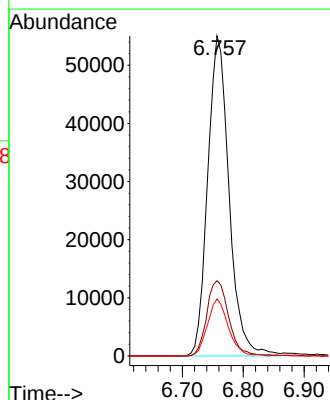
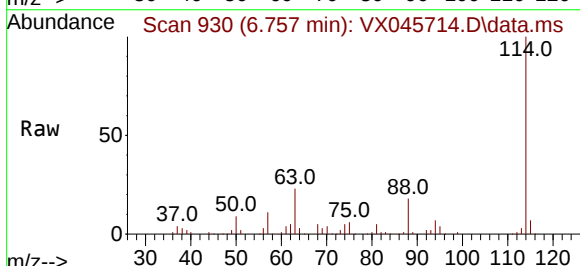
Tgt Ion: 114 Resp: 134259

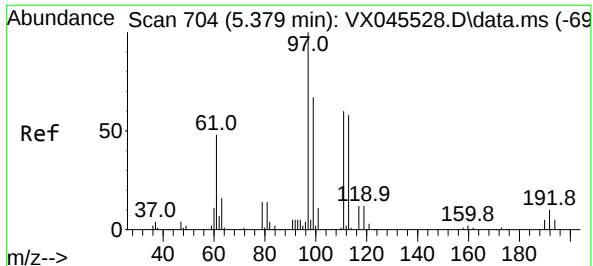
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

88 17.8 0.0 35.4

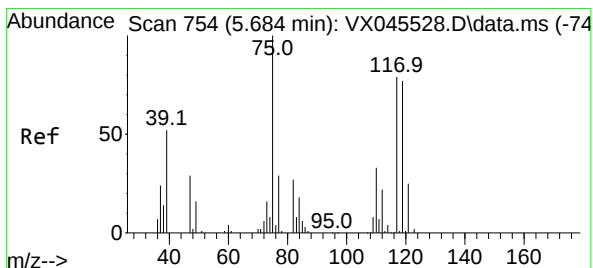
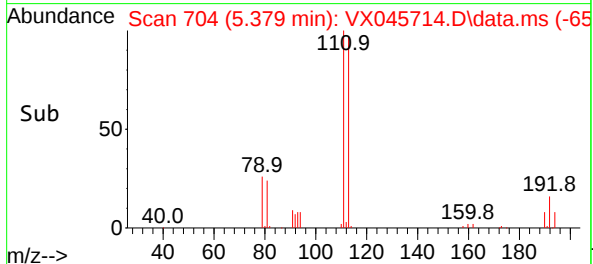
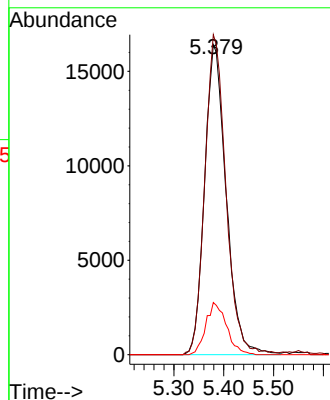
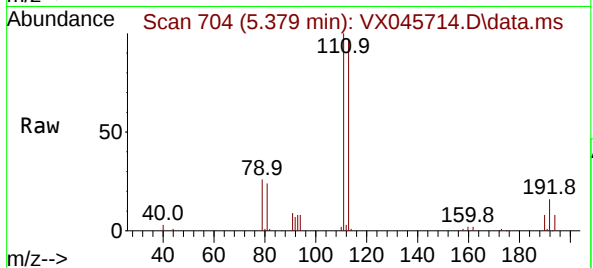




#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

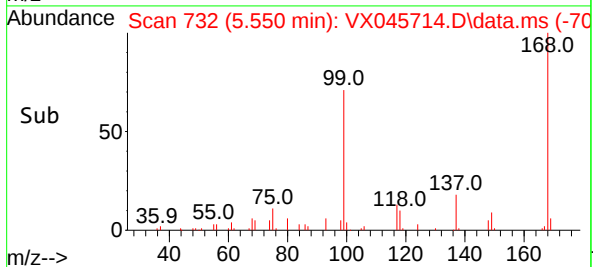
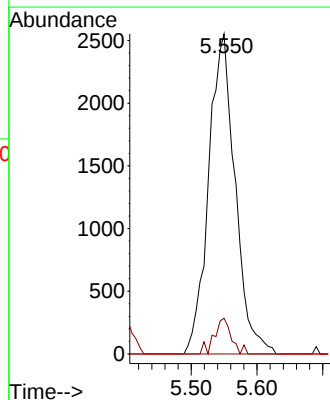
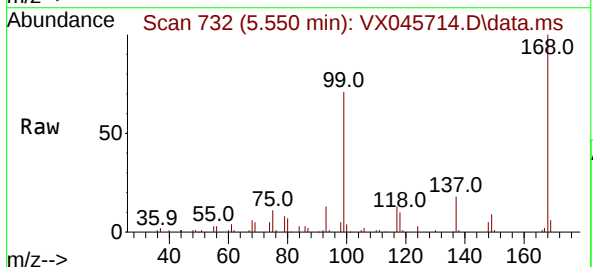
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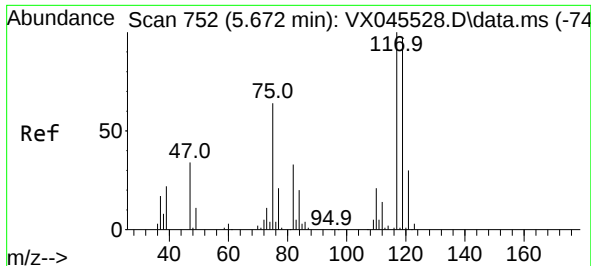
Tgt Ion:113 Resp: 49276
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.6
192 16.2 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.577 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

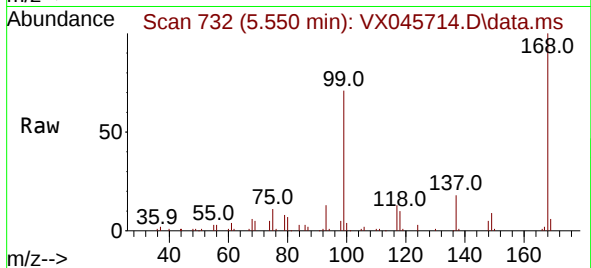
Tgt Ion: 75 Resp: 7173
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 25.0 37.4#



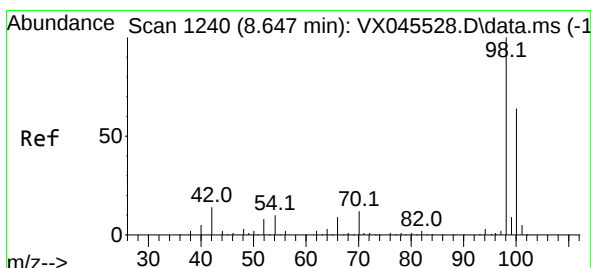
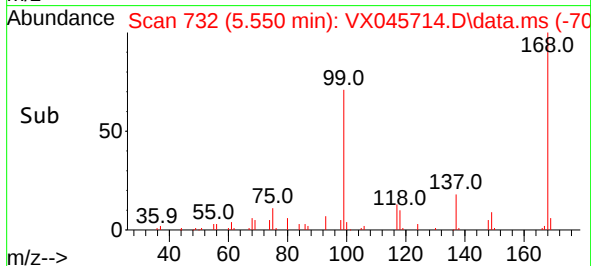
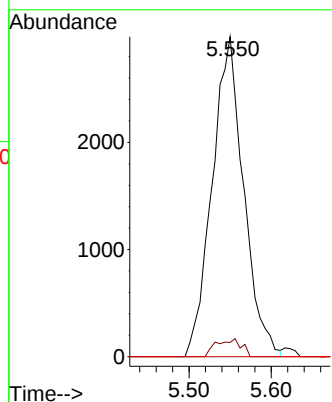


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

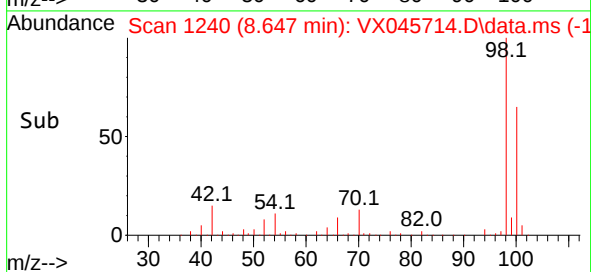
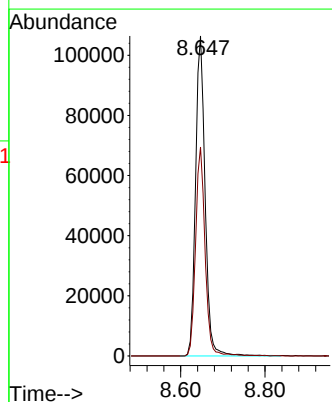
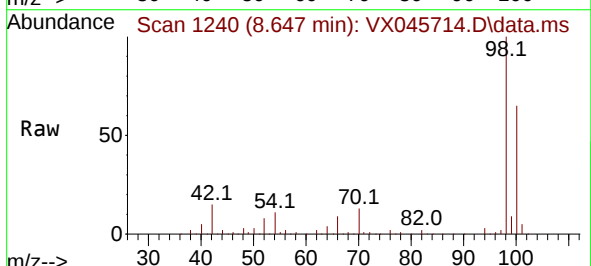


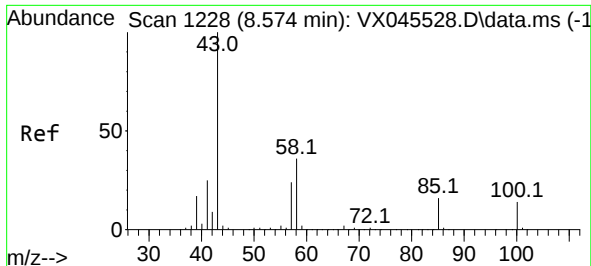
Tgt Ion:117 Resp: 7952
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 98 Resp: 167969
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

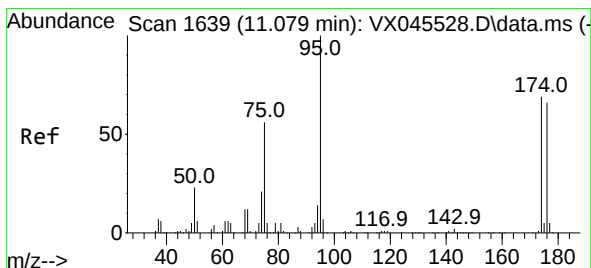
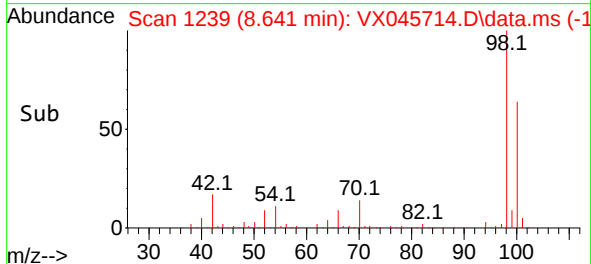
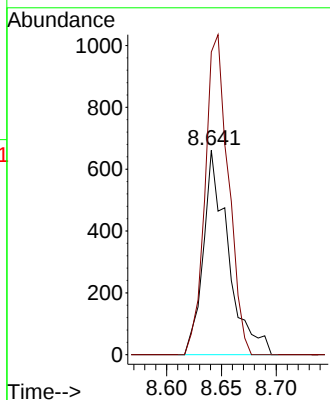
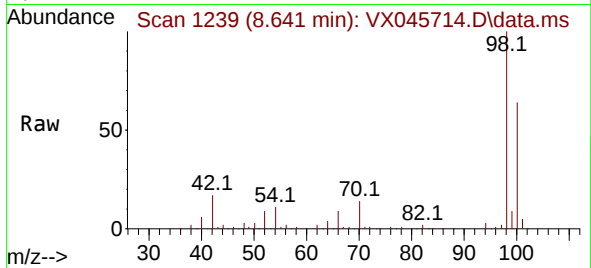




#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

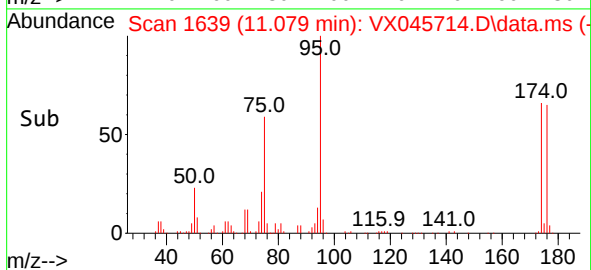
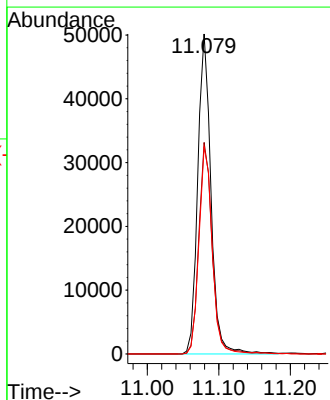
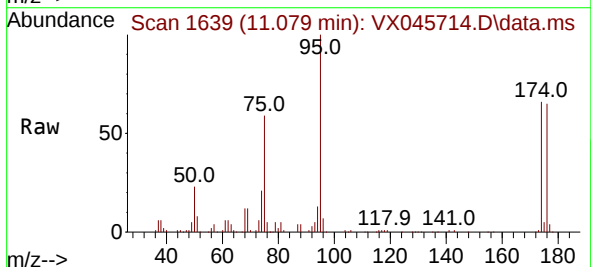
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

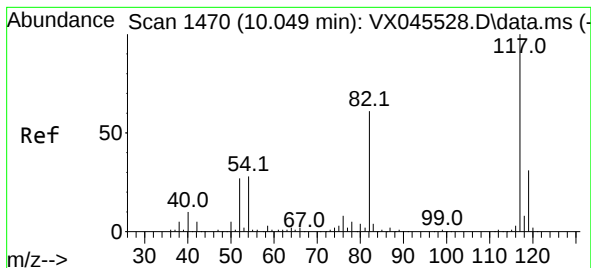
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 146.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 95 Resp: 64311
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.5 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: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBL02

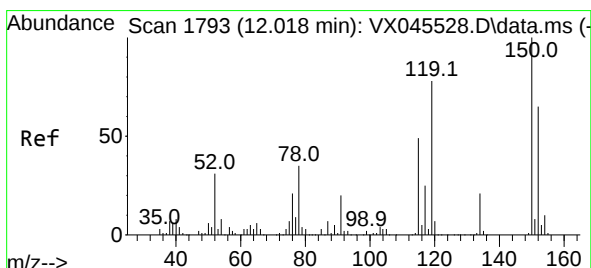
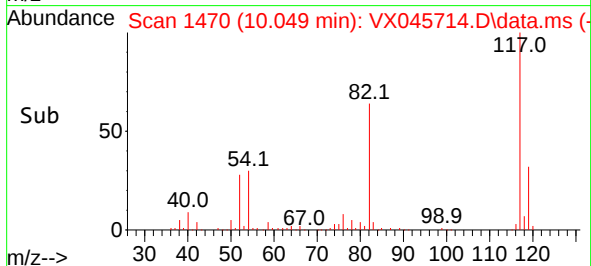
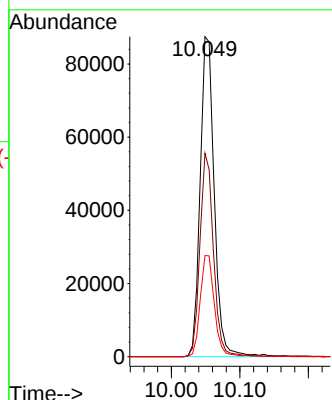
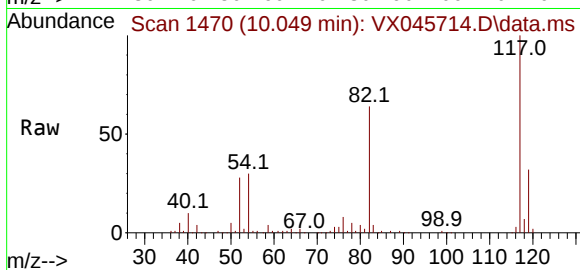
Tgt Ion:117 Resp: 125713

Ion Ratio Lower Upper

117 100

82 63.6 49.2 73.8

119 31.6 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: VX045714.D

Acq: 11 Apr 2025 03:59

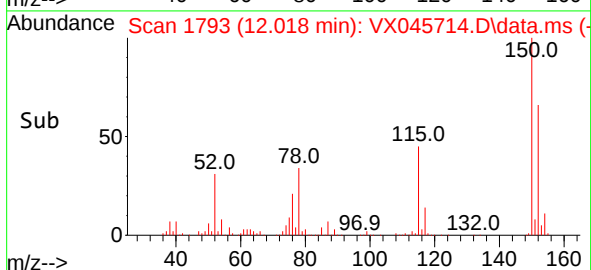
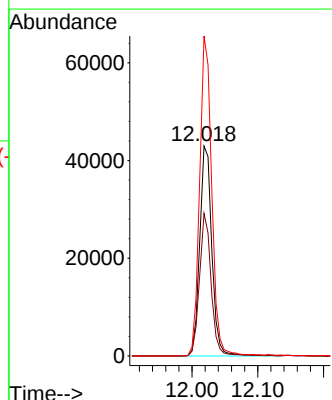
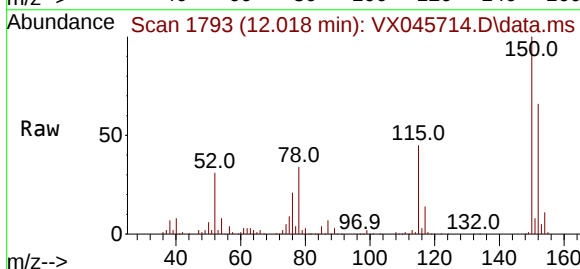
Tgt Ion:152 Resp: 55453

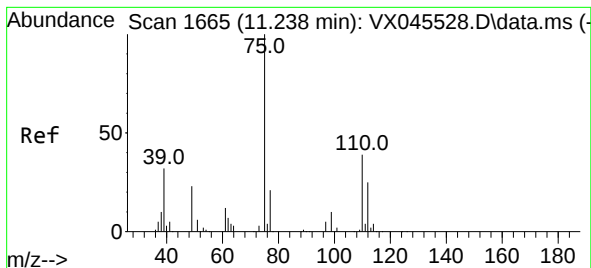
Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 151.4 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.836 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

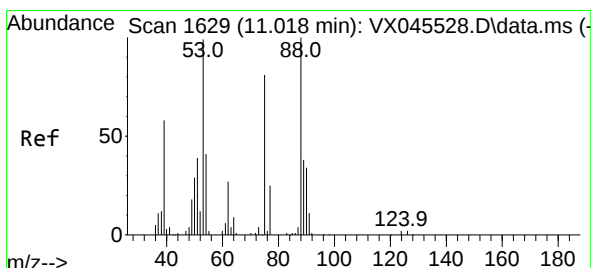
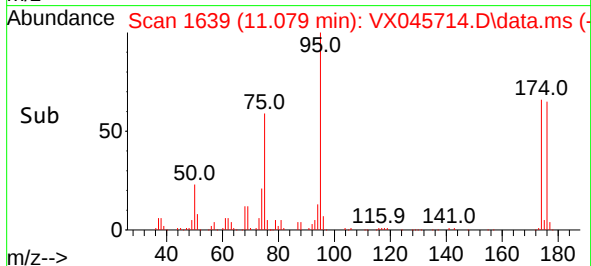
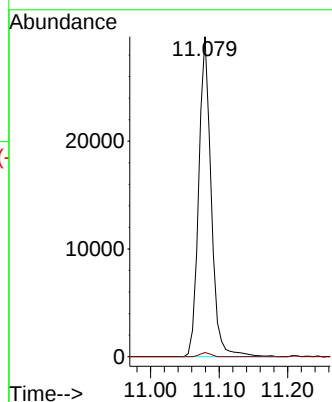
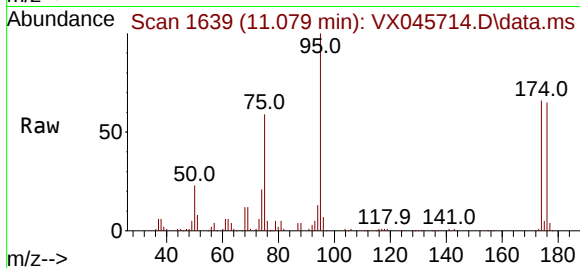
VX0410WBL02

Tgt Ion: 75 Resp: 37652

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.472 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

Tgt Ion: 75 Resp: 37652

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

