

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046341.D
 Acq On : 23 May 2025 13:43
 Operator : JC/MD
 Sample : Q2118-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-460-462

Quant Time: May 23 23:01:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

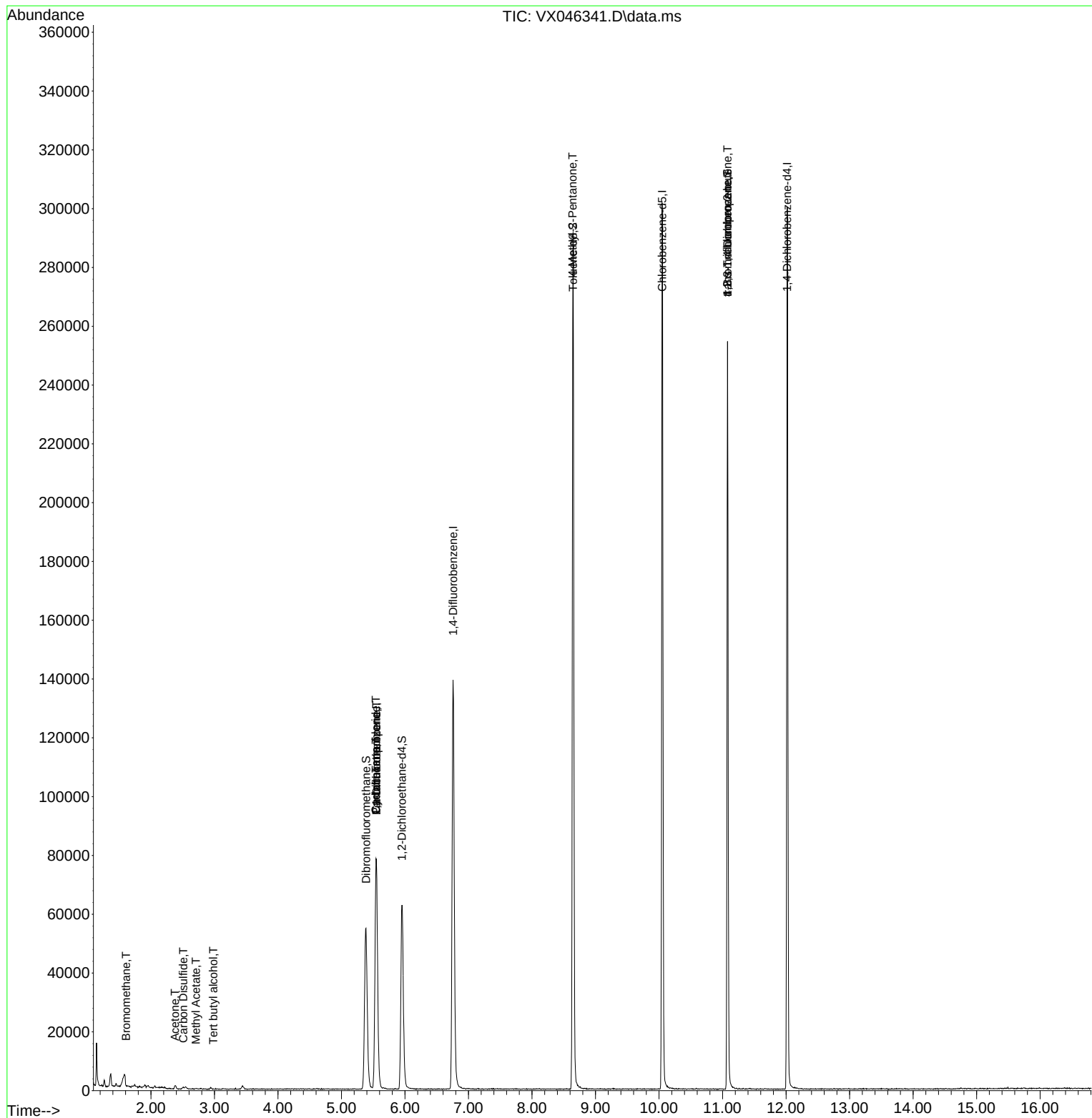
Internal Standards						
1) Pentafluorobenzene	5.550	168	66245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66015	53.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	5.385	113	48522	50.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	167542	50.227	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	66411	51.903	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.800%			
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	107	0.252	ug/l #	4
11) Tert butyl alcohol	2.983	59	44	0.254	ug/l #	72
16) Acetone	2.380	43	1448	2.924	ug/l #	83
17) Carbon Disulfide	2.508	76	844	0.453	ug/l	97
18) Methyl Acetate	2.709	43	335	0.292	ug/l #	55
31) Cyclohexane	5.544	56	1977	1.343	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	6678	5.157	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8059	5.539	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1025	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37881	28.770	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37881	93.666	ug/l #	1

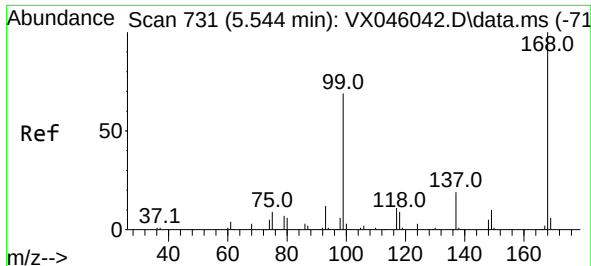
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

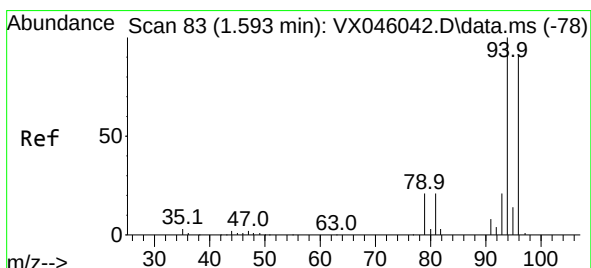
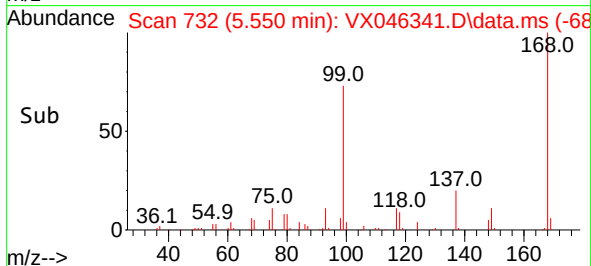
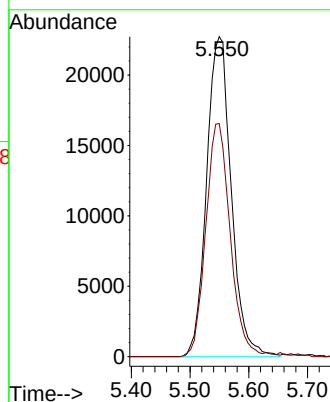
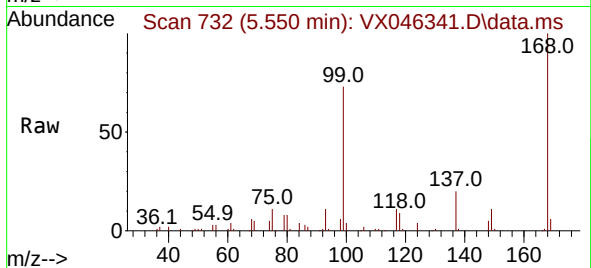




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

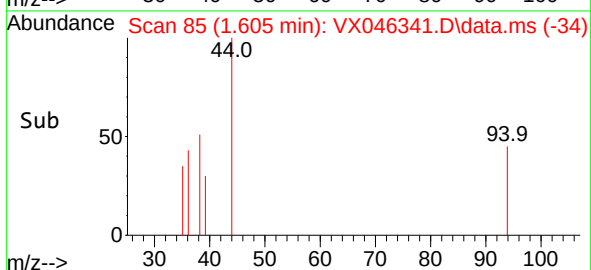
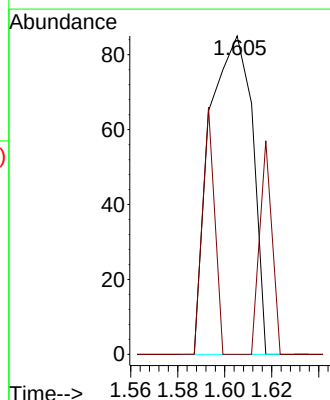
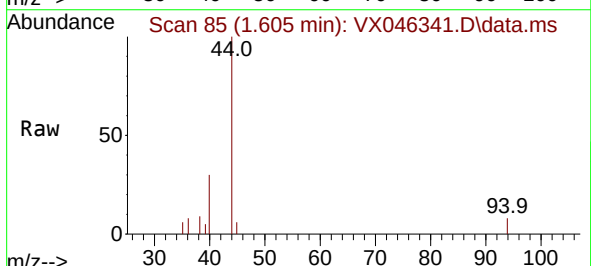
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-460-462

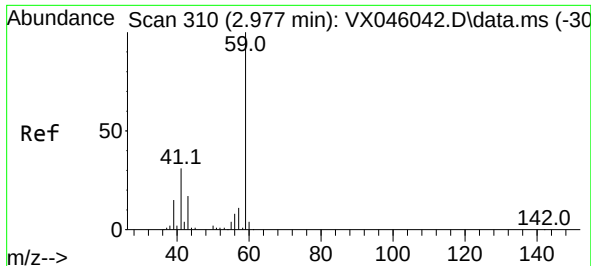
Tgt Ion:168 Resp: 66245
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3



#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

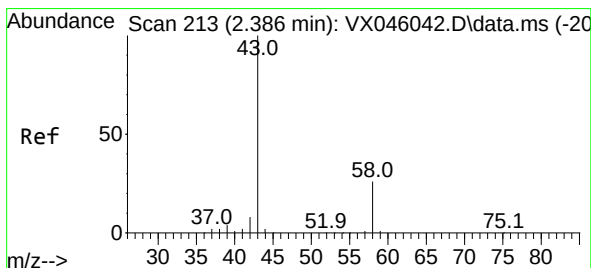
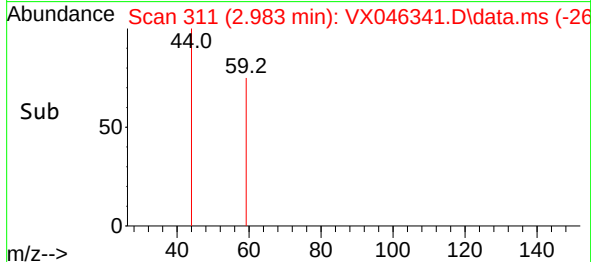
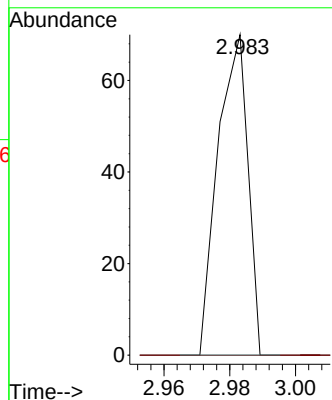
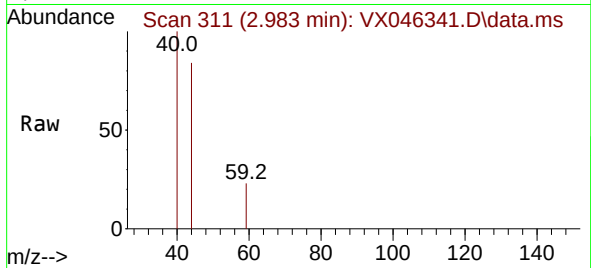




#11
Tert butyl alcohol
Concen: 0.254 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

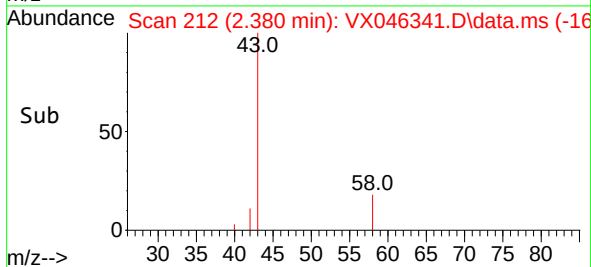
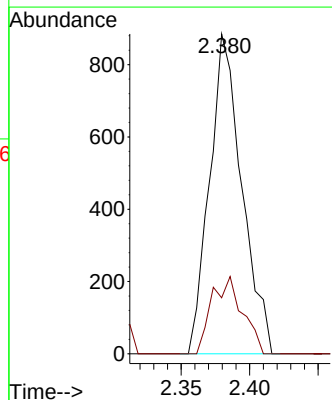
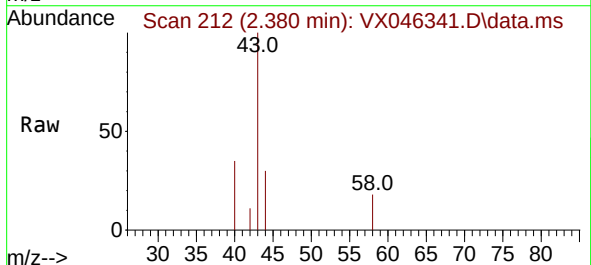
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-460-462

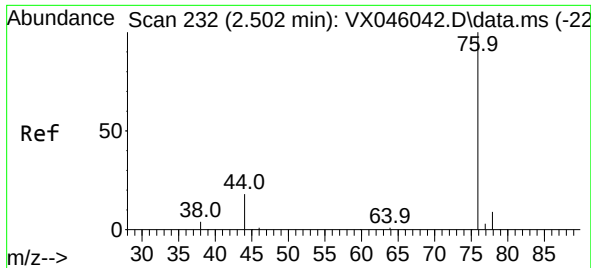
Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.924 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 17.5 21.2 31.8#

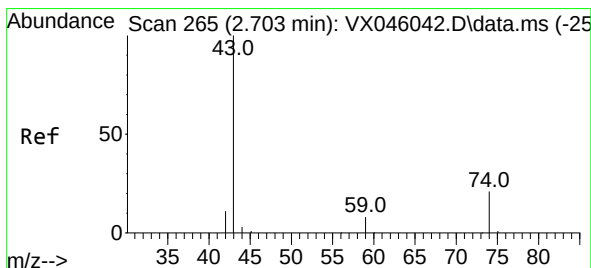
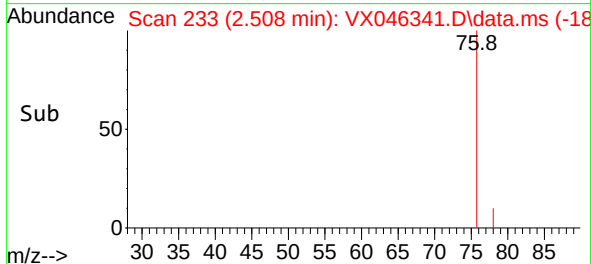
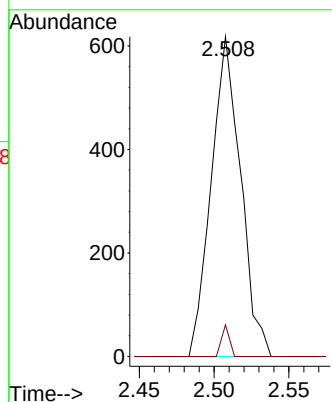
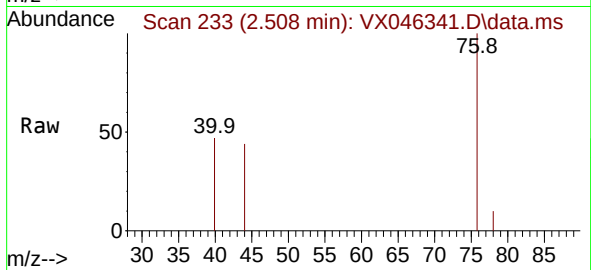




#17
Carbon Disulfide
Concen: 0.453 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

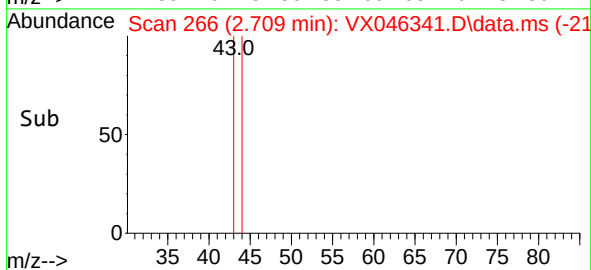
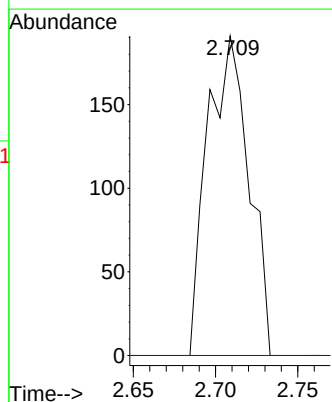
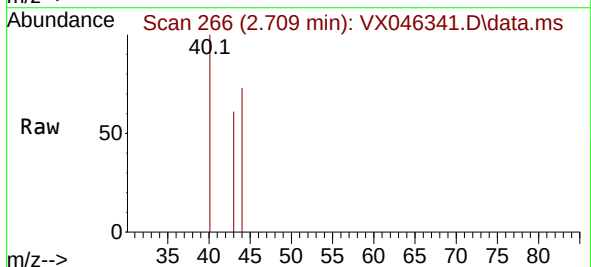
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-460-462

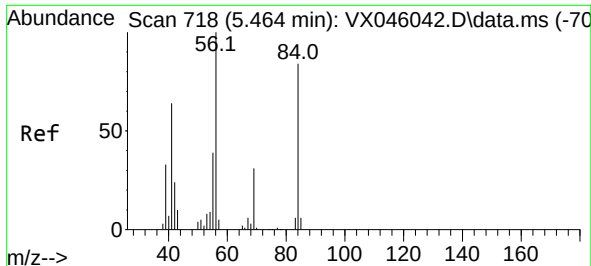
Tgt Ion: 76 Resp: 844
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

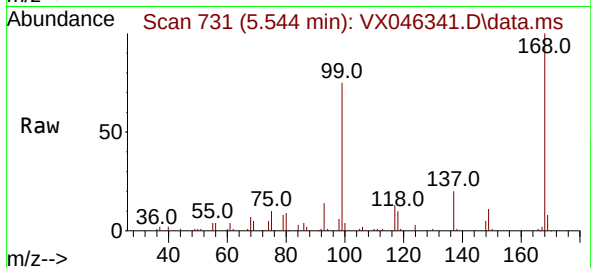
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



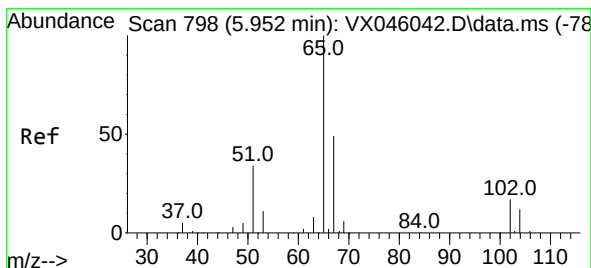
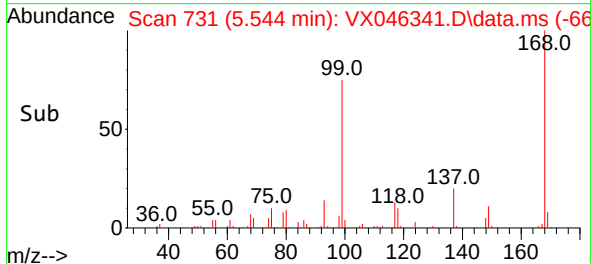
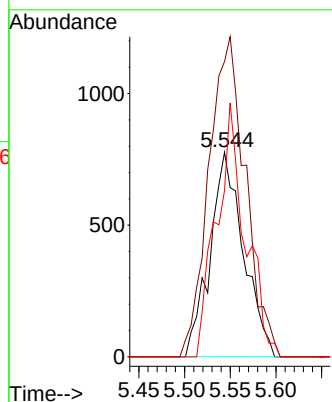


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-460-462

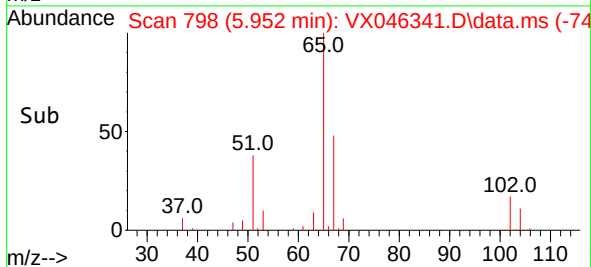
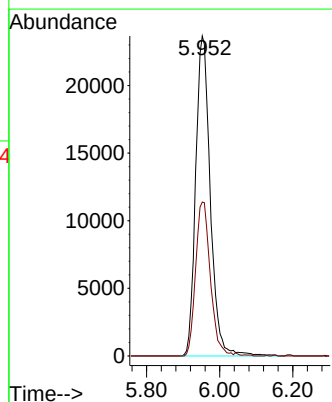
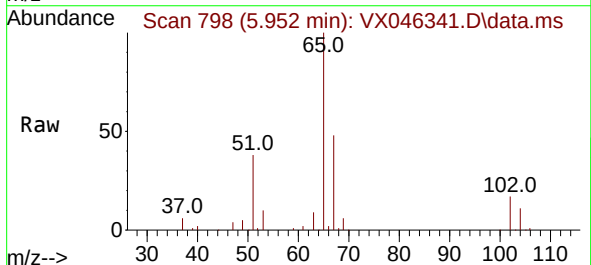


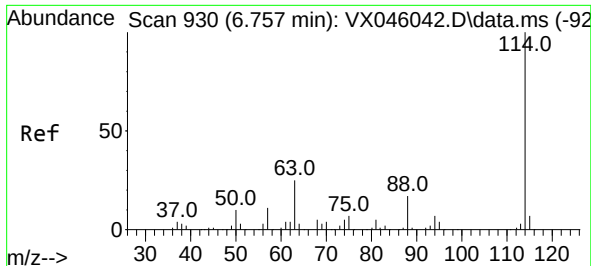
Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
69 144.4 24.4 36.6#
84 81.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.453 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion: 65 Resp: 66015
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

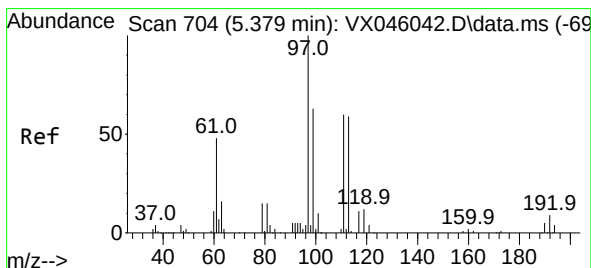
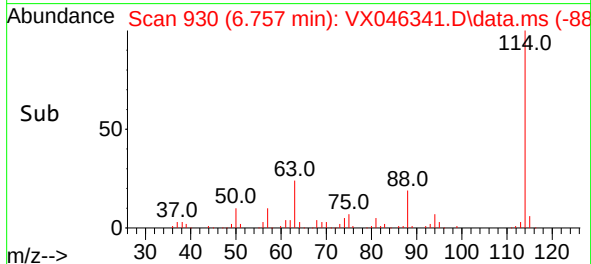
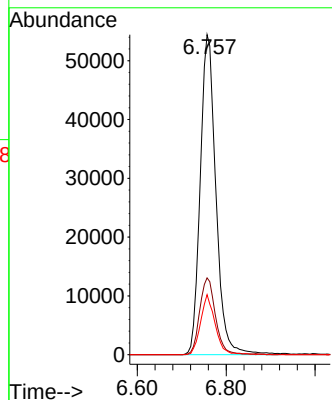
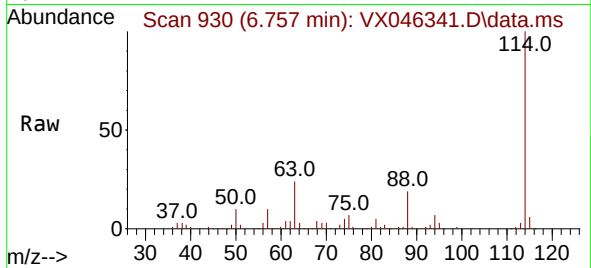




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

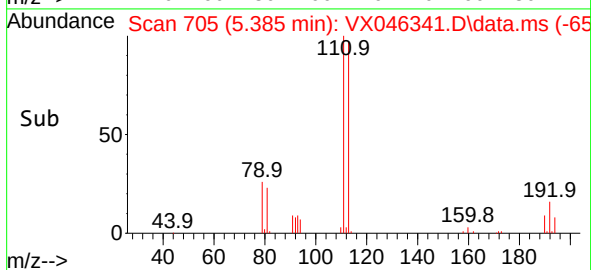
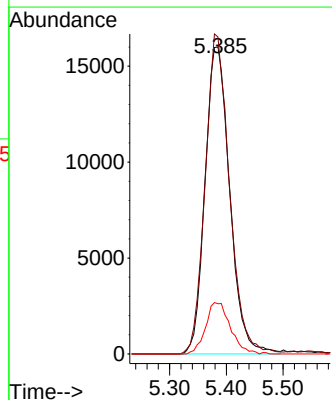
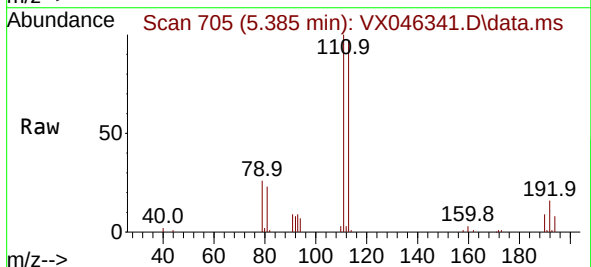
Instrument :
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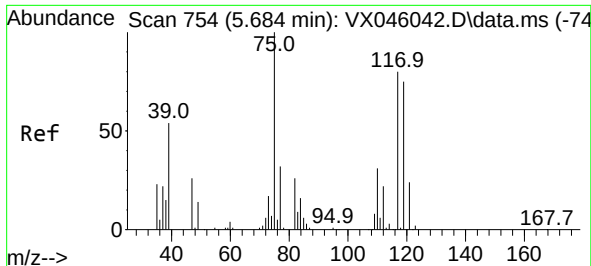
Tgt Ion:114 Resp: 133836
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 18.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.347 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion:113 Resp: 48522
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.7 13.3 19.9

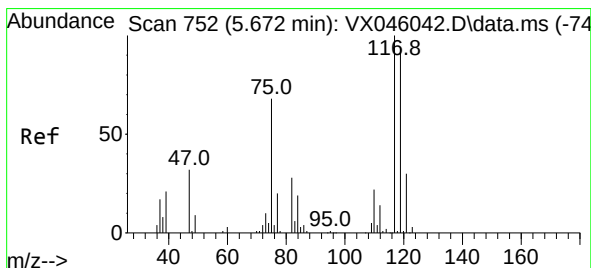
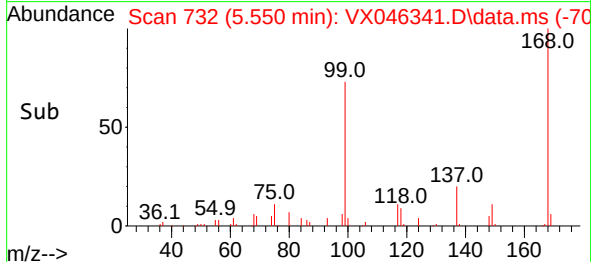
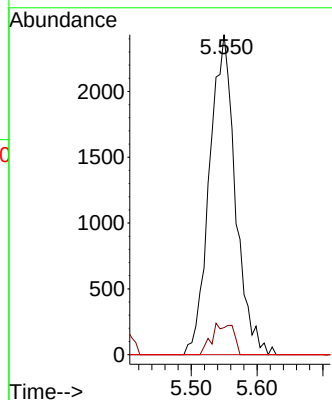
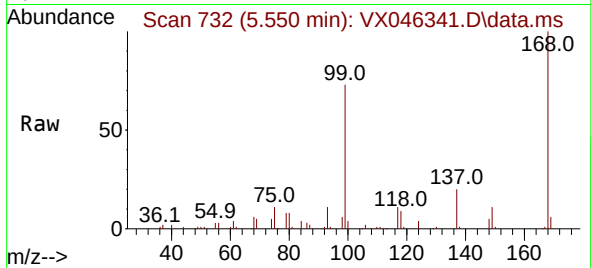




#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

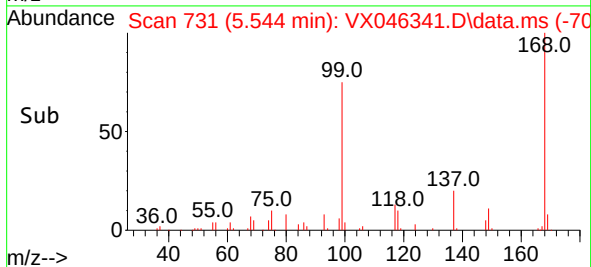
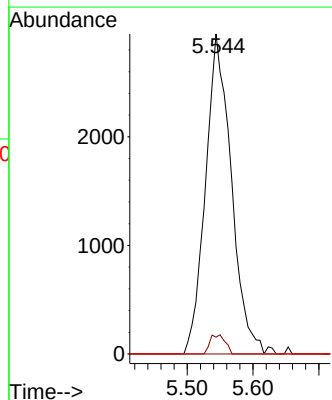
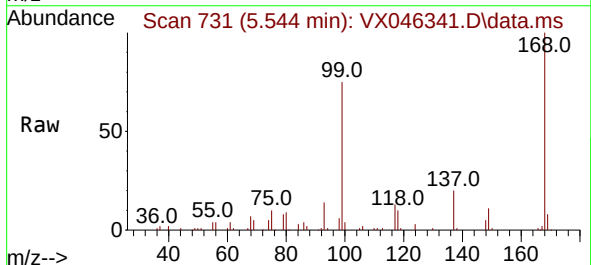
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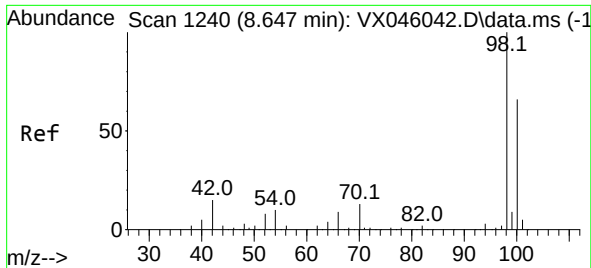
Tgt Ion: 75 Resp: 6678
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion: 117 Resp: 8059
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 24.2 36.4#

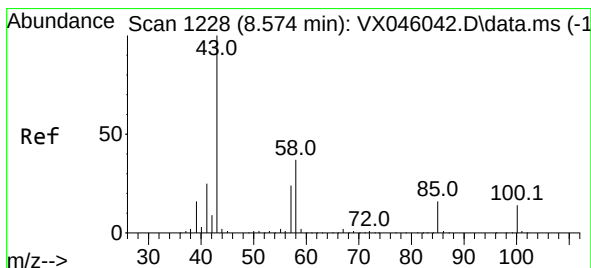
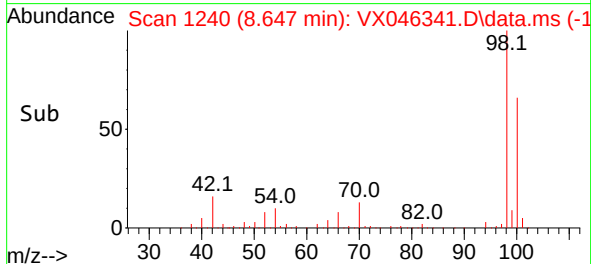
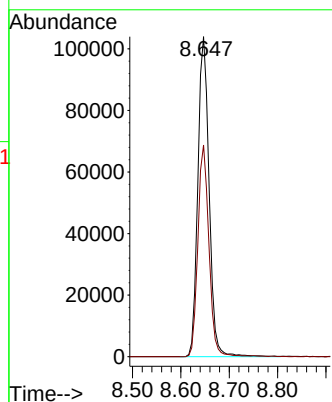
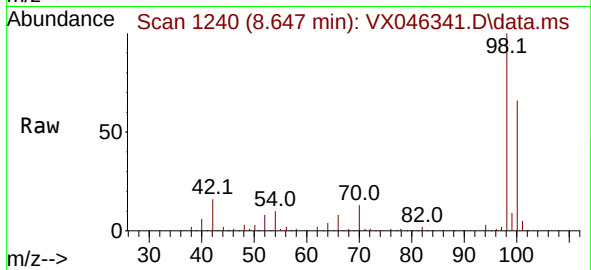




#50
Toluene-d8
Concen: 50.227 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

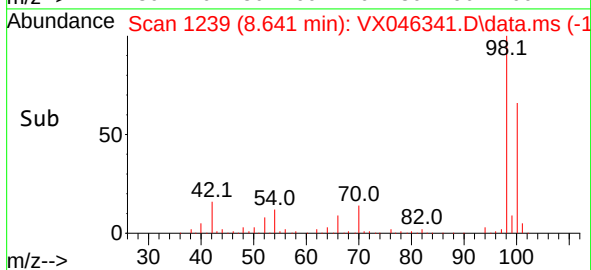
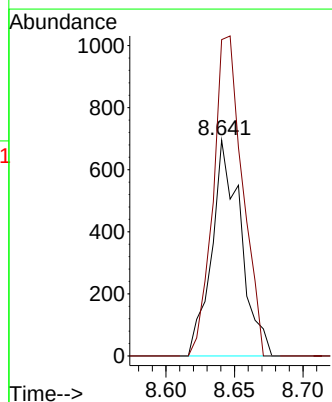
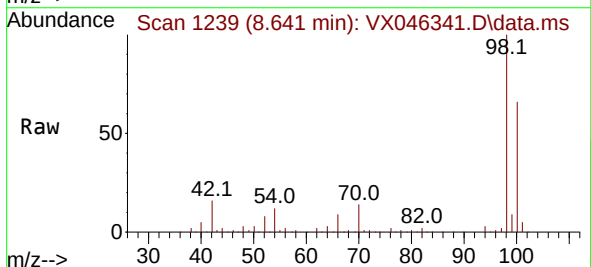
Instrument :
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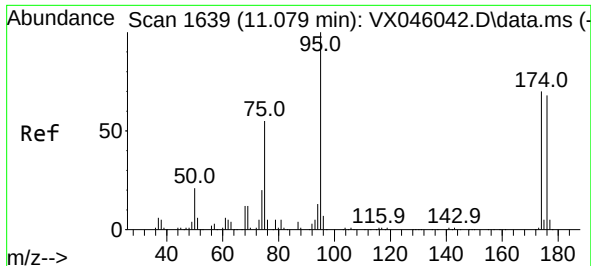
Tgt Ion: 98 Resp: 167542
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046341.D
Acq: 23 May 2025 13:43

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 149.6 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 51.903 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046341.D

Acq: 23 May 2025 13:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-460-462

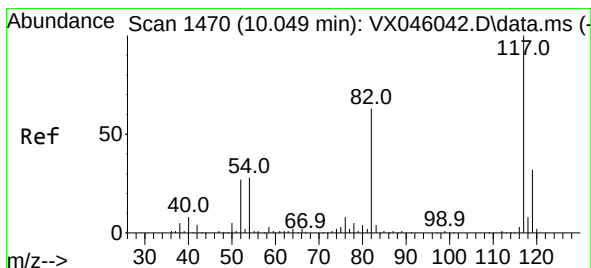
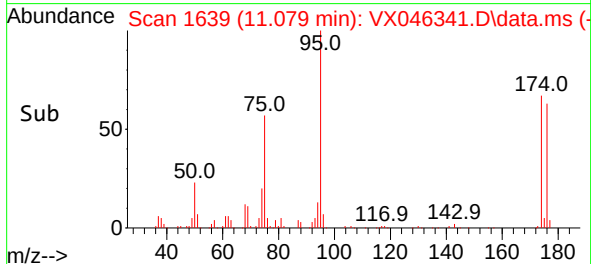
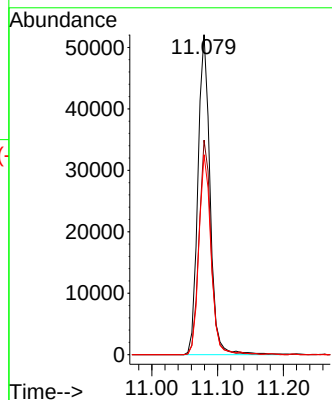
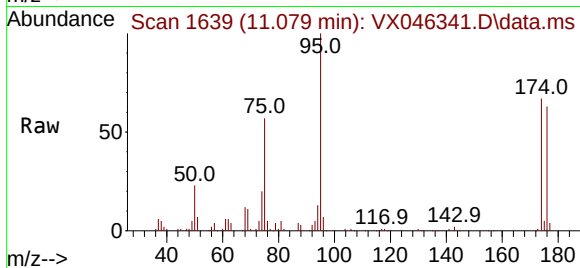
Tgt Ion: 95 Resp: 66411

Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.8

176 63.0 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: VX046341.D

Acq: 23 May 2025 13:43

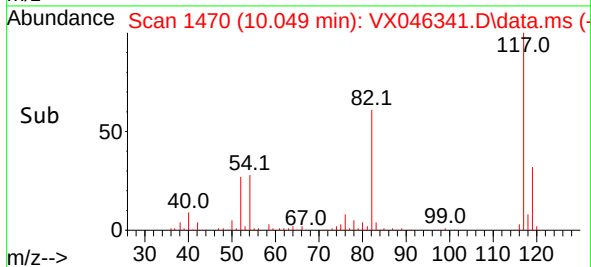
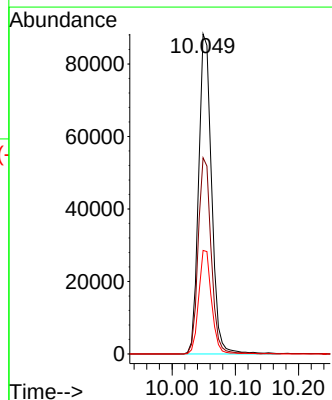
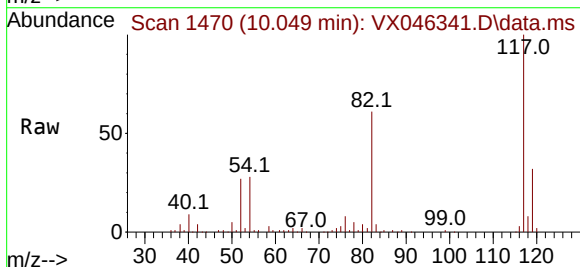
Tgt Ion: 117 Resp: 126415

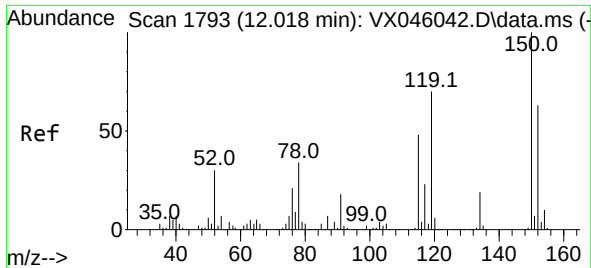
Ion Ratio Lower Upper

117 100

82 61.3 50.6 76.0

119 32.3 25.8 38.6

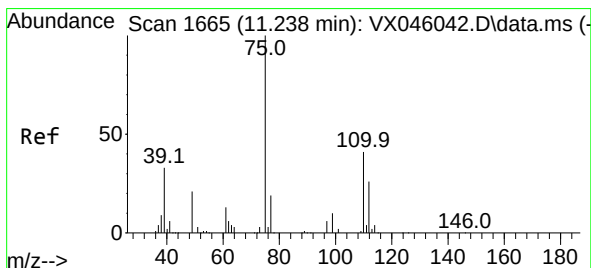
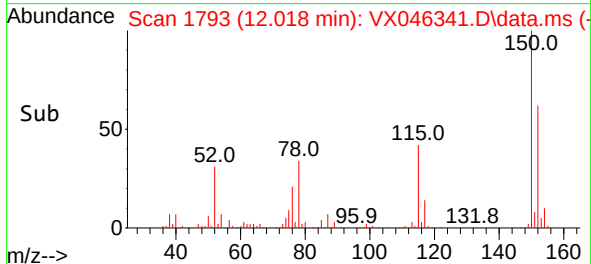
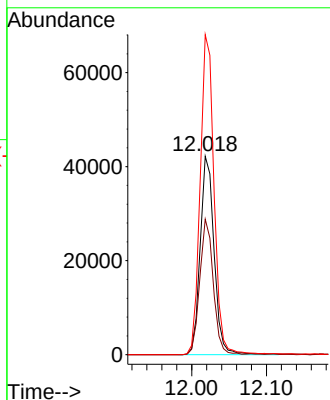
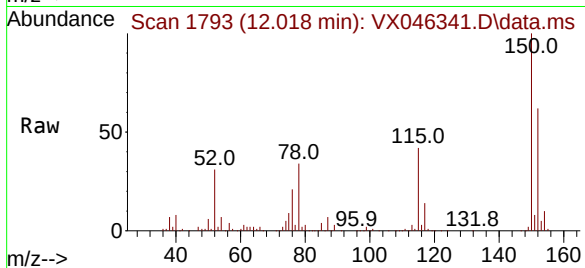




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046341.D
 Acq: 23 May 2025 13:43

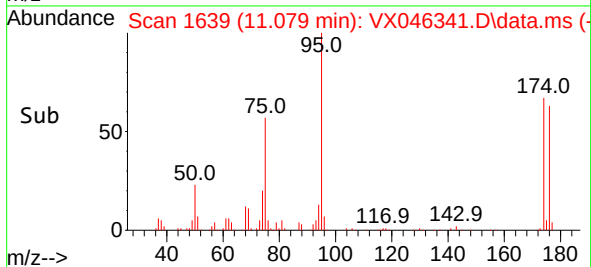
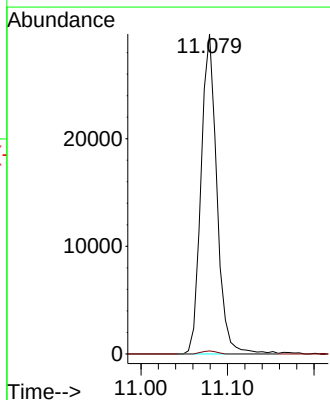
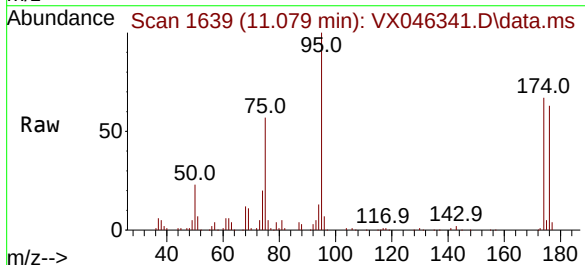
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-460-462

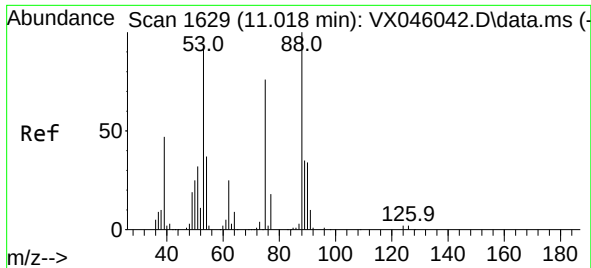
Tgt Ion:152 Resp: 54701
 Ion Ratio Lower Upper
 152 100
 115 66.2 46.9 140.7
 150 160.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.770 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046341.D
 Acq: 23 May 2025 13:43

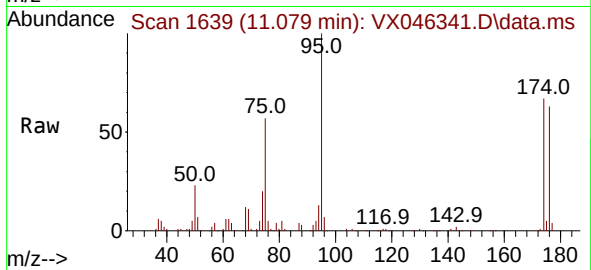
Tgt Ion: 75 Resp: 37881
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.666 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046341.D
 Acq: 23 May 2025 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-460-462



Tgt Ion: 75 Resp: 37881
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

