

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046295.D
 Acq On : 21 May 2025 14:19
 Operator : JC/MD
 Sample : Q2082-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-300-302

Quant Time: May 22 01:49:39 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)

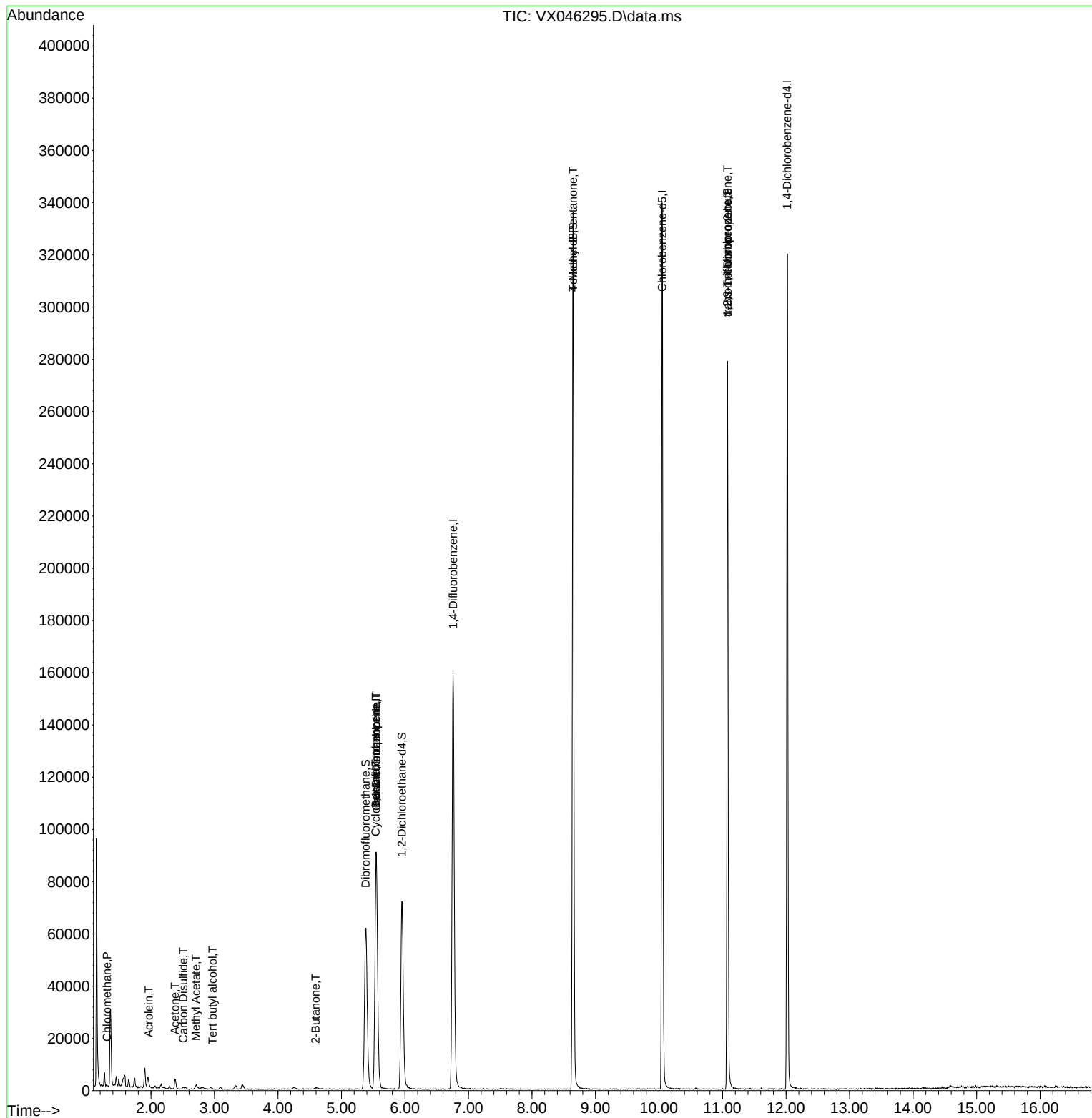
Internal Standards						
1) Pentafluorobenzene	5.544	168	76265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74947	52.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.420%	
35) Dibromofluoromethane	5.379	113	54679	50.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.300%	
50) Toluene-d8	8.647	98	190308	50.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	11.079	95	73804	50.985	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	485	0.428	ug/l #	80
11) Tert butyl alcohol	2.971	59	258	1.293	ug/l #	72
13) Acrolein	1.965	56	120	0.528	ug/l #	1
16) Acetone	2.380	43	4409	7.734	ug/l	99
17) Carbon Disulfide	2.508	76	849	0.396	ug/l #	76
18) Methyl Acetate	2.709	43	583	0.441	ug/l #	63
25) 2-Butanone	4.593	43	1065	1.287	ug/l #	53
31) Cyclohexane	5.538	56	2461	1.452	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7421	5.066	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9089	5.522	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1080	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41198	29.148	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41198	94.898	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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Sample : Q2082-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

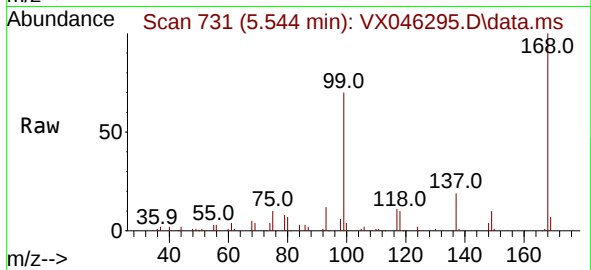
Quant Time: May 22 01:49:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



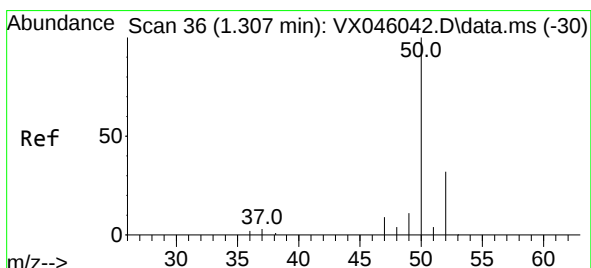
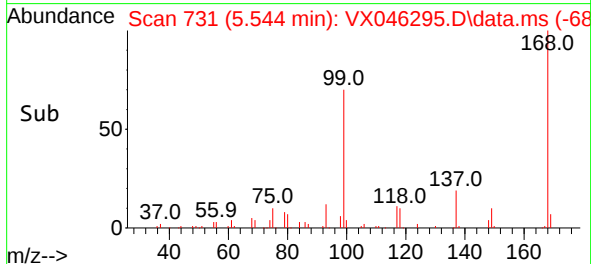
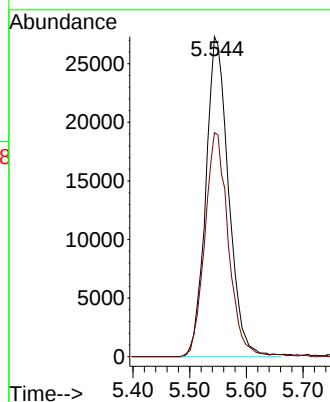


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

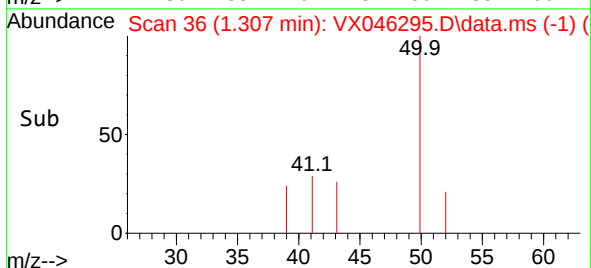
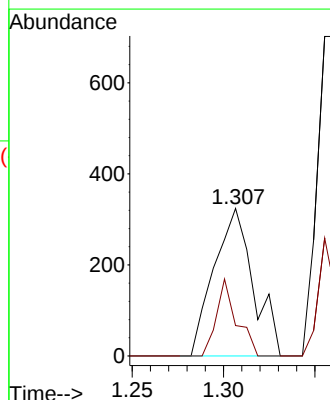
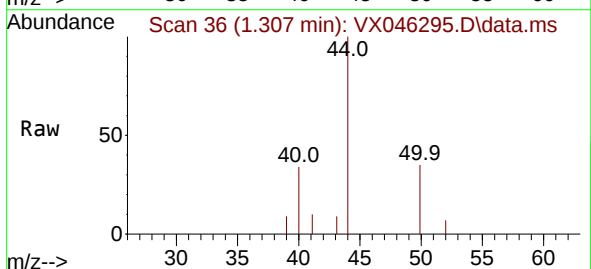


Tgt Ion:168 Resp: 76265
Ion Ratio Lower Upper
168 100
99 70.0 54.9 82.3



#3
Chloromethane
Concen: 0.428 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Tgt Ion: 50 Resp: 485
Ion Ratio Lower Upper
50 100
52 20.7 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.293 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX046295.D

Acq: 21 May 2025 14:19

Instrument :

MSVOA_X

ClientSampleId :

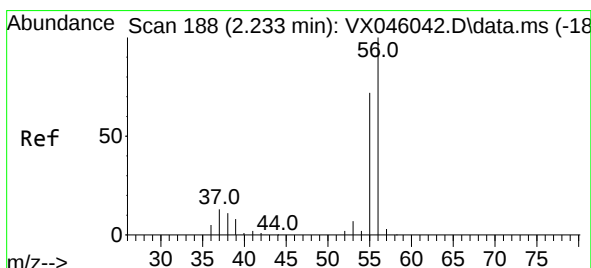
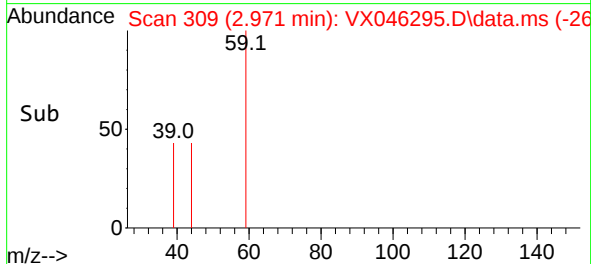
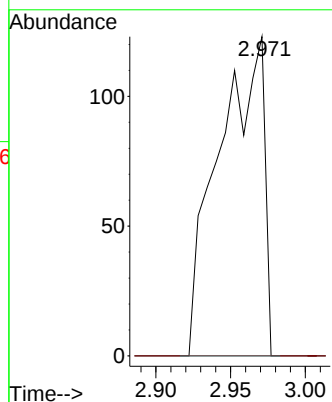
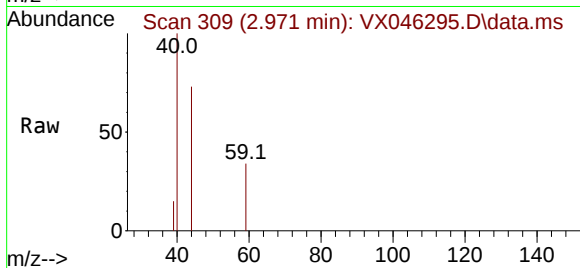
BP-VPB-182-GW-300-302

Tgt Ion: 59 Resp: 258

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.528 ug/l

RT: 1.965 min Scan# 144

Delta R.T. -0.268 min

Lab File: VX046295.D

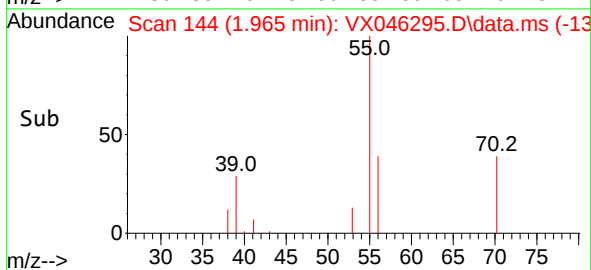
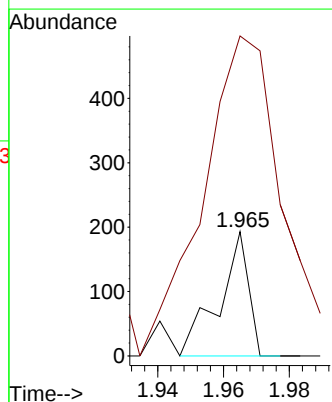
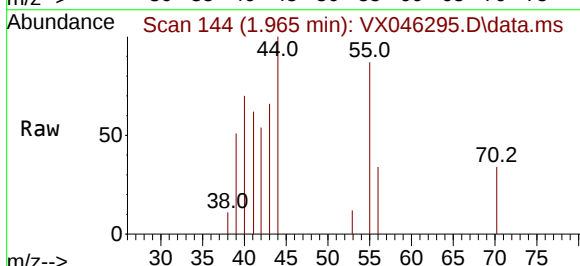
Acq: 21 May 2025 14:19

Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 631.7 56.2 84.4#

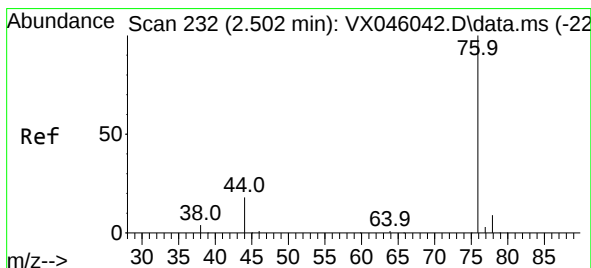
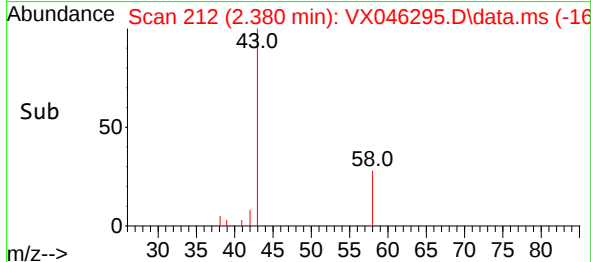
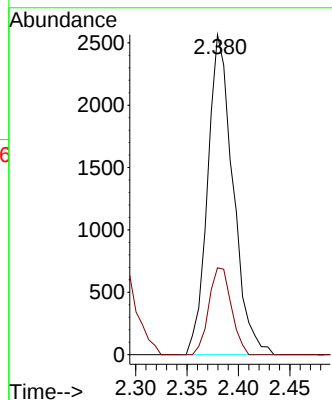
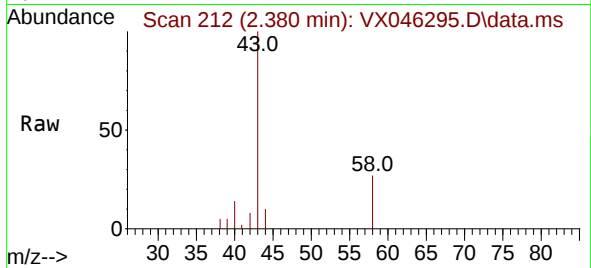




#16
Acetone
Concen: 7.734 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

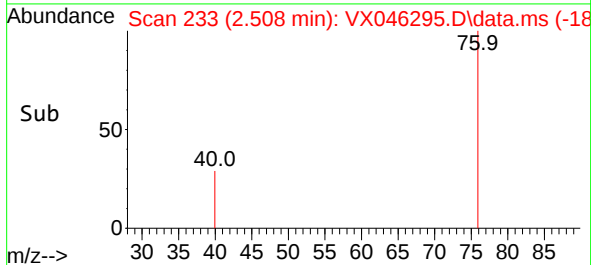
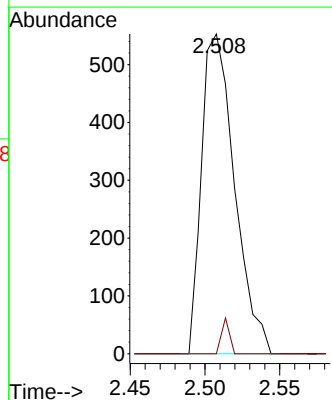
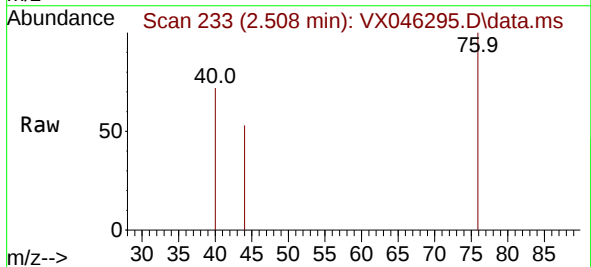
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

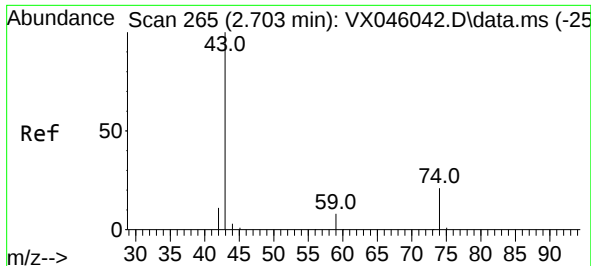
Tgt Ion: 43 Resp: 4409
Ion Ratio Lower Upper
43 100
58 27.1 21.2 31.8



#17
Carbon Disulfide
Concen: 0.396 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Tgt Ion: 76 Resp: 849
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

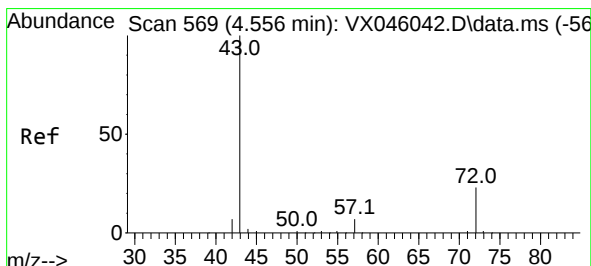
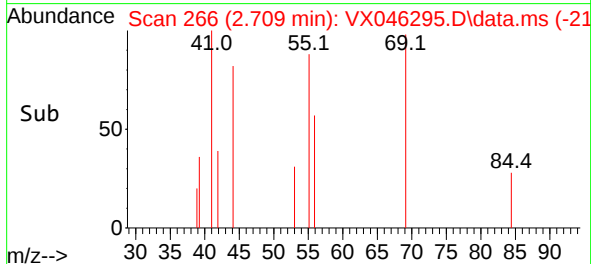
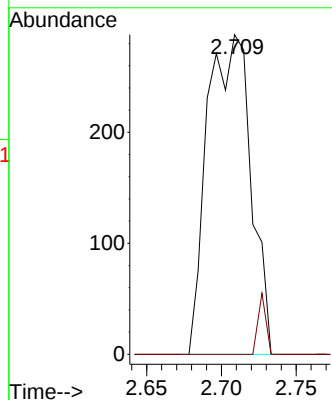
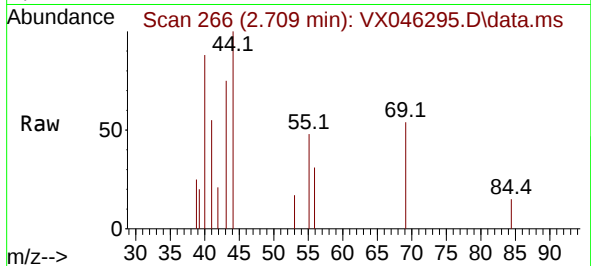




#18
Methyl Acetate
Concen: 0.441 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

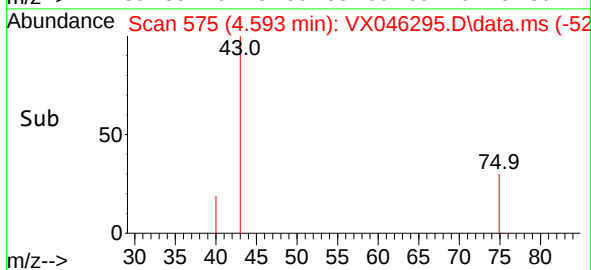
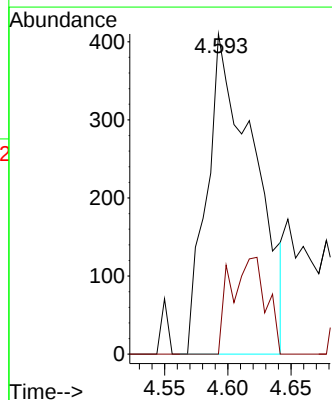
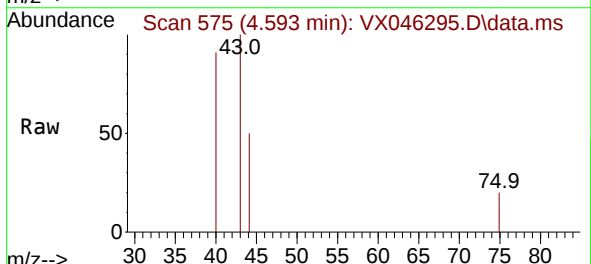
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

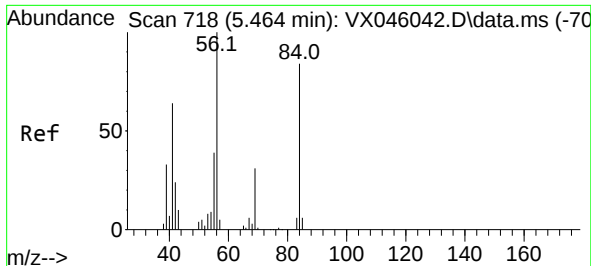
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
74 3.4 16.7 25.1#



#25
2-Butanone
Concen: 1.287 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.036 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

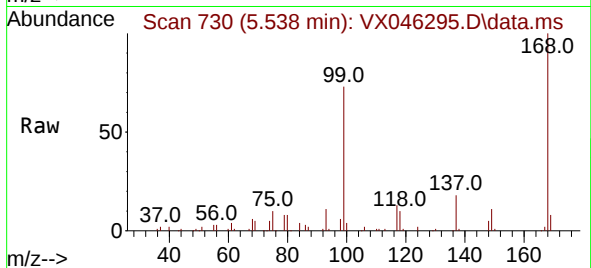
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#



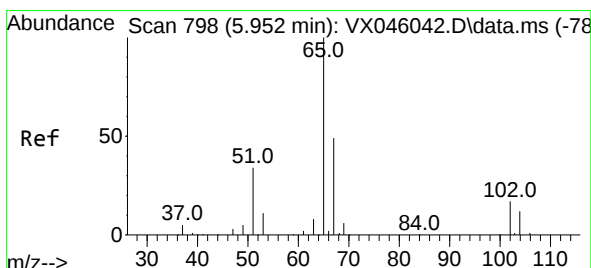
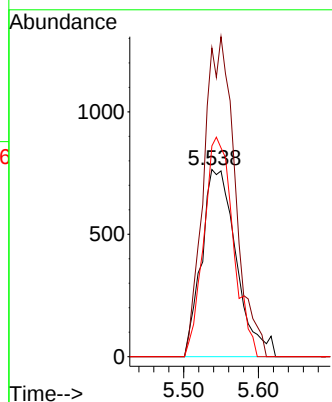
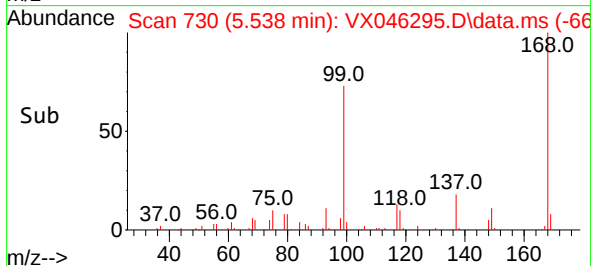


#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Instrument :
MSVOA_X
ClientSampleId :
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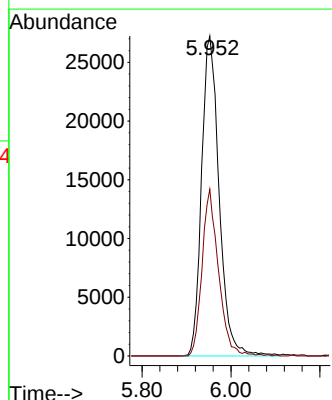
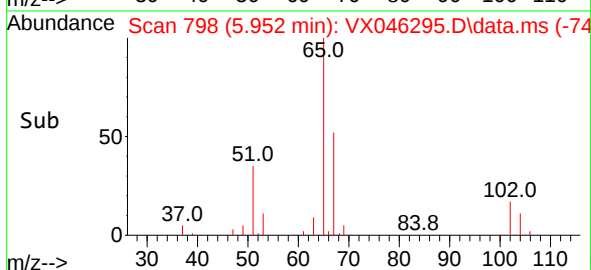
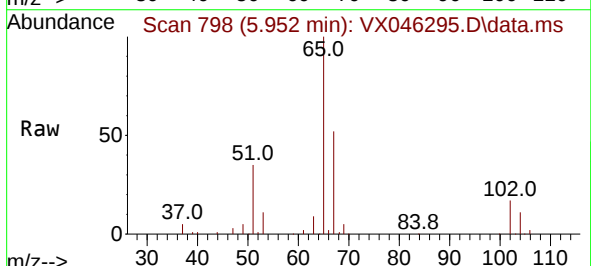


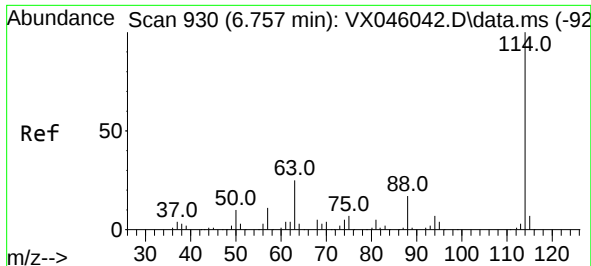
Tgt Ion: 56 Resp: 2461
Ion Ratio Lower Upper
56 100
69 164.8 24.4 36.6#
84 112.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.712 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Tgt Ion: 65 Resp: 74947
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

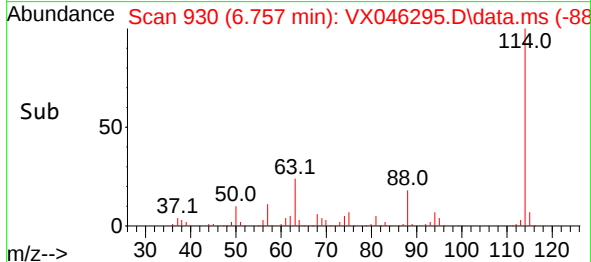
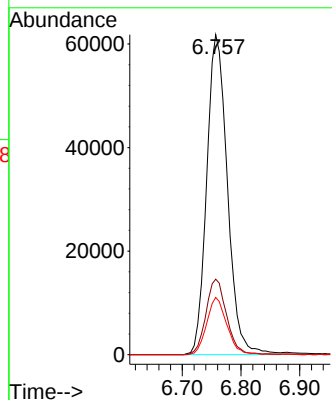
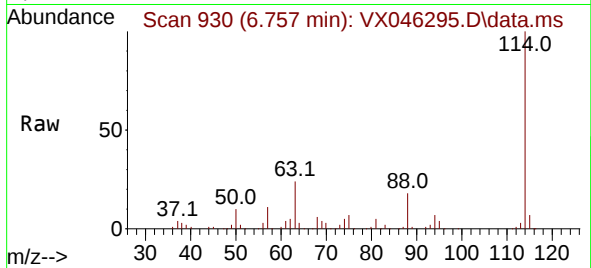




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

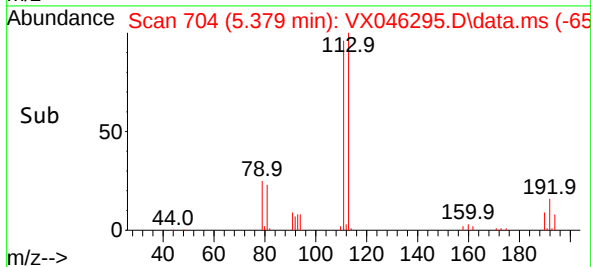
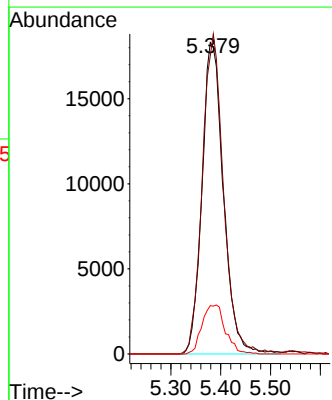
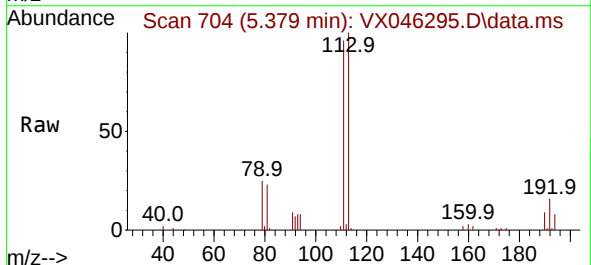
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MSVOA_X
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BP-VPB-182-GW-300-302

Tgt Ion:114 Resp: 151412
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

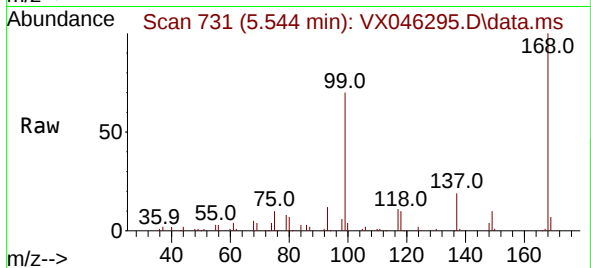
Tgt Ion:113 Resp: 54679
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.1 13.3 19.9



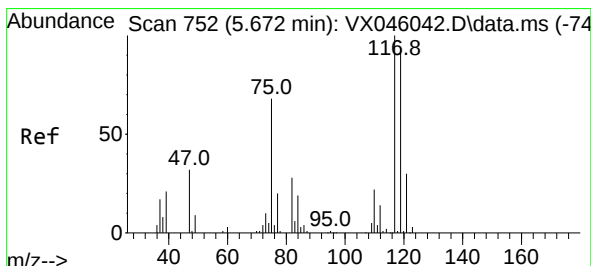
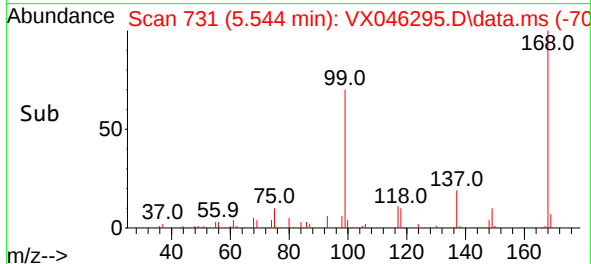
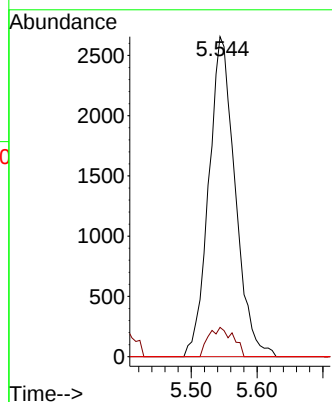


#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

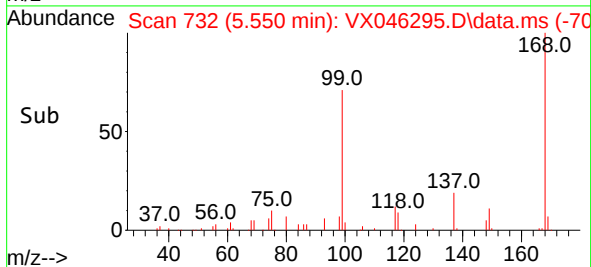
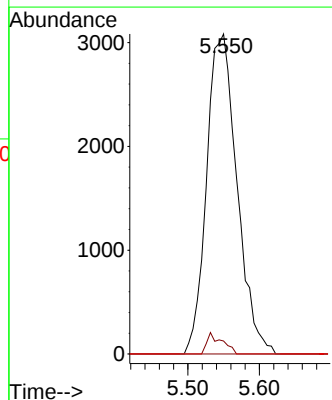
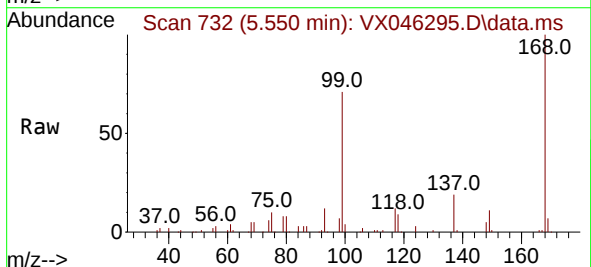


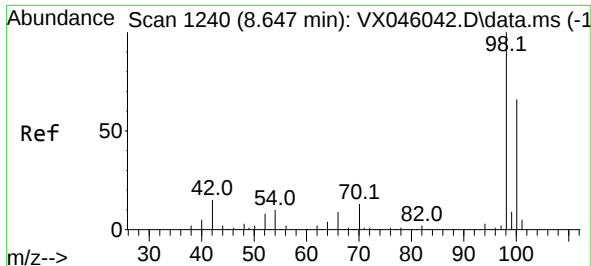
Tgt Ion: 75 Resp: 7421
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Tgt Ion: 117 Resp: 9089
Ion Ratio Lower Upper
117 100
119 4.1 75.2 112.8#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 50.429 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046295.D

Acq: 21 May 2025 14:19

Instrument :

MSVOA_X

ClientSampleId :

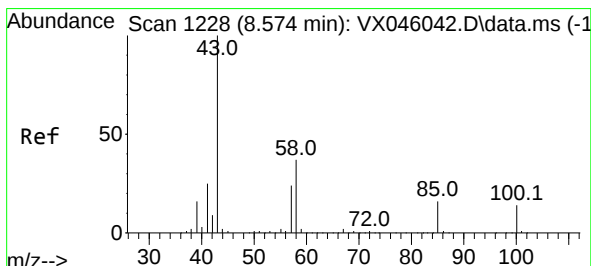
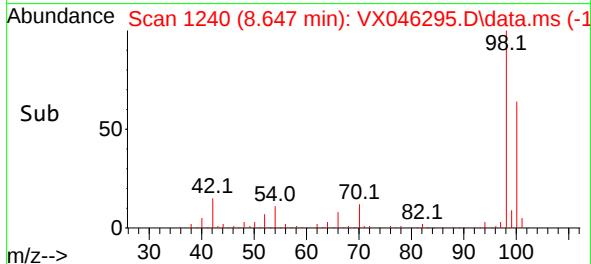
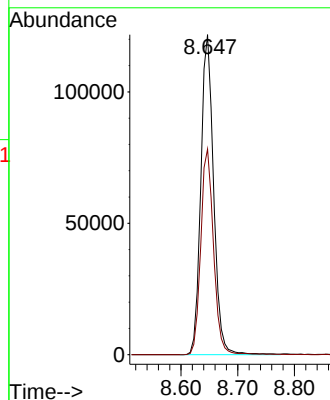
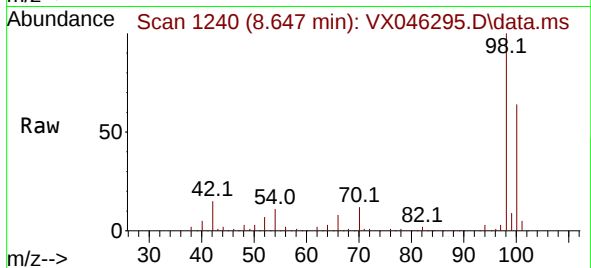
BP-VPB-182-GW-300-302

Tgt Ion: 98 Resp: 190308

Ion Ratio Lower Upper

98 100

100 64.3 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 0.589 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX046295.D

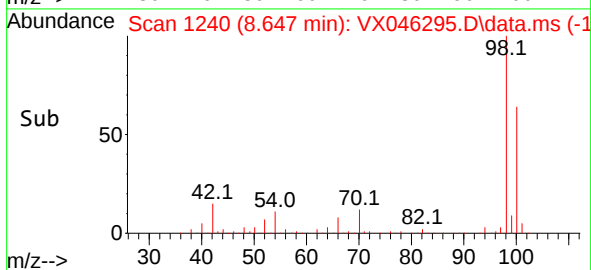
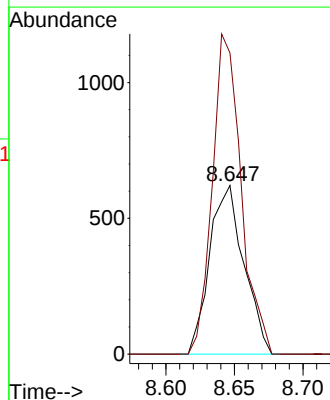
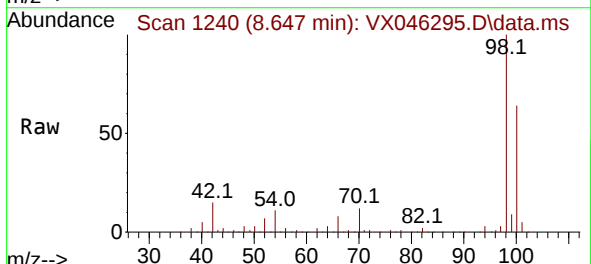
Acq: 21 May 2025 14:19

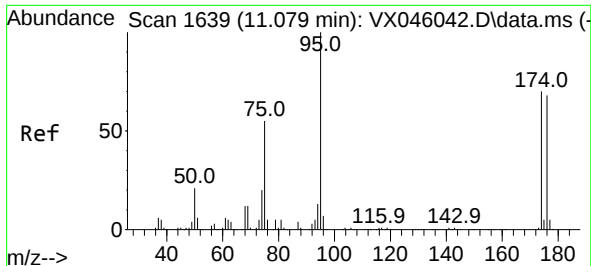
Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

43 100

58 159.8 28.9 43.3#

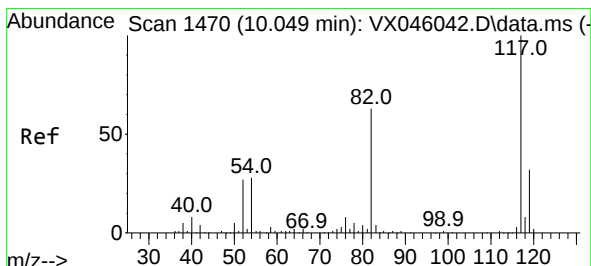
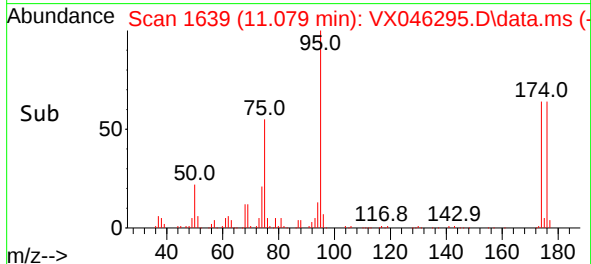
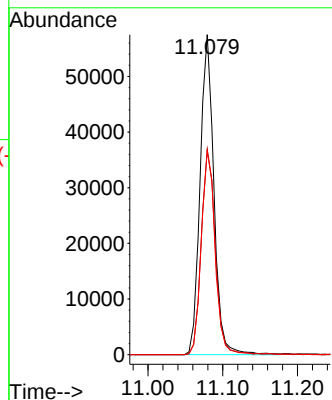
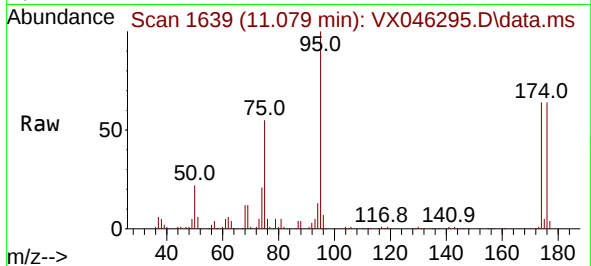




#62
4-Bromofluorobenzene
Concen: 50.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

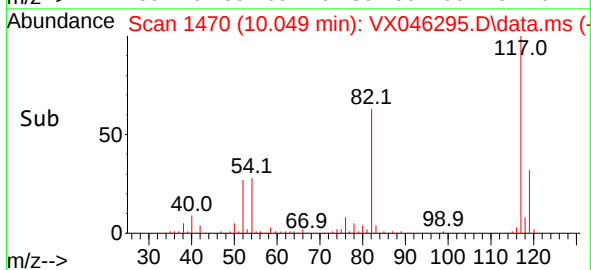
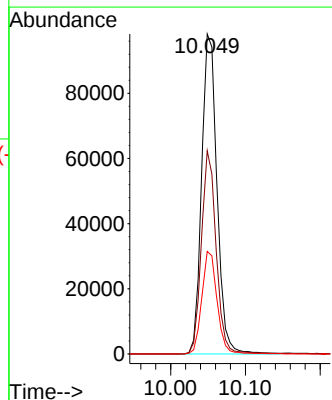
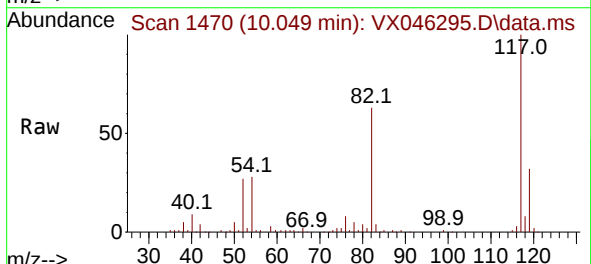
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

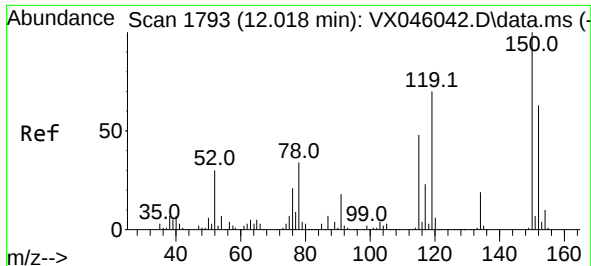
Tgt Ion: 95 Resp: 73804
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

Tgt Ion: 117 Resp: 140047
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 32.0 25.8 38.6

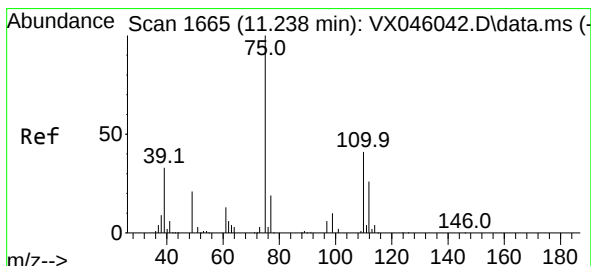
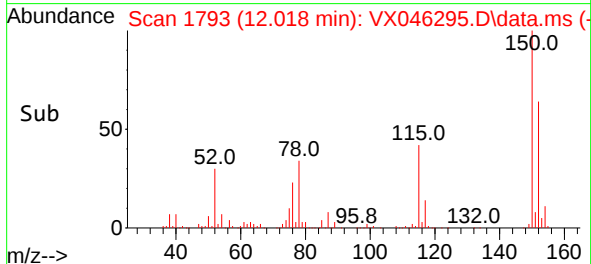
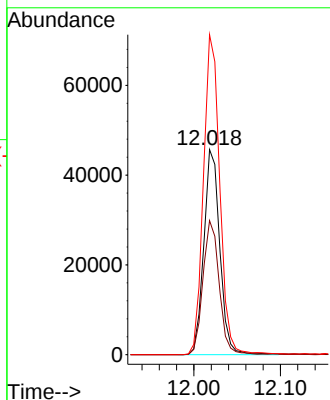
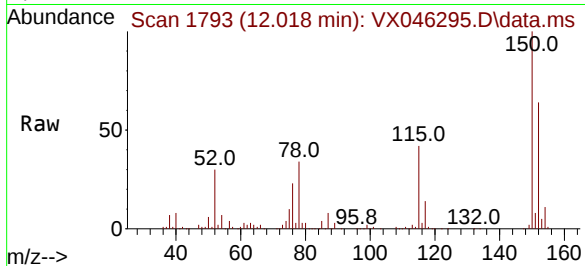




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

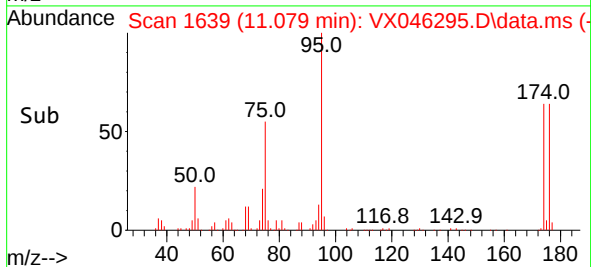
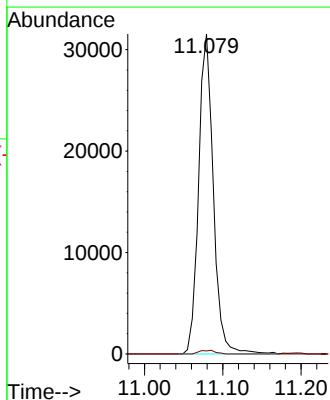
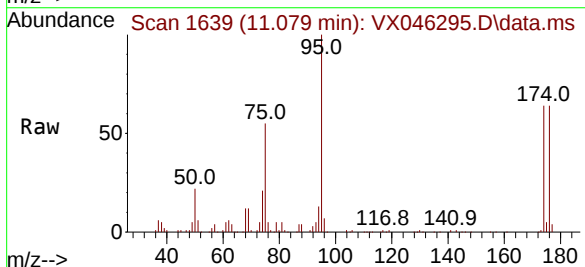
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-300-302

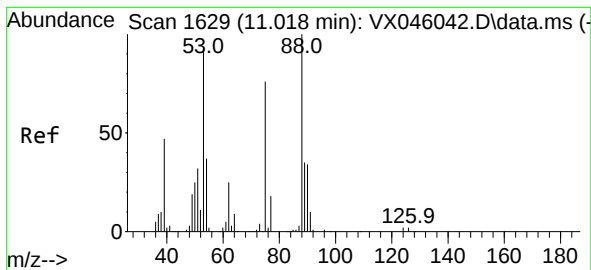
Tgt Ion:152 Resp: 58719
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 159.2 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 29.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046295.D
Acq: 21 May 2025 14:19

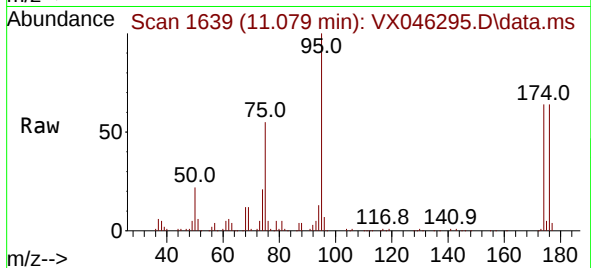
Tgt Ion: 75 Resp: 41198
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.898 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046295.D
 Acq: 21 May 2025 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-300-302



Tgt Ion: 75 Resp: 41198
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

