

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045564.D
 Acq On : 03 Apr 2025 12:31
 Operator : JC/MD
 Sample : Q1711-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225

Quant Time: Apr 04 01:20:09 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)

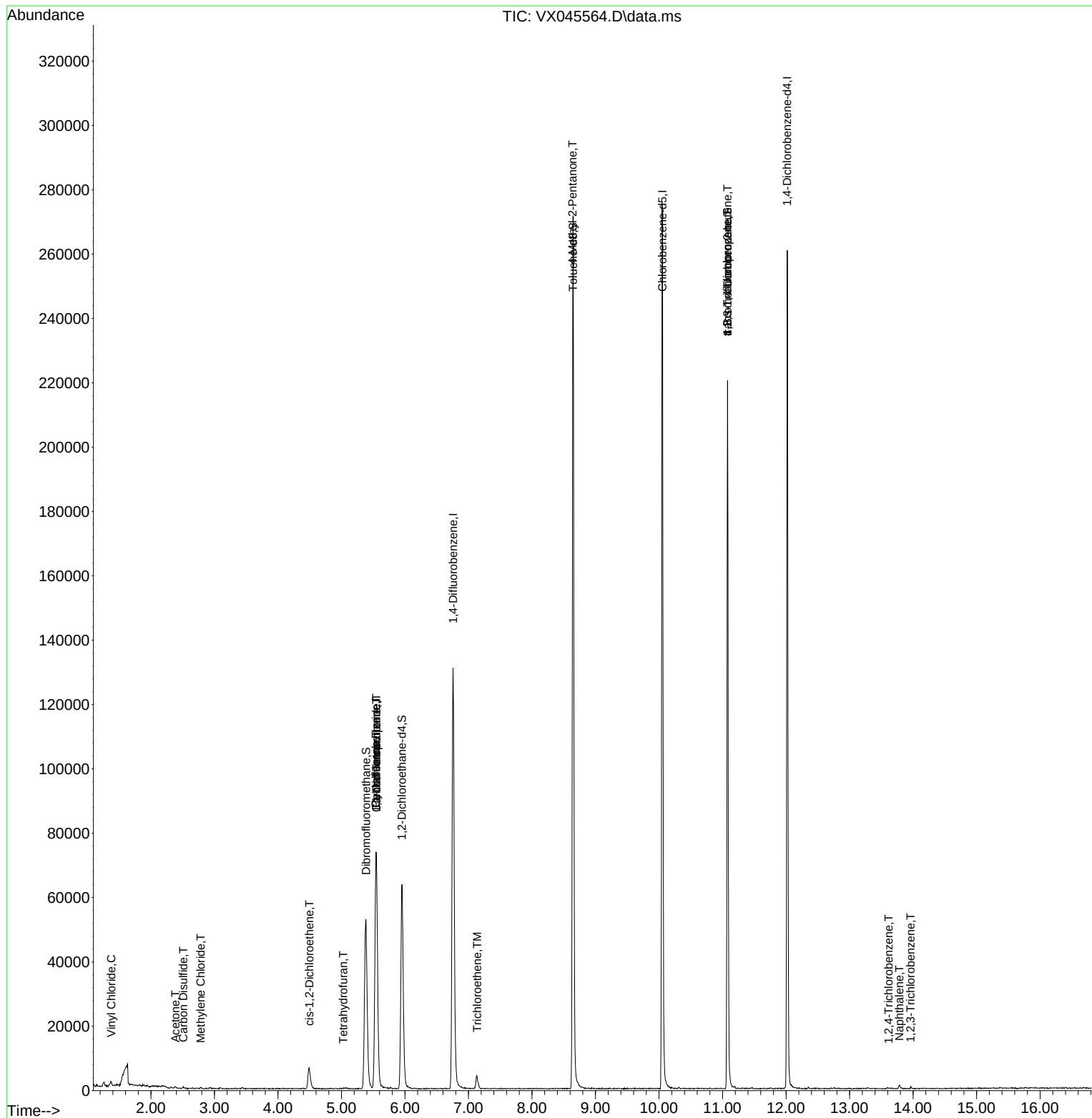
Internal Standards						
1) Pentafluorobenzene	5.544	168	62921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63046	54.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.580%			
35) Dibromofluoromethane	5.385	113	45176	52.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.647	98	155976	51.605	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.079	95	57430	52.164	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	317	0.358	ug/l #	67
16) Acetone	2.386	43	642	1.359	ug/l	93
17) Carbon Disulfide	2.508	76	587	0.315	ug/l #	92
20) Methylene Chloride	2.782	84	183	0.207	ug/l #	56
27) cis-1,2-Dichloroethene	4.495	96	3710	3.946	ug/l	96
29) Tetrahydrofuran	5.025	42	124	0.277	ug/l #	35
31) Cyclohexane	5.544	56	1863	1.320	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	6371	5.449	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7605	6.018	ug/l #	15
44) Trichloroethene	7.135	130	1854	2.184	ug/l	87
51) 4-Methyl-2-Pentanone	8.641	43	958	0.647	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32929	28.123	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32929	95.445	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.615	180	200	0.223	ug/l #	72
95) Naphthalene	13.786	128	1252	0.376	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.963	180	262	0.280	ug/l #	62

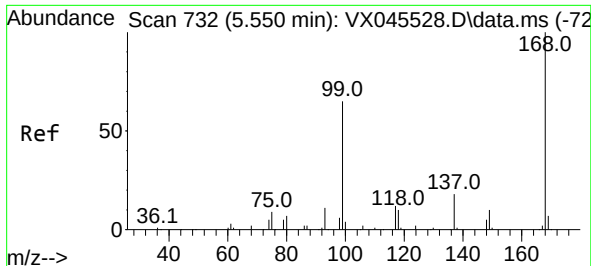
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 01:20:09 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

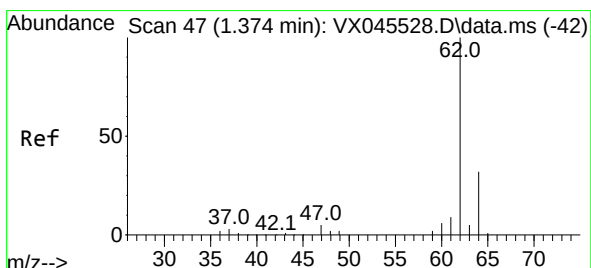
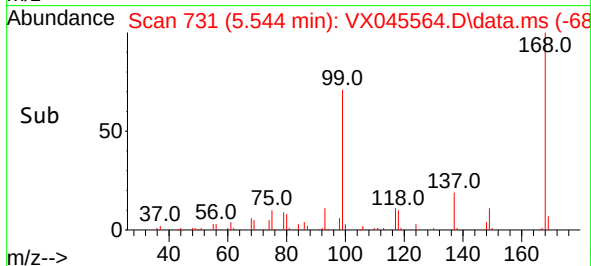
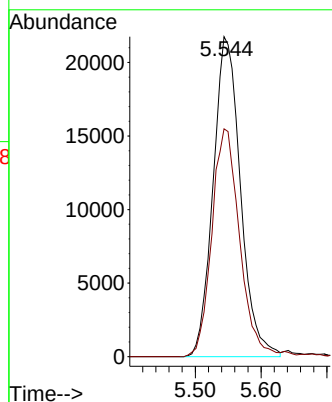
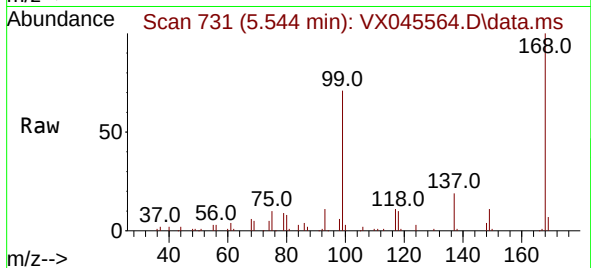




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

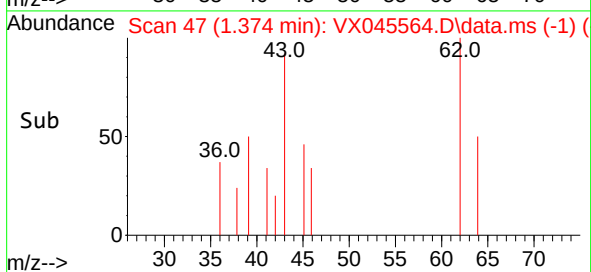
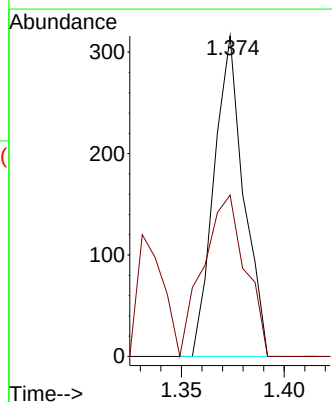
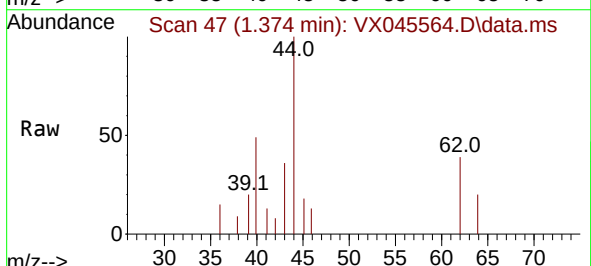
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

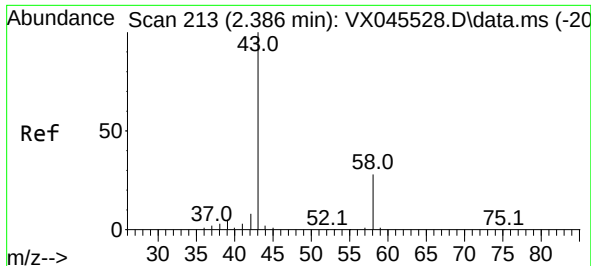
Tgt Ion:168 Resp: 62921
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#4
Vinyl Chloride
Concen: 0.358 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion: 62 Resp: 317
Ion Ratio Lower Upper
62 100
64 50.3 25.5 38.3#

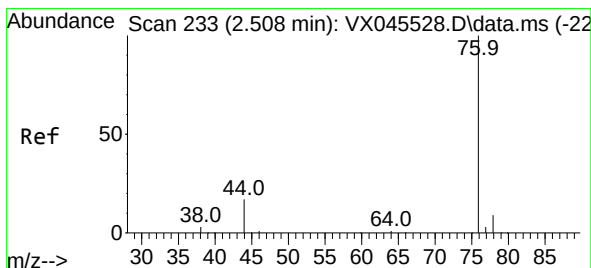
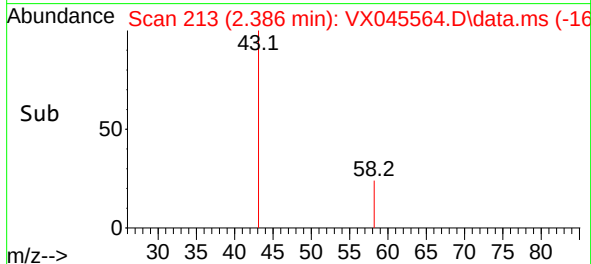
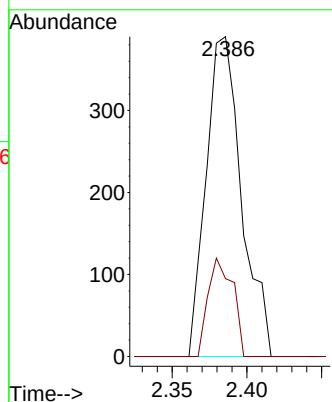
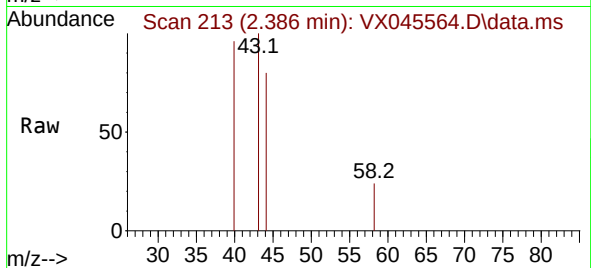




#16
Acetone
Concen: 1.359 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

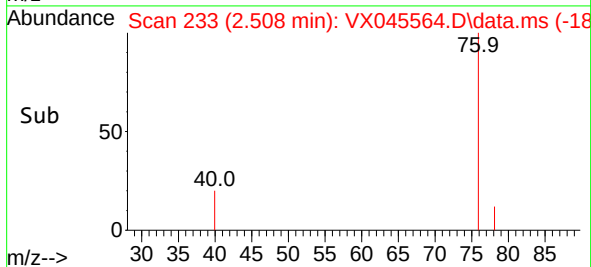
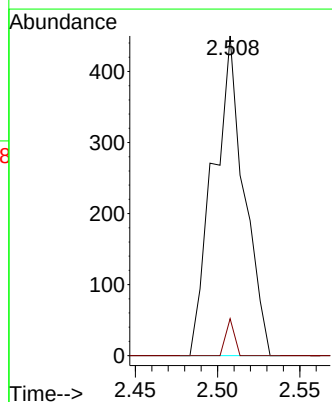
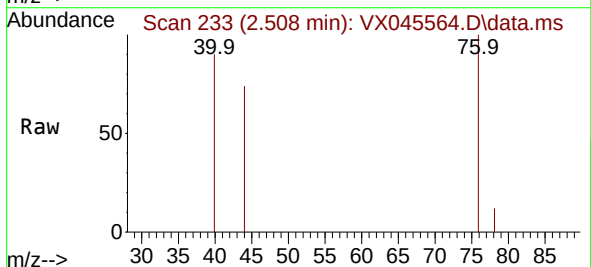
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

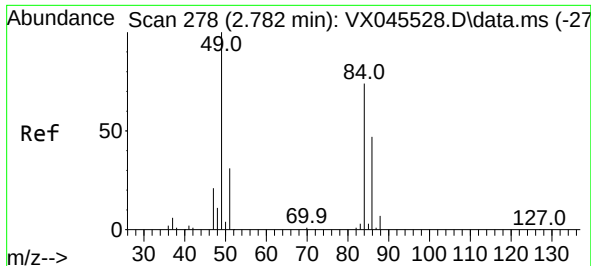
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 24.4 22.3 33.5



#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion: 76 Resp: 587
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6#

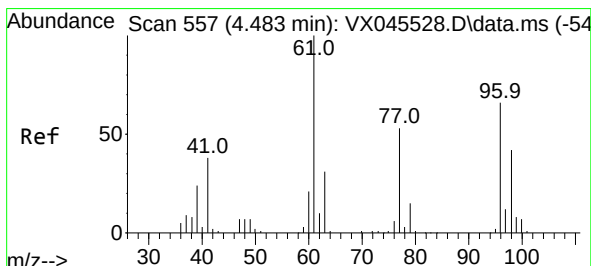
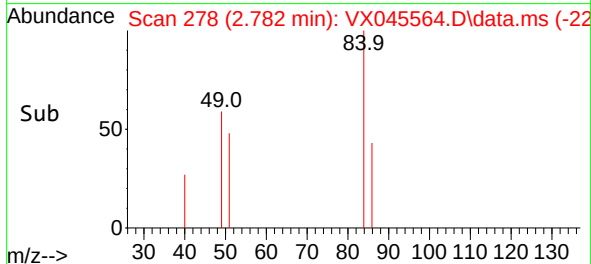
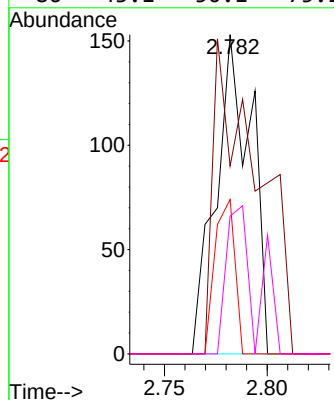
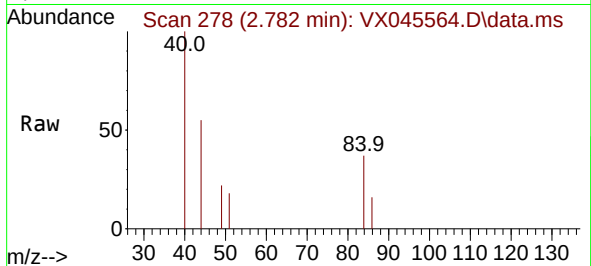




#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

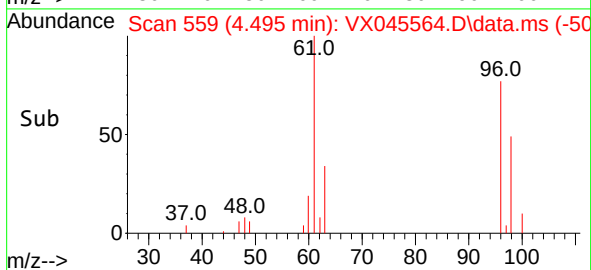
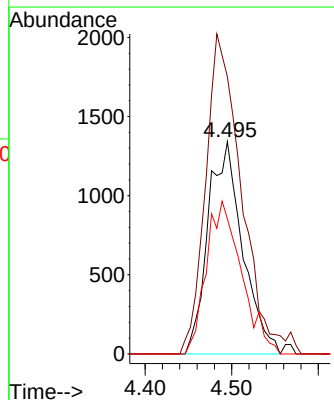
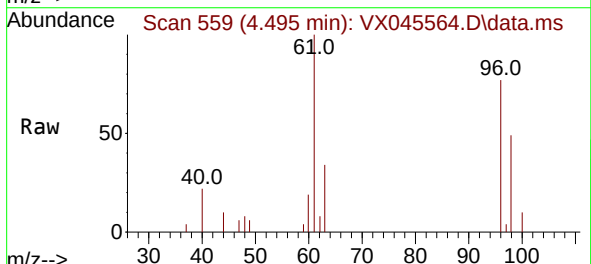
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

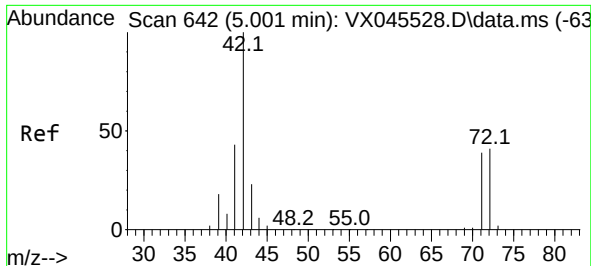
Tgt Ion:	84	Resp:	183
Ion	Ratio	Lower	Upper
84	100		
49	58.8	107.5	161.3#
51	48.4	33.0	49.6
86	43.1	50.1	75.1#



#27
cis-1,2-Dichloroethene
Concen: 3.946 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion:	96	Resp:	3710
Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	313.2
98	73.5	0.0	126.4





#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 5.025 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX045564.D

Acq: 03 Apr 2025 12:31

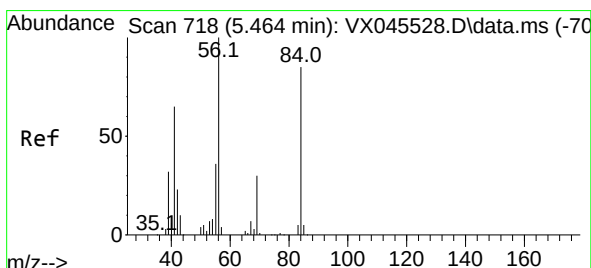
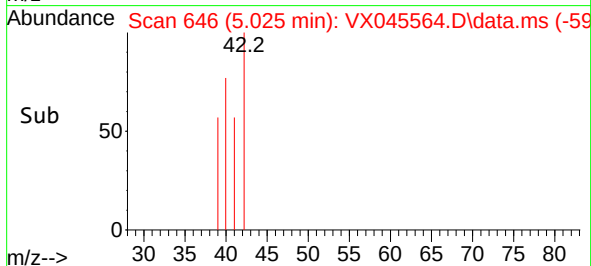
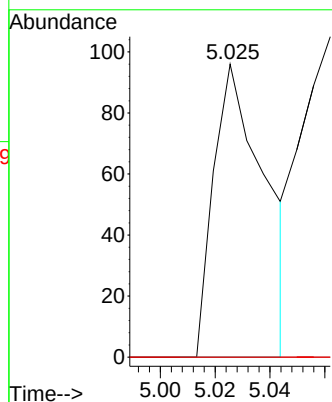
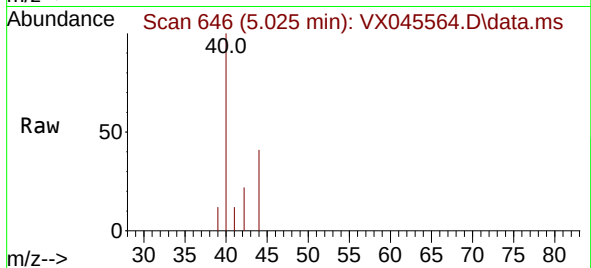
Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225

Tgt Ion:	42	Resp:	124
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	0.0	31.4	47.0#



#31

Cyclohexane

Concen: 1.320 ug/l

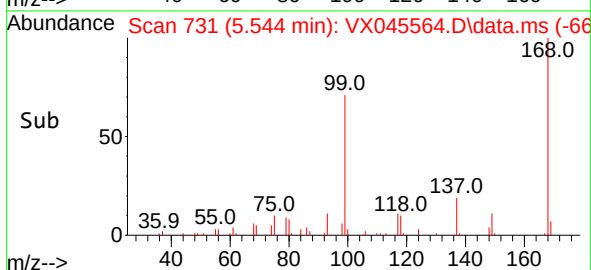
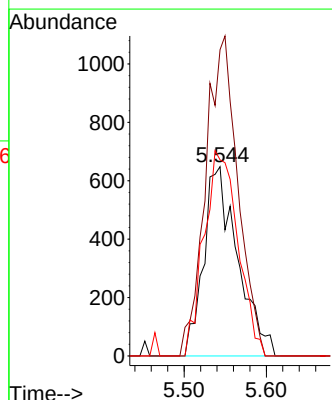
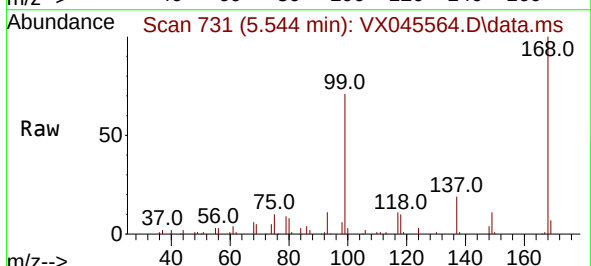
RT: 5.544 min Scan# 731

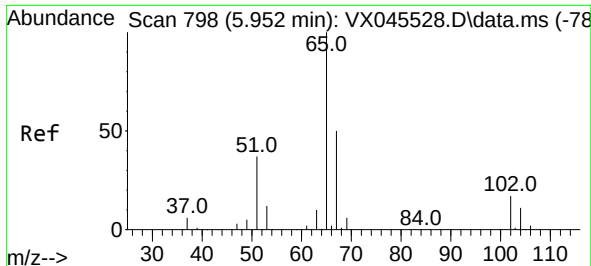
Delta R.T. 0.079 min

Lab File: VX045564.D

Acq: 03 Apr 2025 12:31

Tgt Ion:	56	Resp:	1863
Ion	Ratio	Lower	Upper
56	100		
69	161.9	23.6	35.4#
84	103.7	67.7	101.5#





#33

1,2-Dichloroethane-d4

Concen: 54.791 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045564.D

Acq: 03 Apr 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

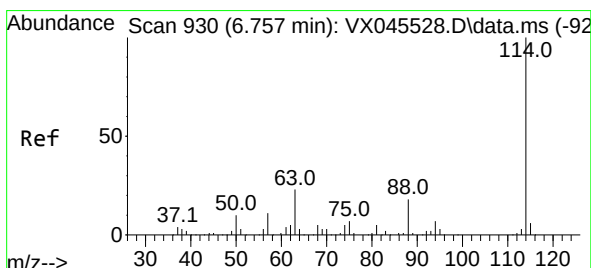
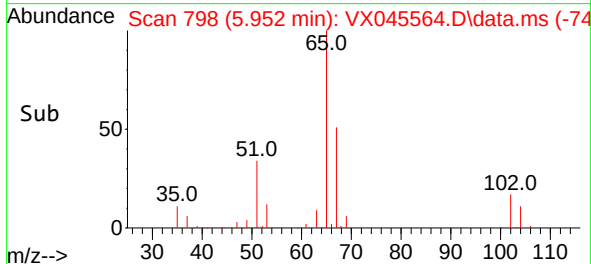
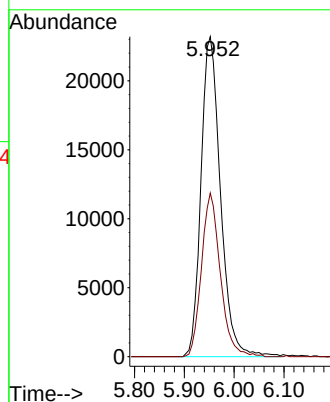
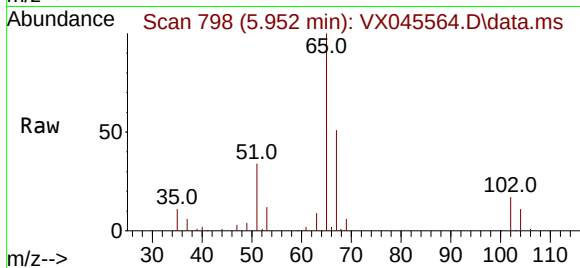
MW-18B-56-040225

Tgt Ion: 65 Resp: 63046

Ion Ratio Lower Upper

65 100

67 49.5 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: VX045564.D

Acq: 03 Apr 2025 12:31

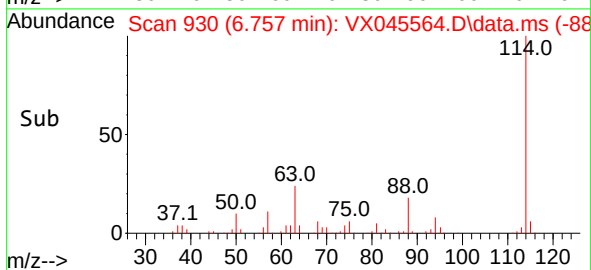
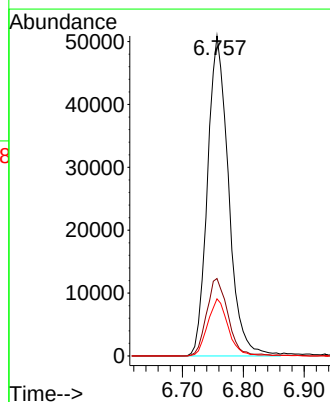
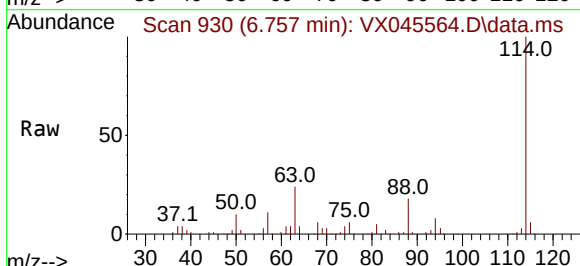
Tgt Ion: 114 Resp: 122051

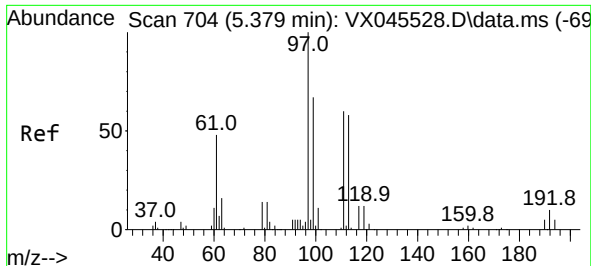
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 17.8 0.0 35.4

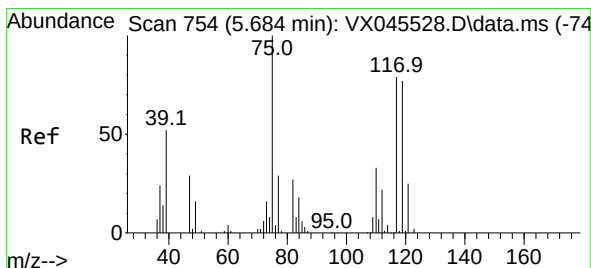
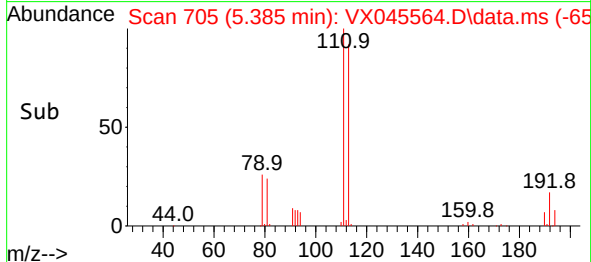
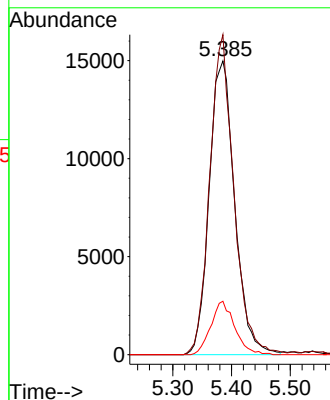
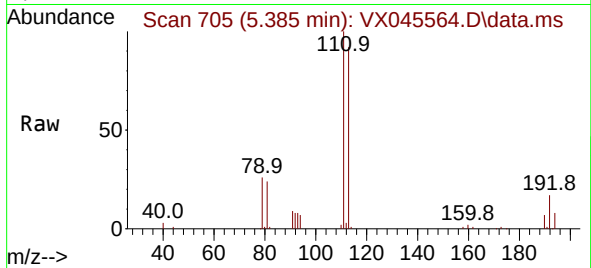




#35
Dibromofluoromethane
Concen: 52.169 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

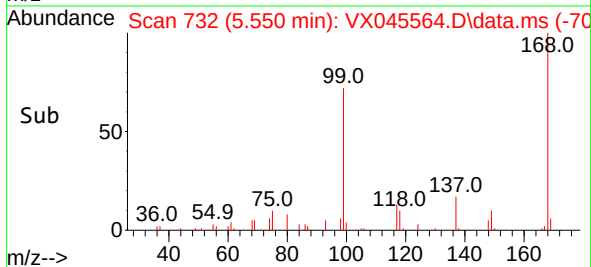
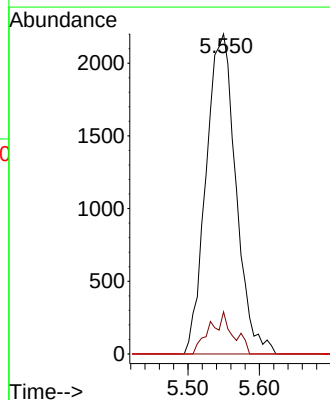
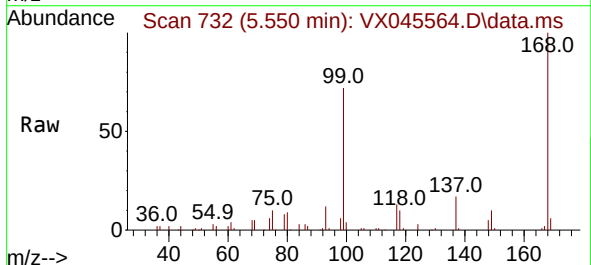
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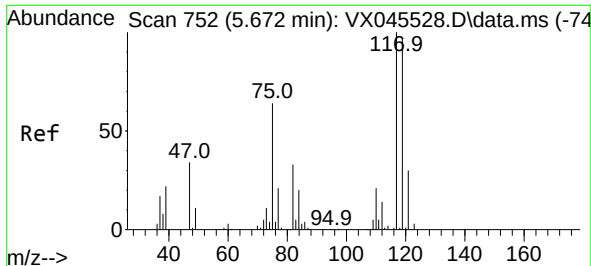
Tgt Ion:113 Resp: 45176
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.1 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.449 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

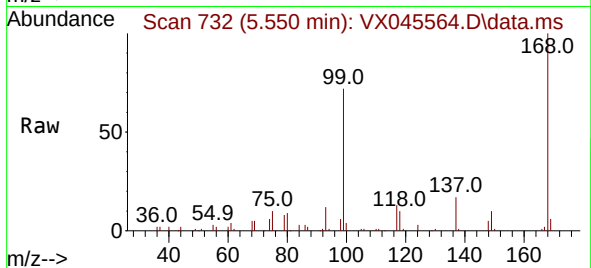
Tgt Ion: 75 Resp: 6371
Ion Ratio Lower Upper
75 100
110 10.2 16.9 50.6#
77 0.0 25.0 37.4#



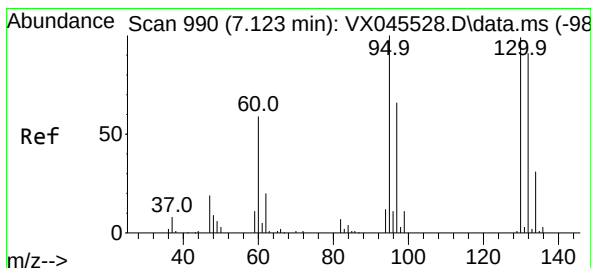
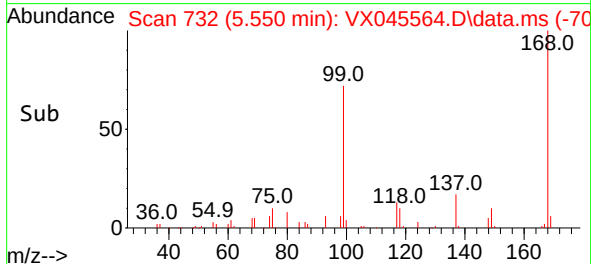
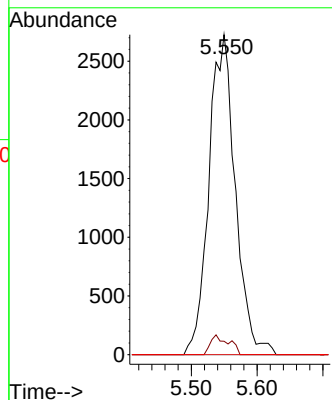


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

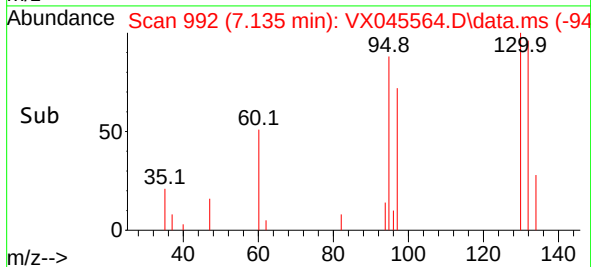
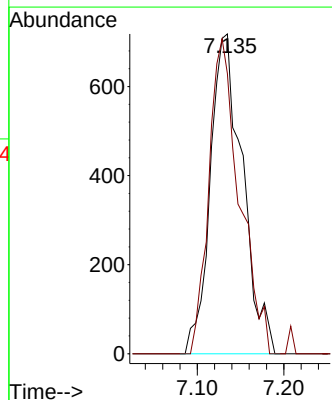
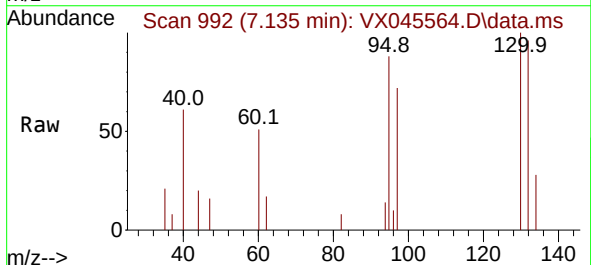


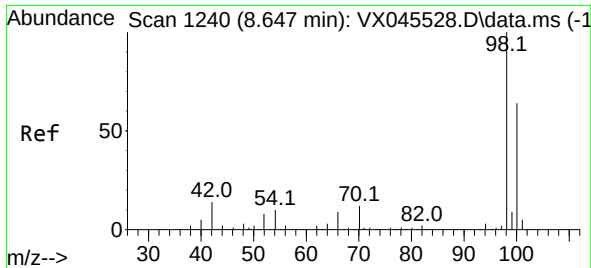
Tgt Ion:117 Resp: 7605
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 2.184 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion:130 Resp: 1854
Ion Ratio Lower Upper
130 100
95 87.6 0.0 202.0

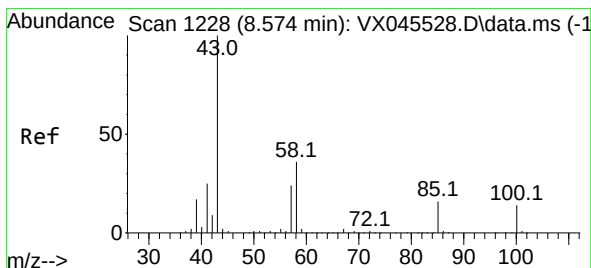
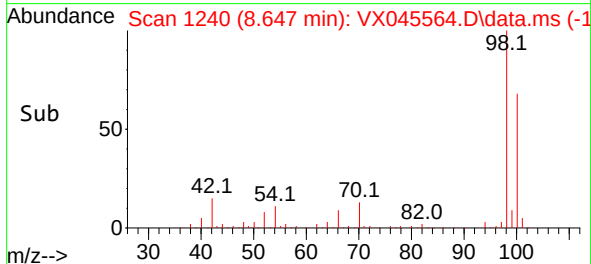
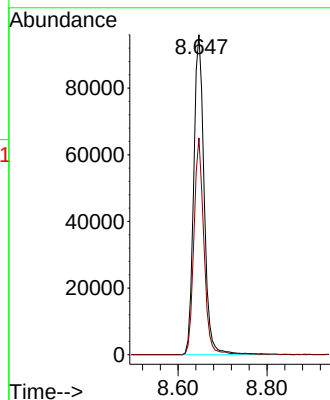
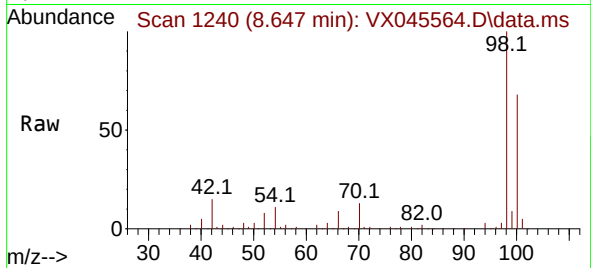




#50
Toluene-d8
Concen: 51.605 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

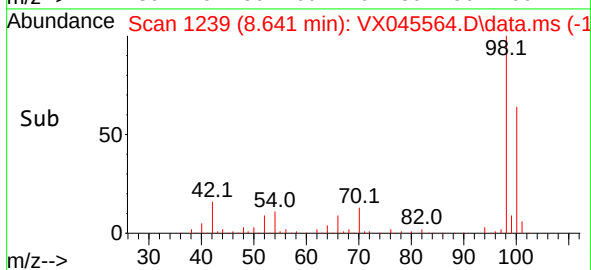
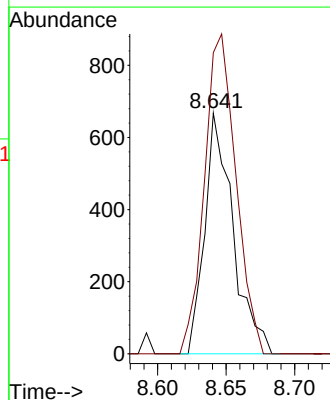
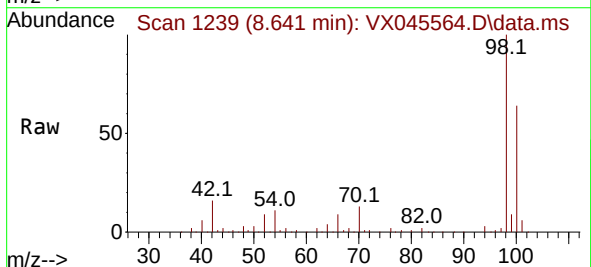
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

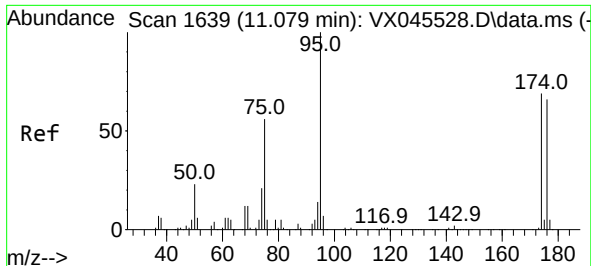
Tgt Ion: 98 Resp: 155976
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 148.3 28.5 42.7#

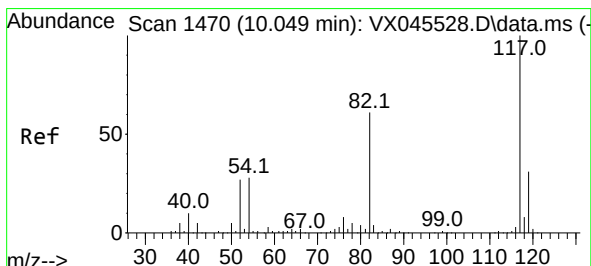
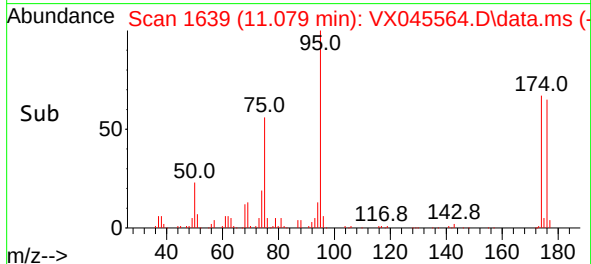
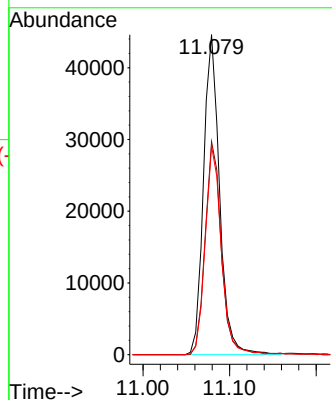
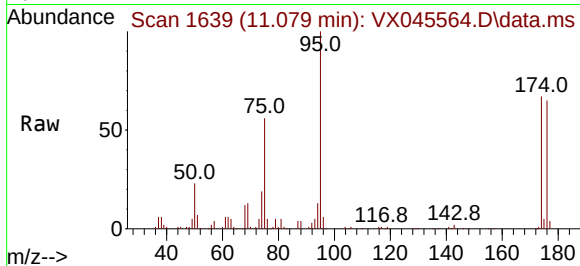




#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

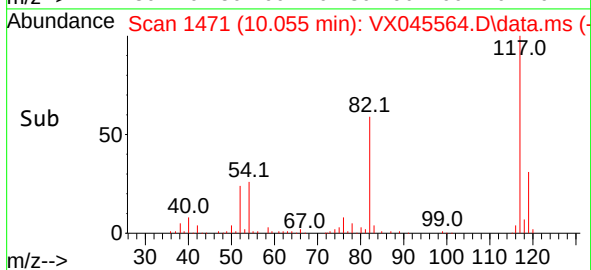
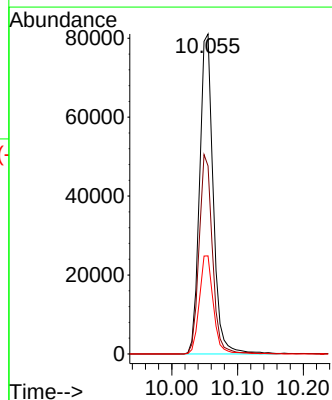
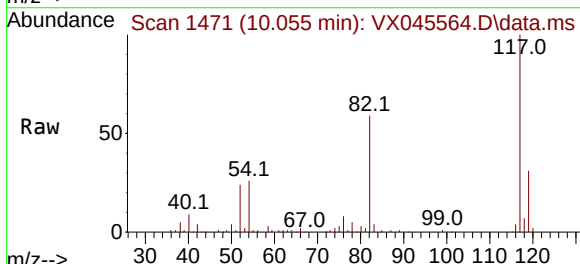
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

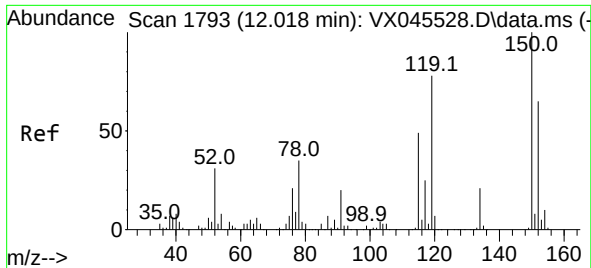
Tgt Ion: 95 Resp: 57430
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion: 117 Resp: 116343
Ion Ratio Lower Upper
117 100
82 58.7 49.2 73.8
119 30.7 25.1 37.7

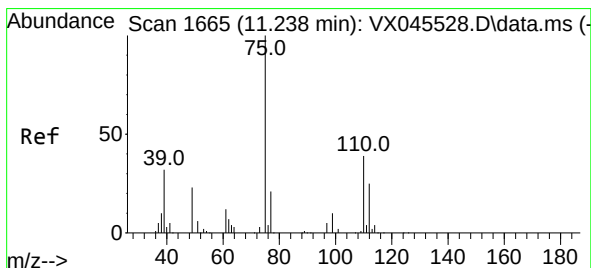
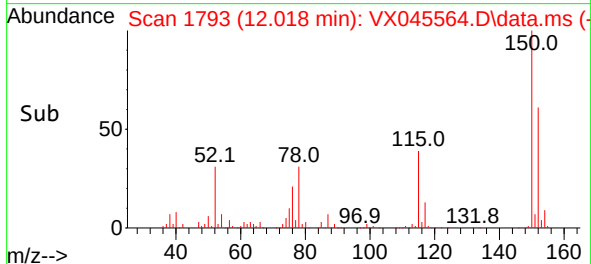
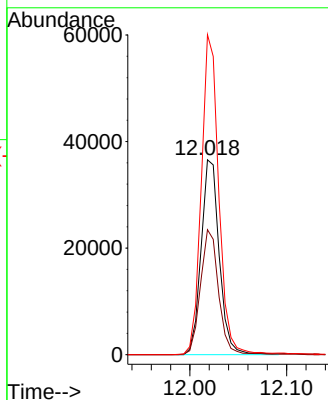
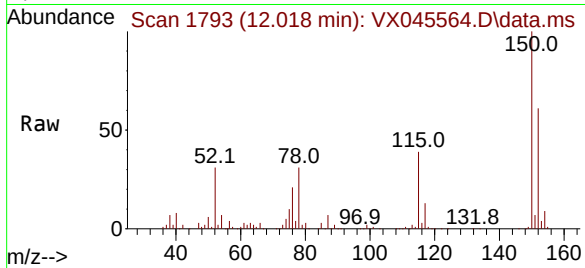




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045564.D
 Acq: 03 Apr 2025 12:31

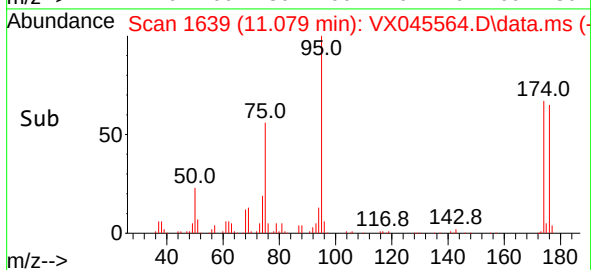
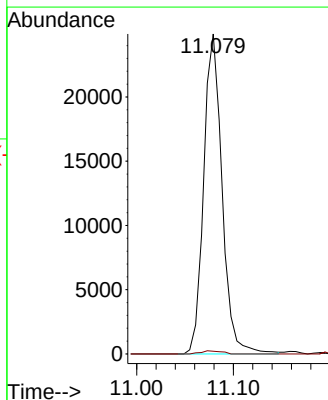
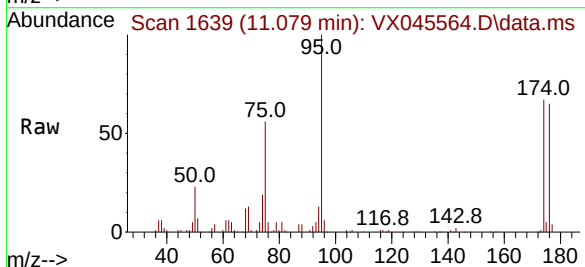
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225

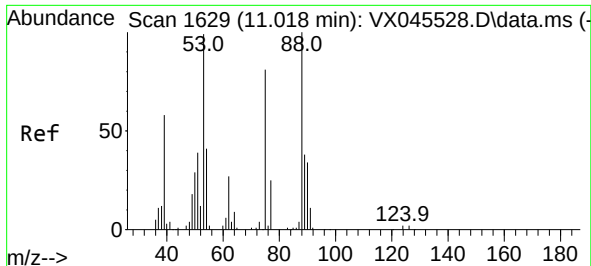
Tgt Ion:152 Resp: 48003
 Ion Ratio Lower Upper
 152 100
 115 63.9 46.9 140.7
 150 158.3 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.123 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045564.D
 Acq: 03 Apr 2025 12:31

Tgt Ion: 75 Resp: 32929
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

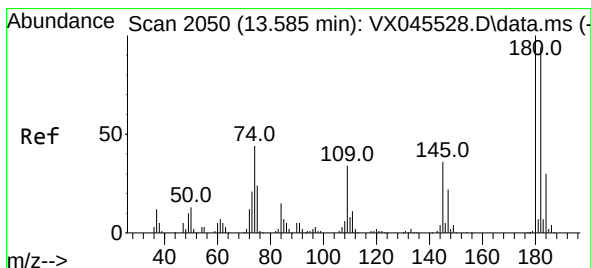
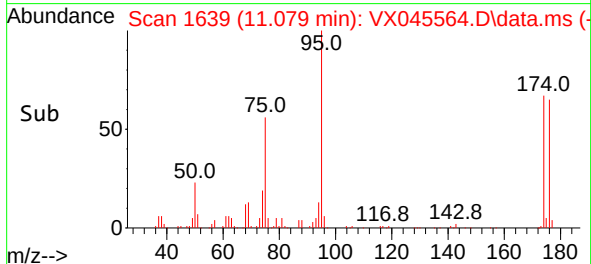
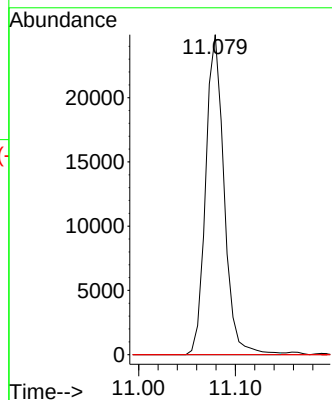
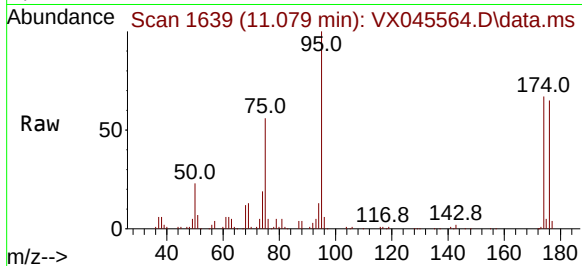




#81
trans-1,4-Dichloro-2-butene
Concen: 95.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

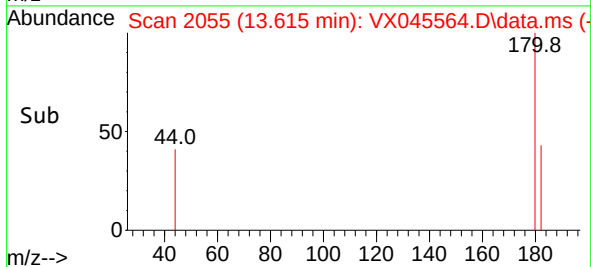
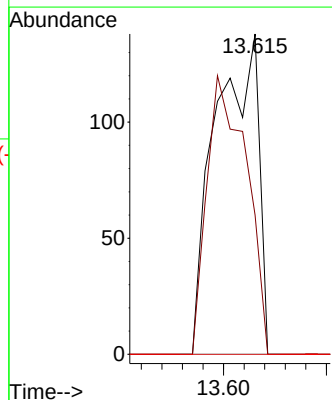
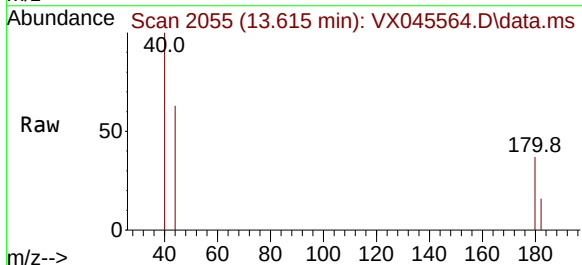
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225

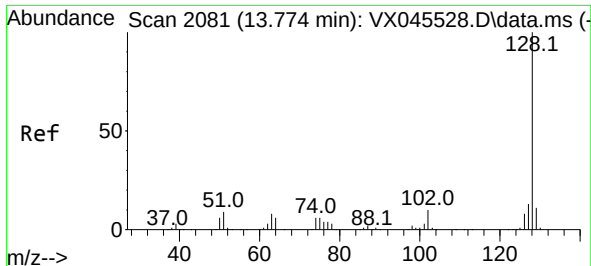
Tgt Ion: 75 Resp: 32929
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.615 min Scan# 2055
Delta R.T. 0.030 min
Lab File: VX045564.D
Acq: 03 Apr 2025 12:31

Tgt Ion:180 Resp: 200
Ion Ratio Lower Upper
180 100
182 80.0 47.9 143.6
145 0.0 17.9 53.8#





#95

Naphthalene

Concen: 0.376 ug/l

RT: 13.786 min Scan# 2081

Delta R.T. 0.012 min

Lab File: VX045564.D

Acq: 03 Apr 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225

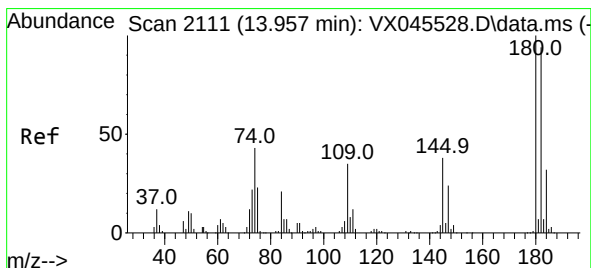
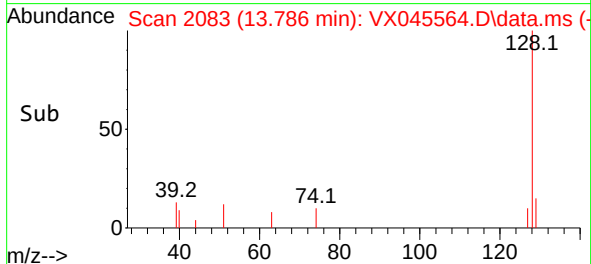
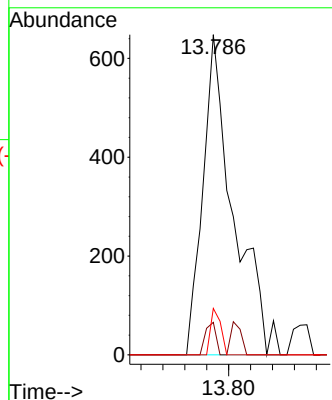
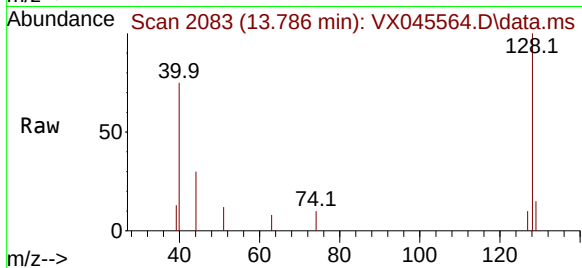
Tgt Ion:128 Resp: 1252

Ion Ratio Lower Upper

128 100

127 3.5 10.3 15.5#

129 4.7 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.280 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045564.D

Acq: 03 Apr 2025 12:31

Tgt Ion:180 Resp: 262

Ion Ratio Lower Upper

180 100

182 61.1 47.3 141.8

145 7.6 18.2 54.6#

