

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046300.D
 Acq On : 21 May 2025 16:15
 Operator : JC/MD
 Sample : Q2082-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-360-362

Quant Time: May 22 01:51:36 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)

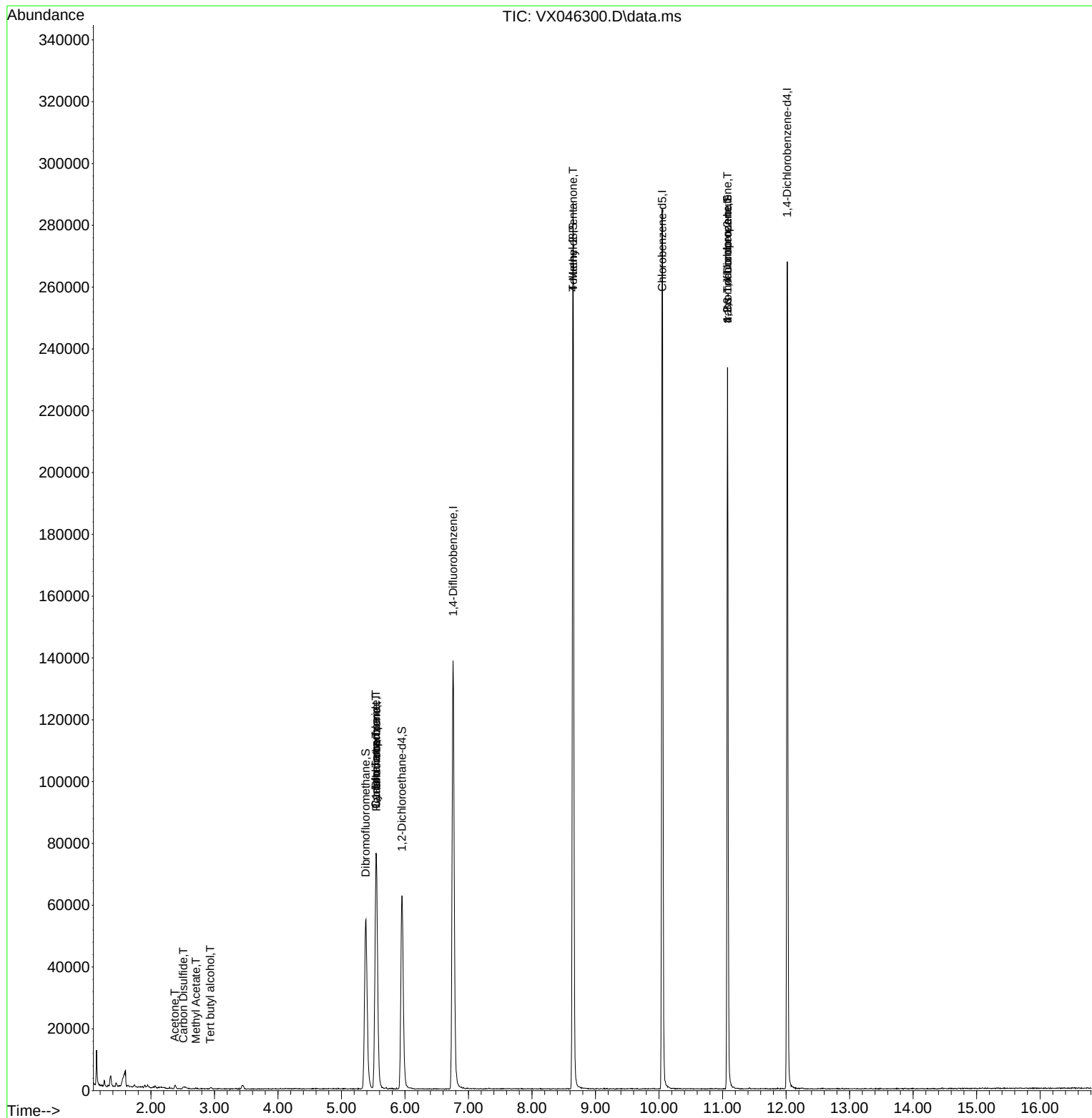
Internal Standards						
1) Pentafluorobenzene	5.550	168	65131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64595	53.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	5.379	113	47275	49.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	8.647	98	161210	49.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.079	95	61552	49.028	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.060%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.934	59	95	0.557	ug/l #	72
16) Acetone	2.374	43	1268	2.604	ug/l #	75
17) Carbon Disulfide	2.508	76	680	0.371	ug/l #	76
18) Methyl Acetate	2.709	43	353	0.312	ug/l #	55
31) Cyclohexane	5.544	56	1959	1.354	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	6655	5.238	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7869	5.512	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	883	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34870	28.836	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34870	93.881	ug/l #	1

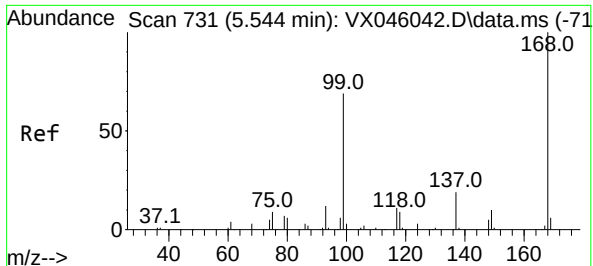
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
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Instrument :
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BP-VPB-182-GW-360-362

Quant Time: May 22 01:51:36 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

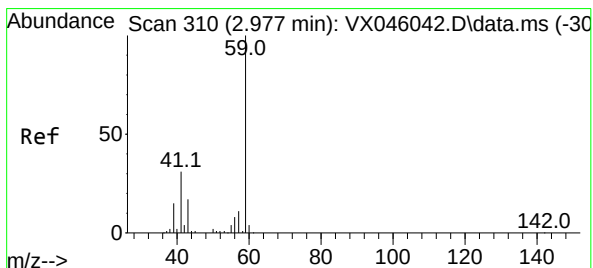
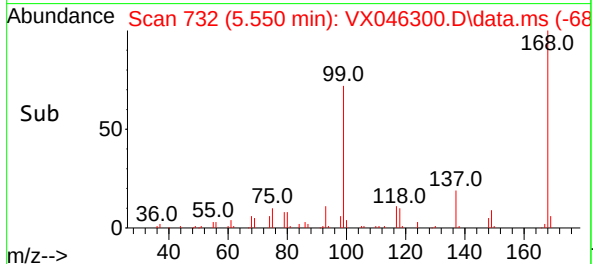
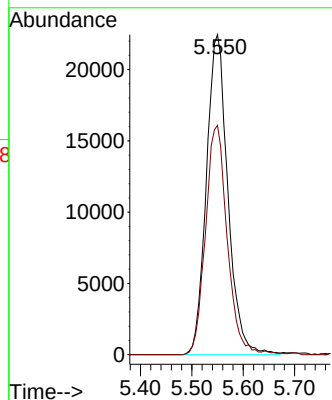
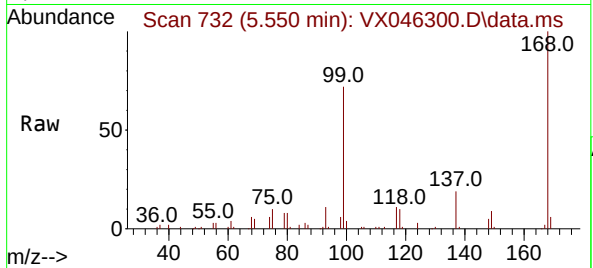




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

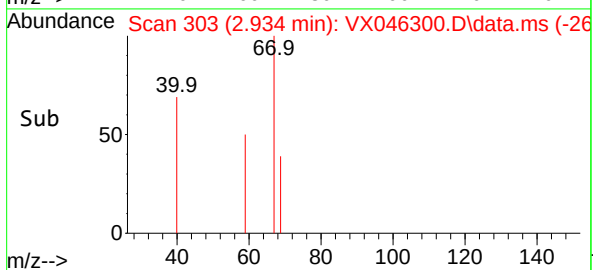
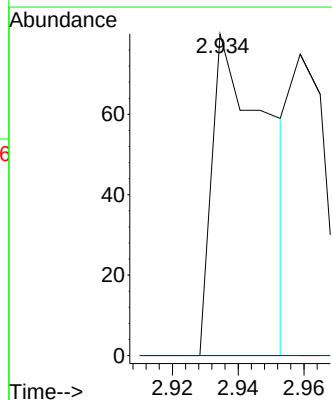
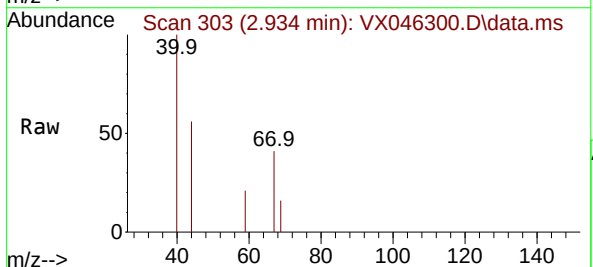
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

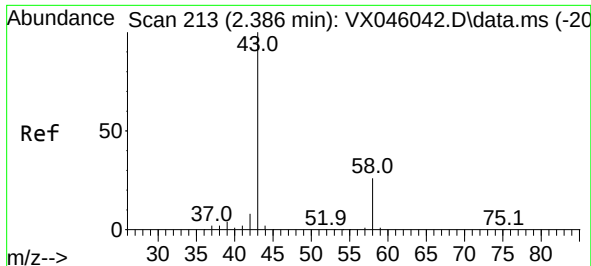
Tgt Ion:168 Resp: 65131
Ion Ratio Lower Upper
168 100
99 71.6 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.557 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.043 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

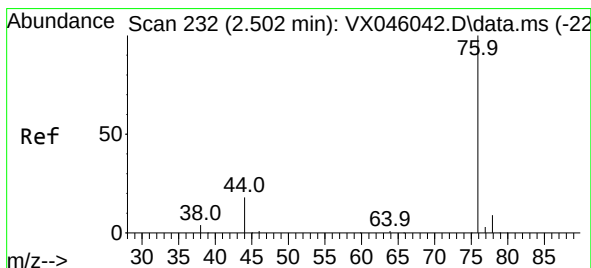
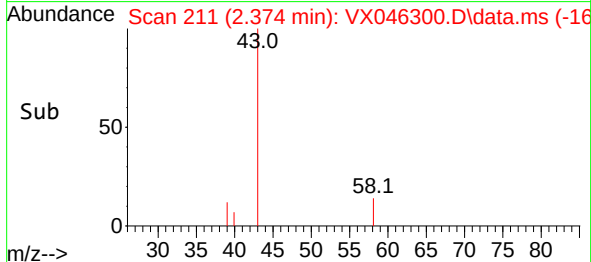
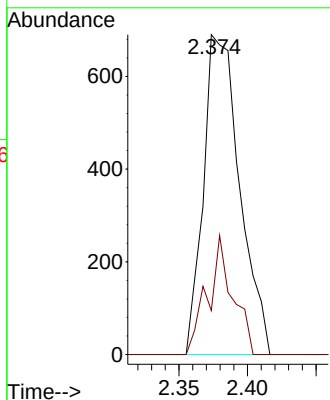
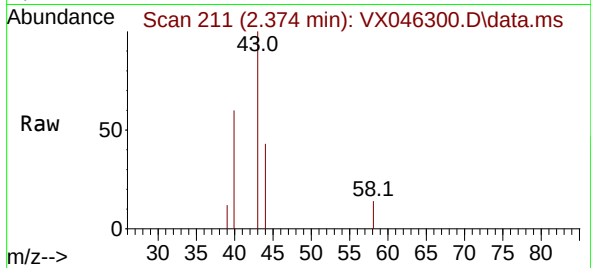




#16
Acetone
Concen: 2.604 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

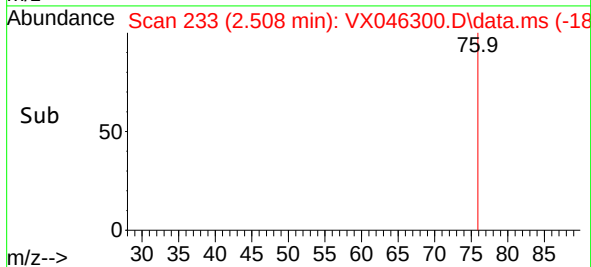
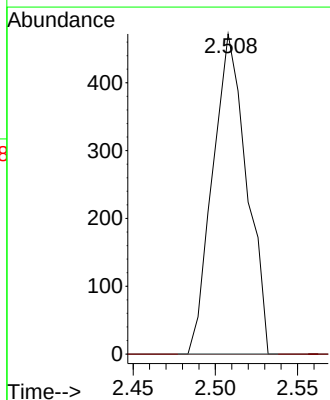
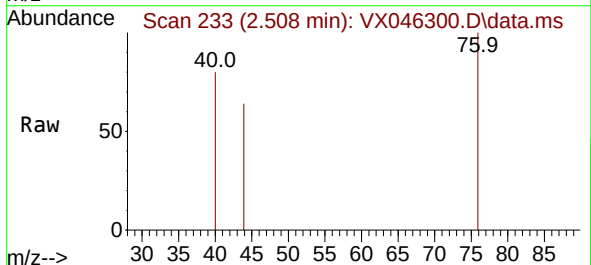
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

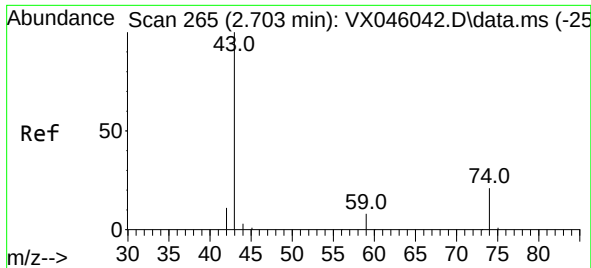
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 13.8 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 76 Resp: 680
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

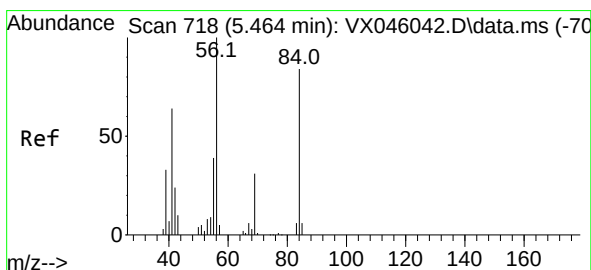
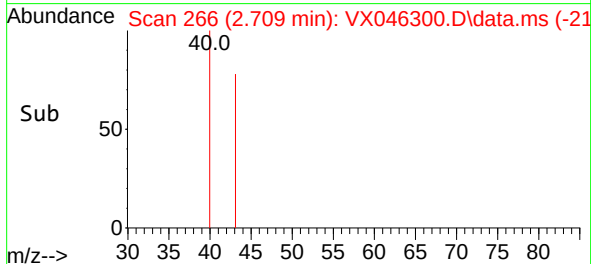
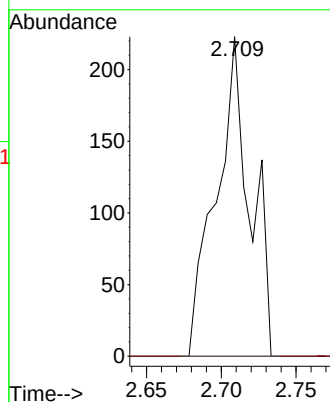
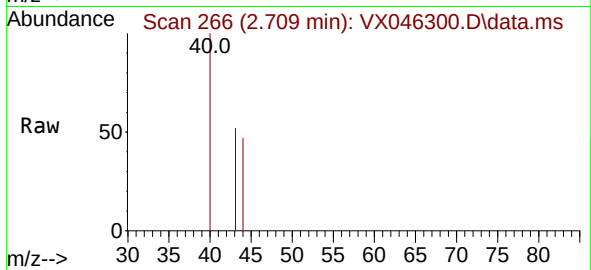




#18
Methyl Acetate
Concen: 0.312 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

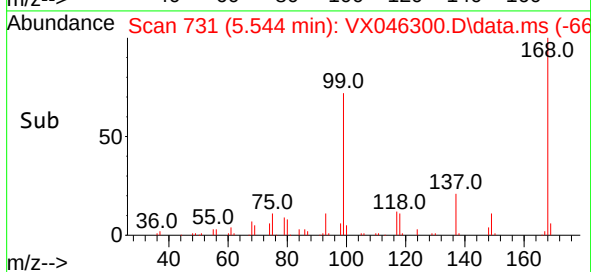
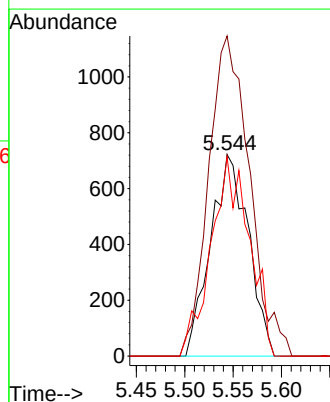
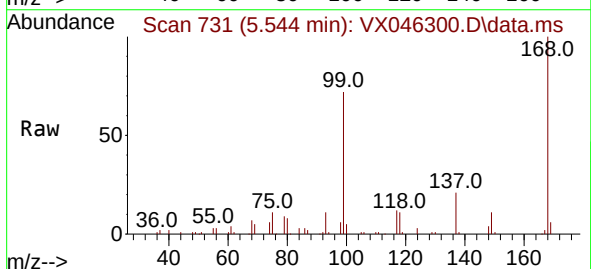
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

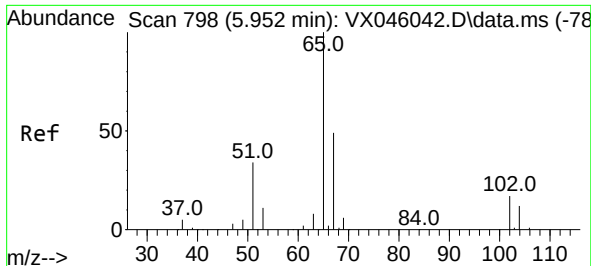
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 56 Resp: 1959
Ion Ratio Lower Upper
56 100
69 158.9 24.4 36.6#
84 98.9 66.9 100.3

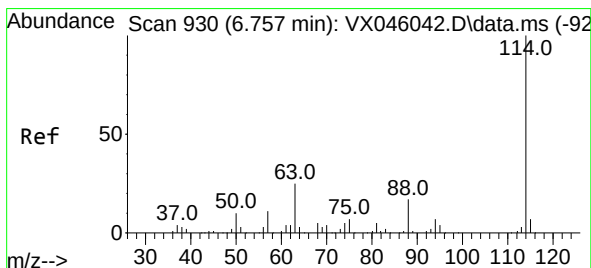
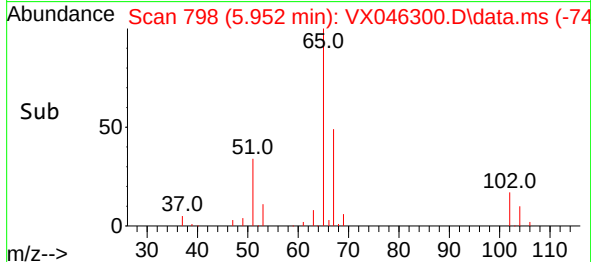
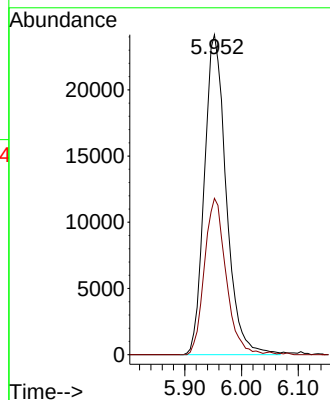
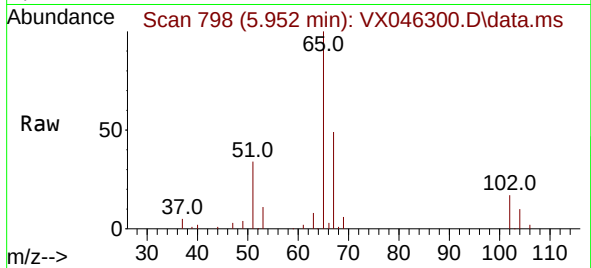




#33
 1,2-Dichloroethane-d4
 Concen: 53.197 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046300.D
 Acq: 21 May 2025 16:15

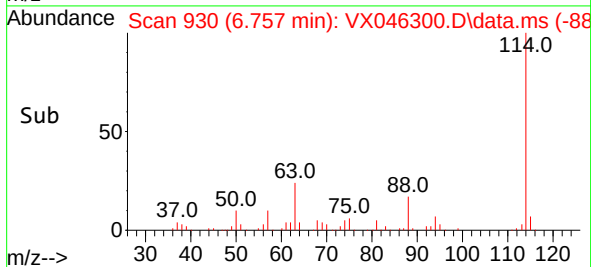
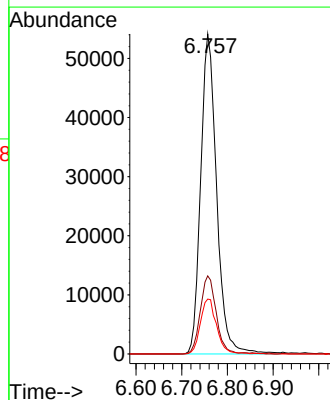
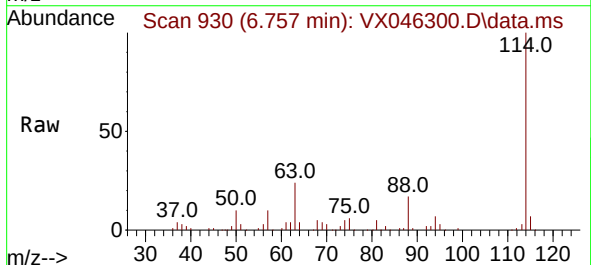
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-360-362

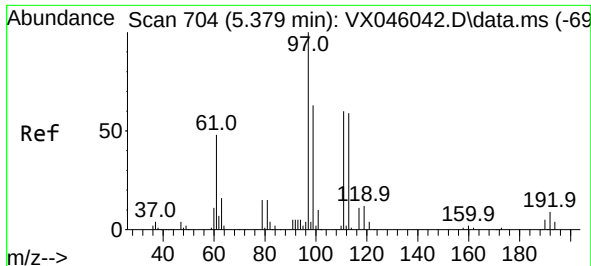
Tgt Ion: 65 Resp: 64595
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046300.D
 Acq: 21 May 2025 16:15

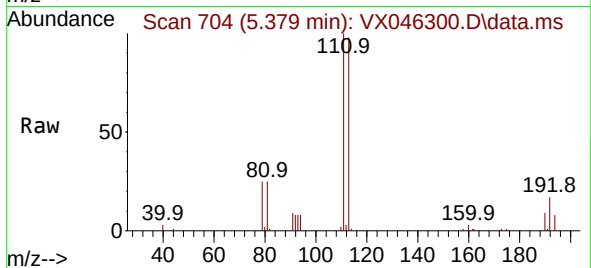
Tgt Ion: 114 Resp: 131317
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.2 0.0 33.6



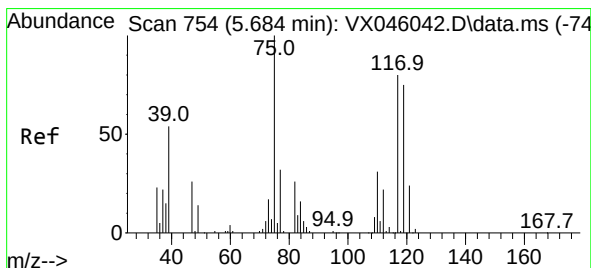
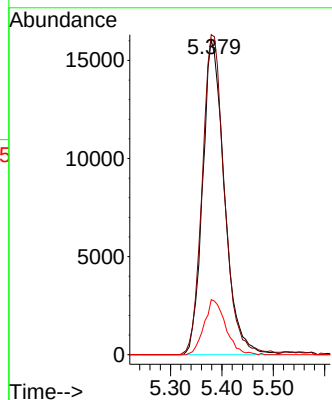
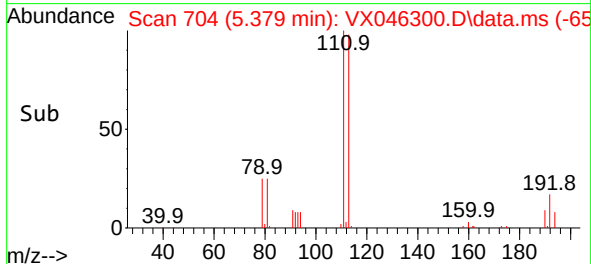


#35
Dibromofluoromethane
Concen: 49.994 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

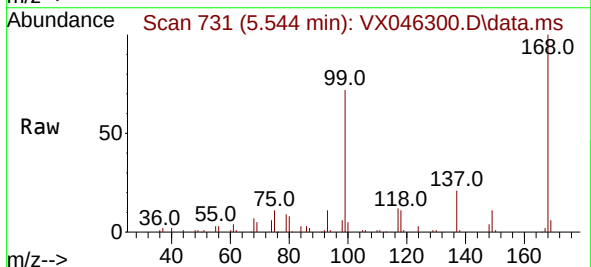
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362



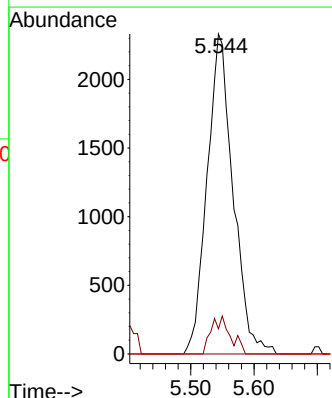
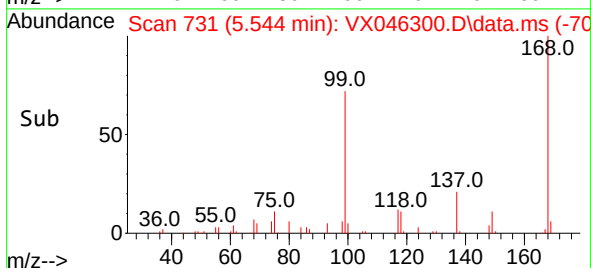
Tgt Ion:113 Resp: 47275
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 17.2 13.3 19.9

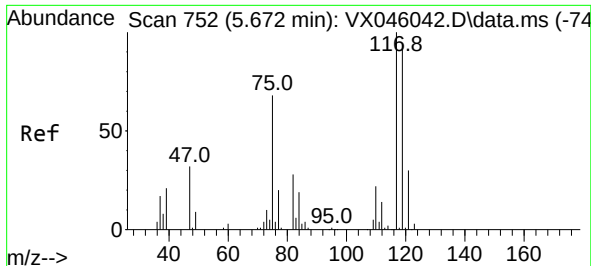


#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15



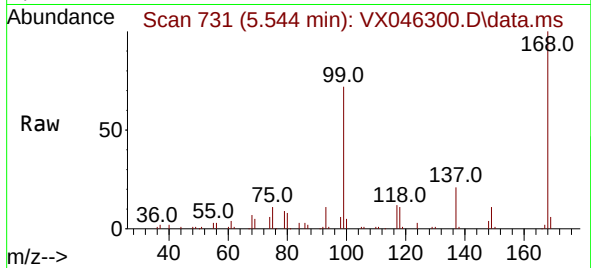
Tgt Ion: 75 Resp: 6655
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.3 36.5#



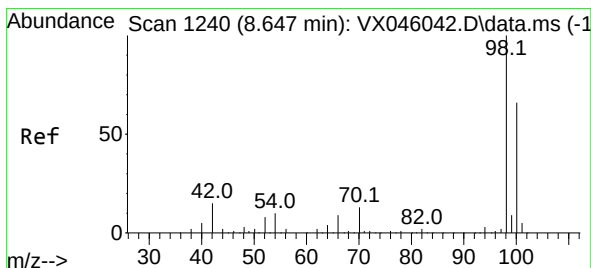
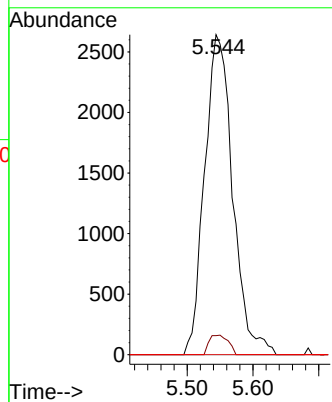
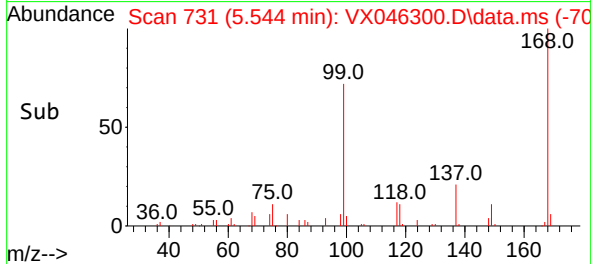


#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

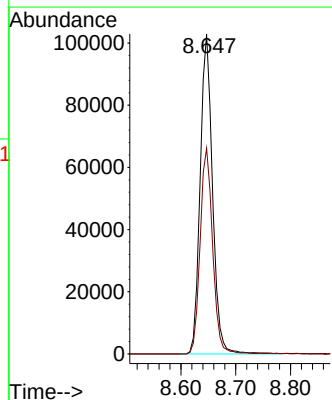
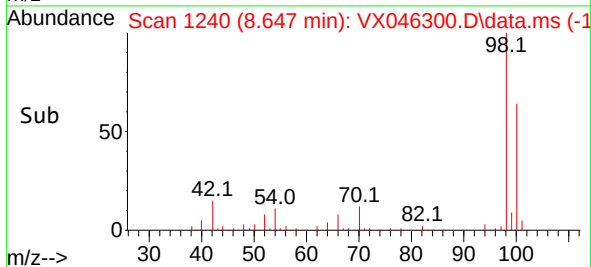
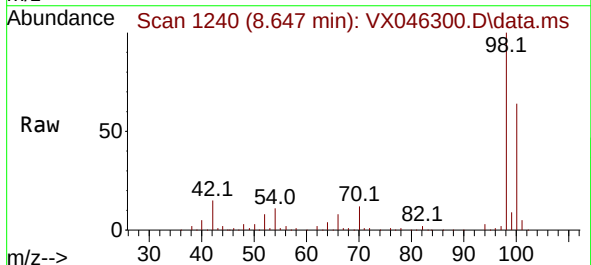


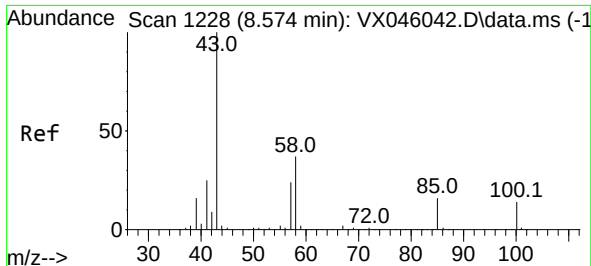
Tgt Ion:117 Resp: 7869
Ion Ratio Lower Upper
117 100
119 6.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.256 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 98 Resp: 161210
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

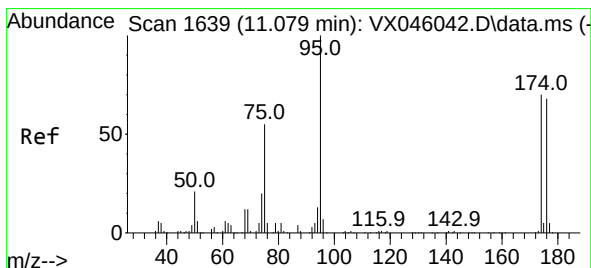
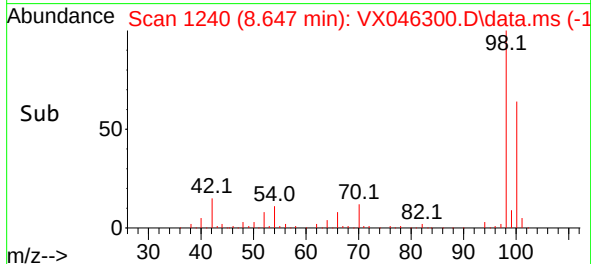
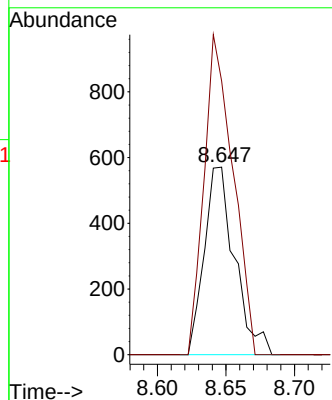
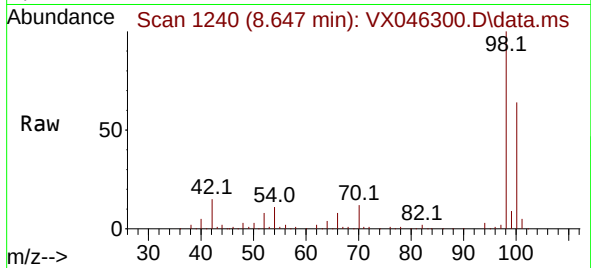




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

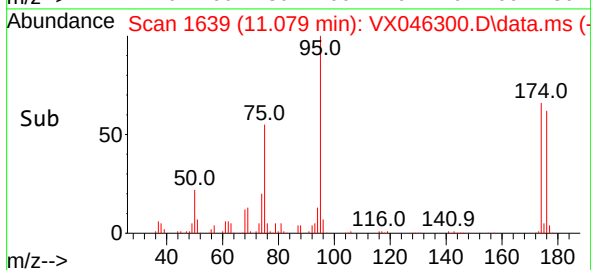
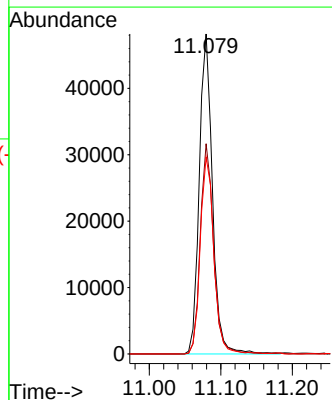
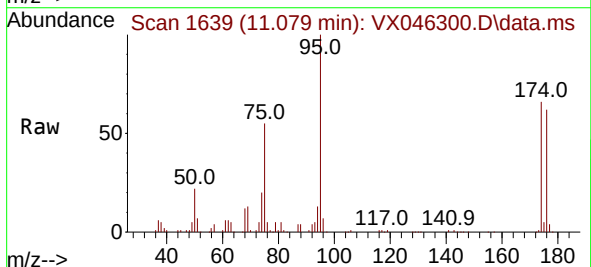
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BP-VPB-182-GW-360-362

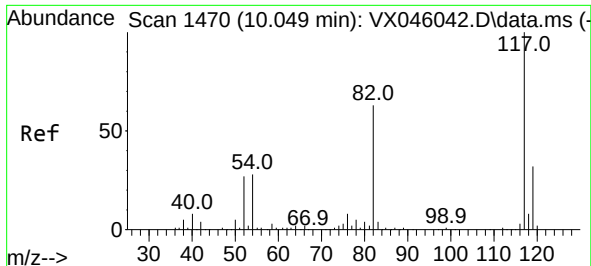
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 162.1 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion: 95 Resp: 61552
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.6 0.0 131.4

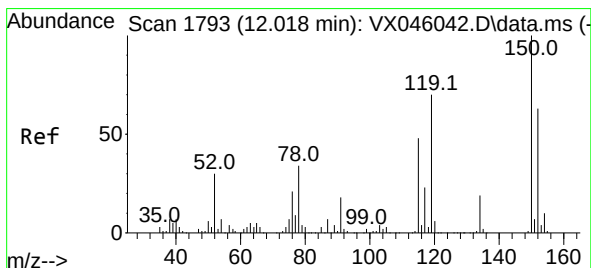
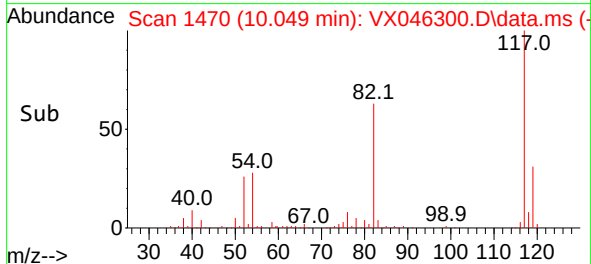
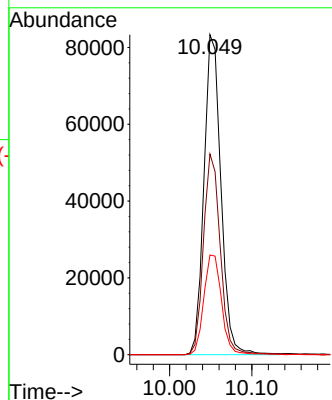
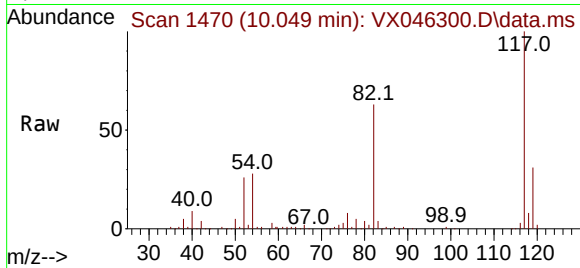




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

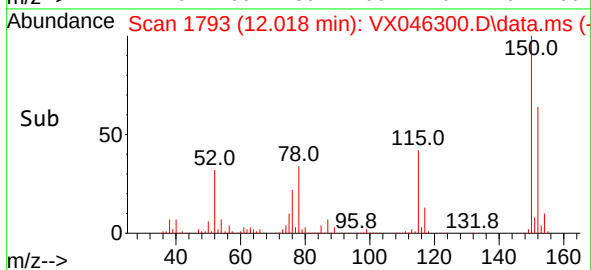
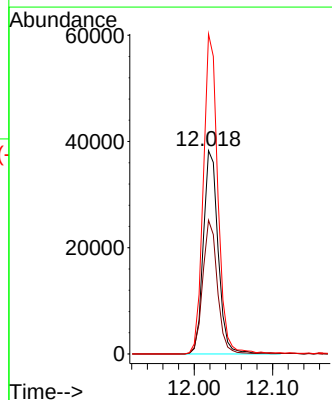
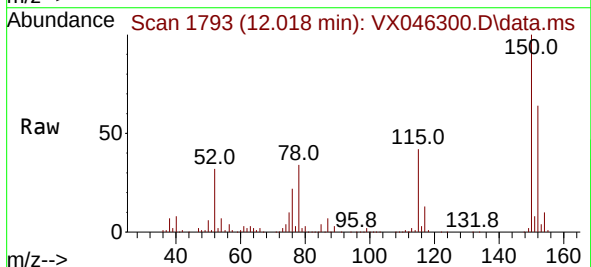
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-360-362

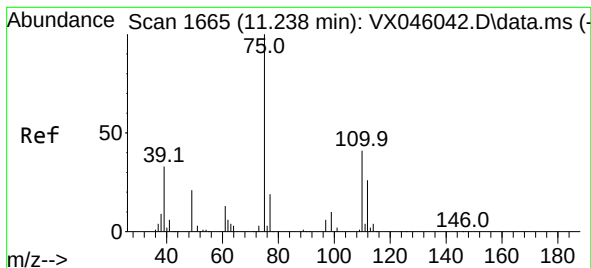
Tgt Ion:117 Resp: 119664
Ion Ratio Lower Upper
117 100
82 62.7 50.6 76.0
119 31.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046300.D
Acq: 21 May 2025 16:15

Tgt Ion:152 Resp: 50238
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 154.6 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 28.836 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046300.D

Acq: 21 May 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

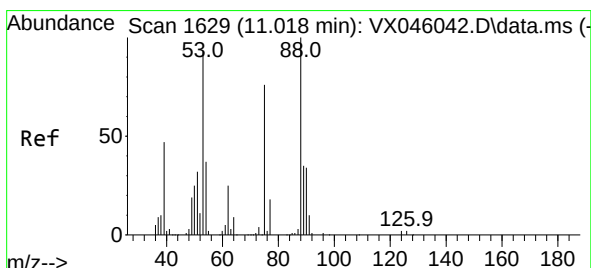
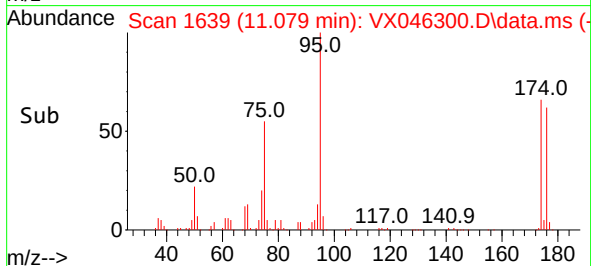
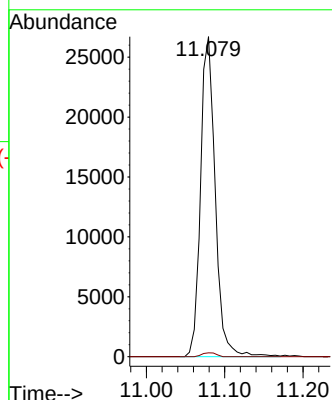
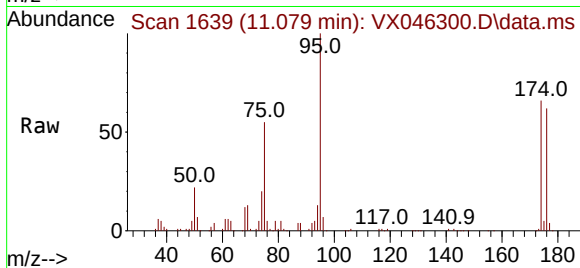
BP-VPB-182-GW-360-362

Tgt Ion: 75 Resp: 34870

Ion Ratio Lower Upper

75 100

77 1.2 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.881 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046300.D

Acq: 21 May 2025 16:15

Tgt Ion: 75 Resp: 34870

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

