

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046299.D
 Acq On : 21 May 2025 15:52
 Operator : JC/MD
 Sample : Q2082-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-320-322

Quant Time: May 22 01:51:11 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)

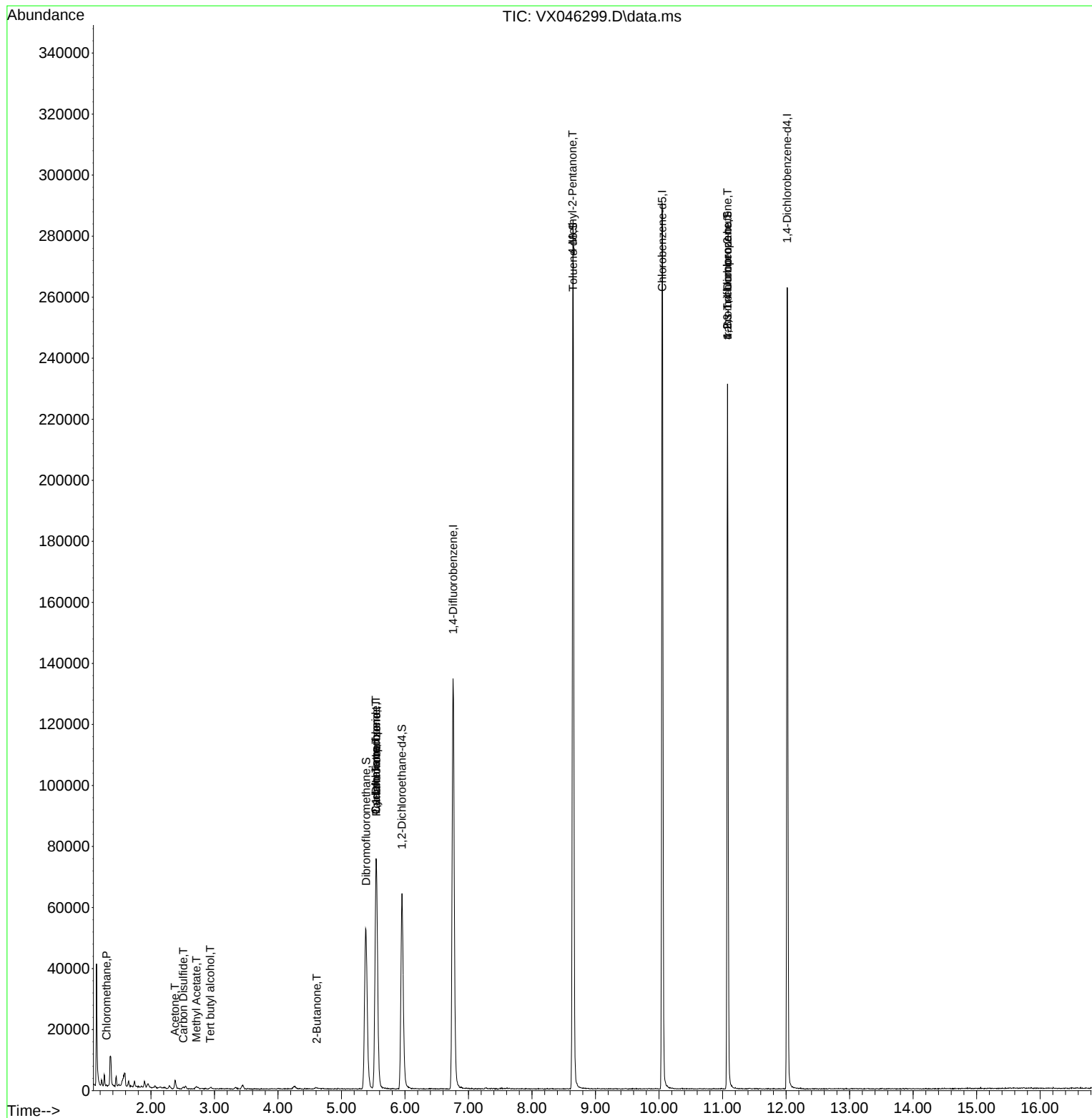
Internal Standards						
1) Pentafluorobenzene	5.550	168	64755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64288	53.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	5.385	113	46793	50.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	162006	51.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	60984	50.062	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	288	0.300	ug/l #	43
11) Tert butyl alcohol	2.934	59	93	0.549	ug/l #	72
16) Acetone	2.380	43	3079	6.361	ug/l	97
17) Carbon Disulfide	2.508	76	648	0.356	ug/l #	76
18) Methyl Acetate	2.715	43	391	0.348	ug/l #	55
25) 2-Butanone	4.611	43	812	1.155	ug/l #	53
31) Cyclohexane	5.544	56	1913	1.330	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6499	5.272	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7402	5.344	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	917	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34287	29.384	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34287	95.665	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046299.D
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Operator : JC/MD
Sample : Q2082-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

Quant Time: May 22 01:51:11 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

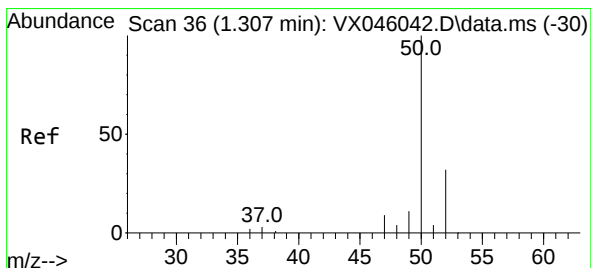
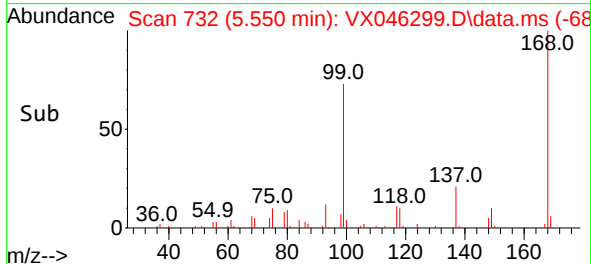
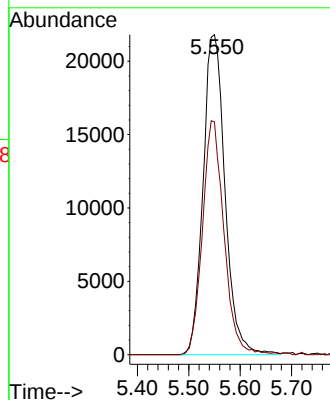
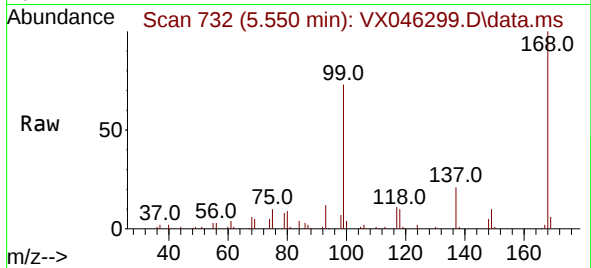




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

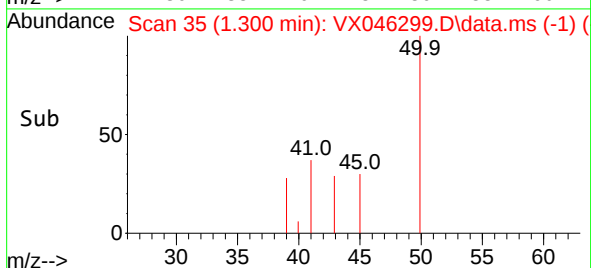
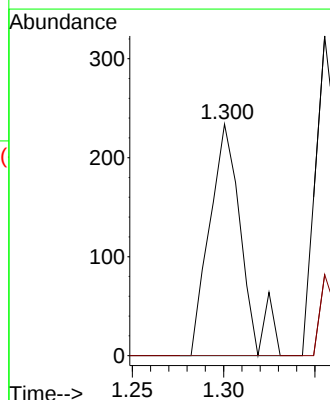
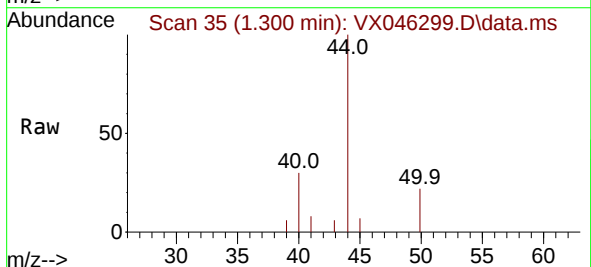
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

Tgt Ion:168 Resp: 64755
Ion Ratio Lower Upper
168 100
99 72.8 54.9 82.3



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

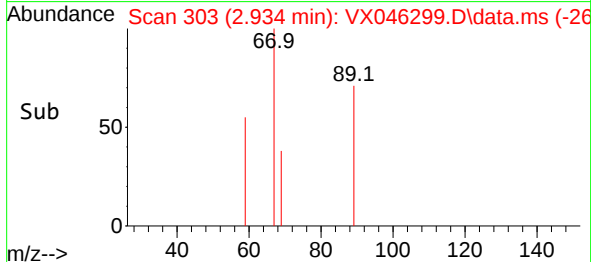
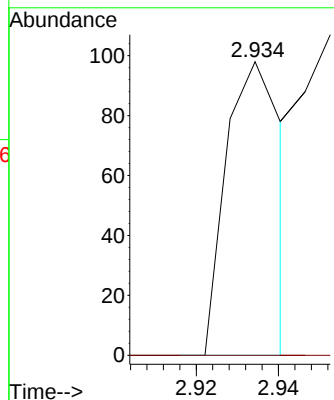
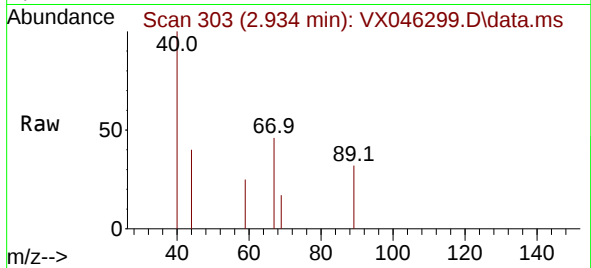




#11
Tert butyl alcohol
Concen: 0.549 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

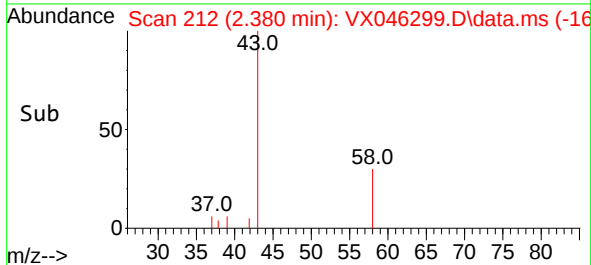
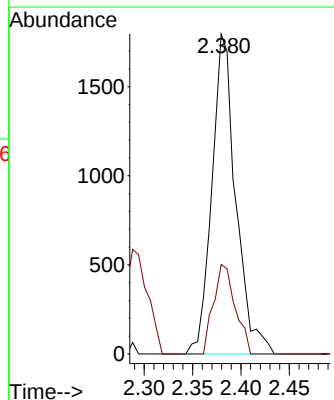
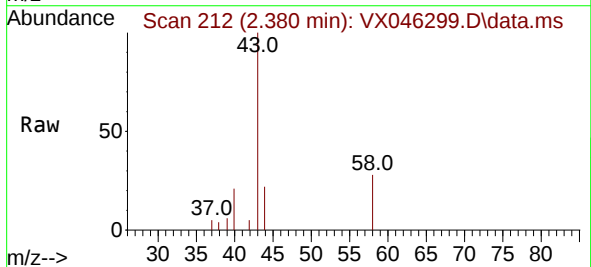
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

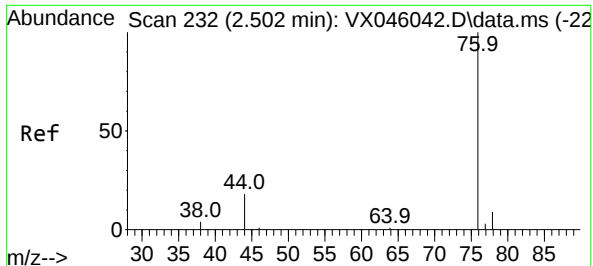
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 6.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 43 Resp: 3079
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8

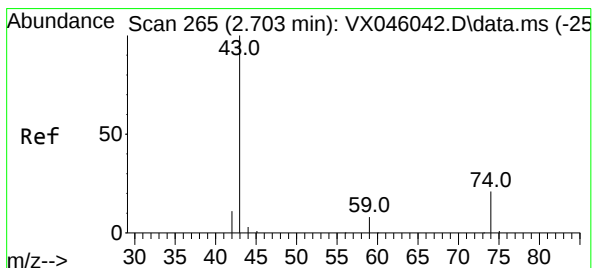
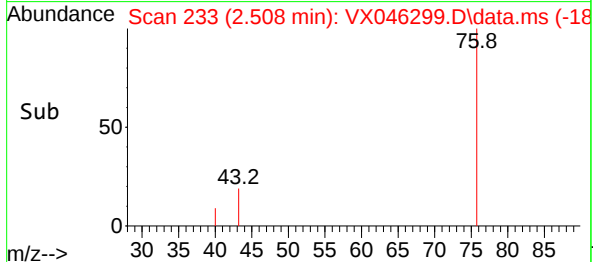
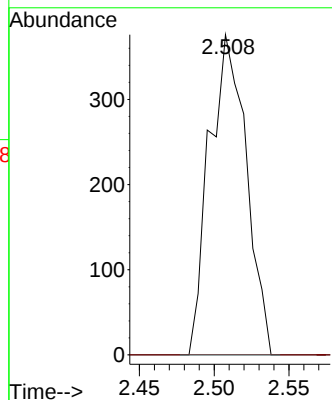
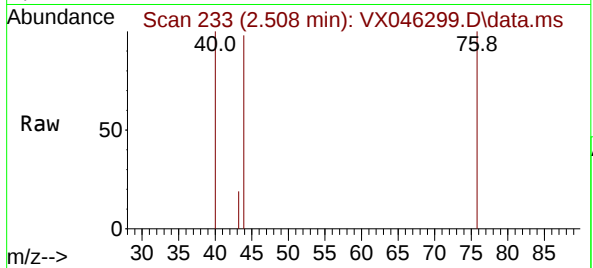




#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

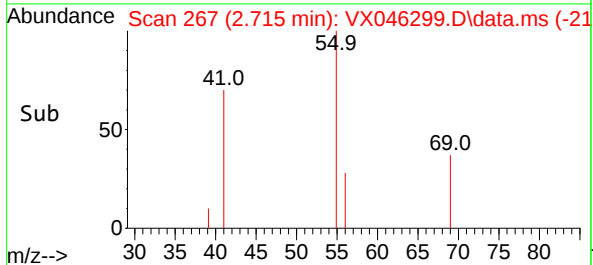
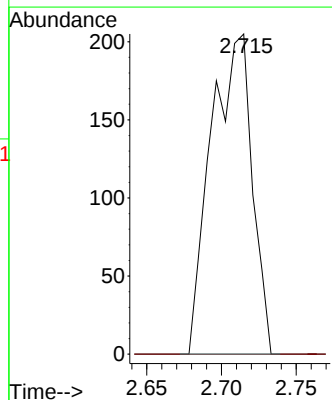
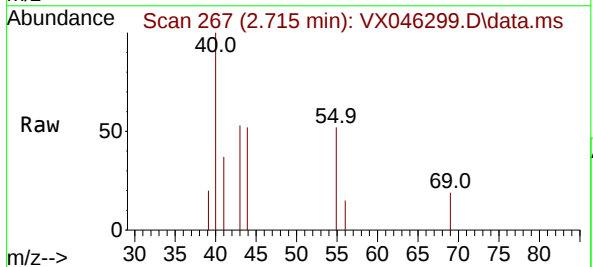
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

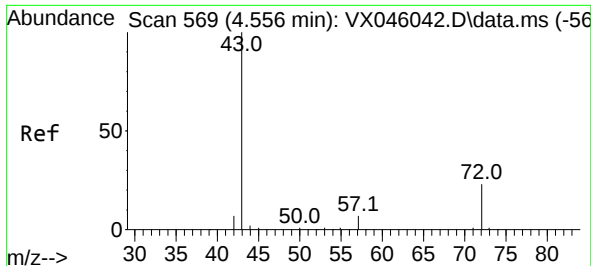
Tgt Ion: 76 Resp: 648
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

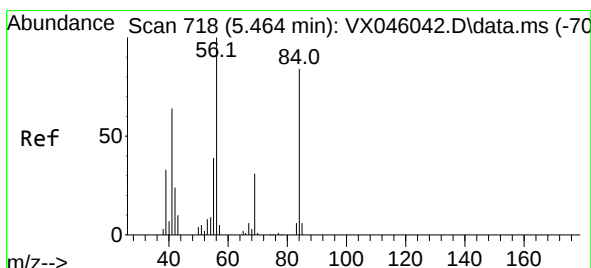
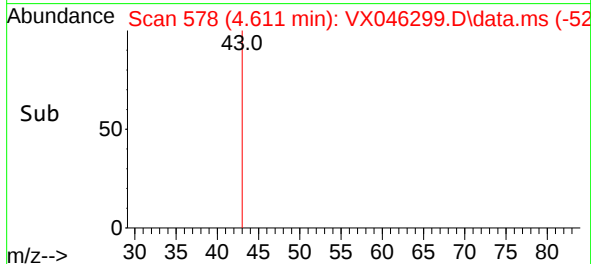
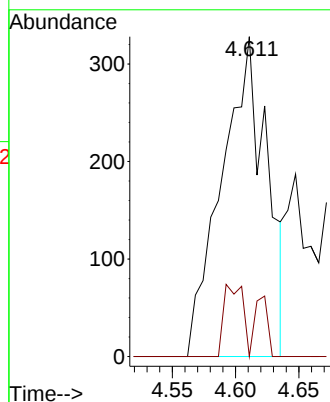
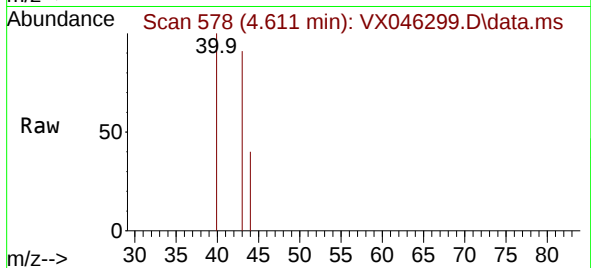




#25
2-Butanone
Concen: 1.155 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

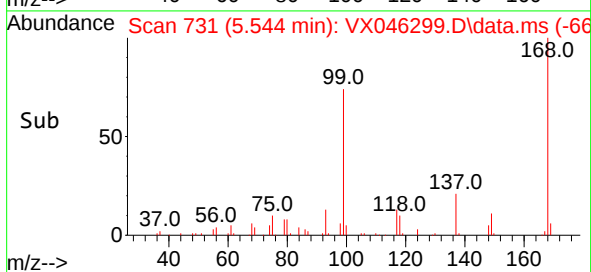
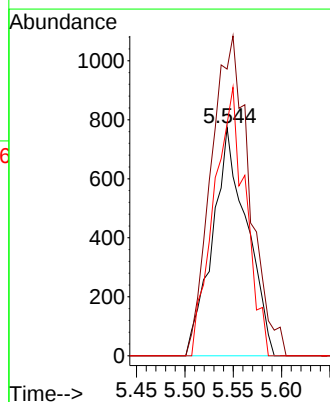
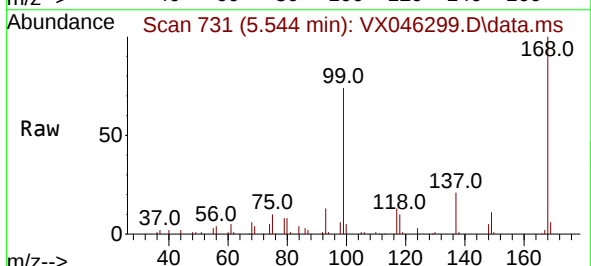
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

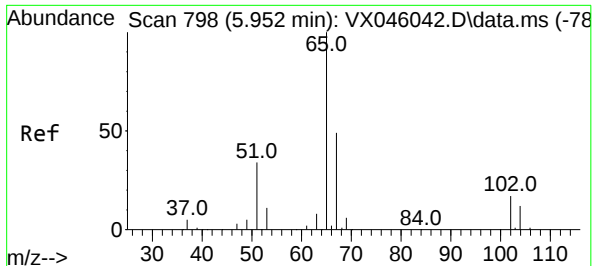
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 125.6 24.4 36.6#
84 101.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.252 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046299.D

Acq: 21 May 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

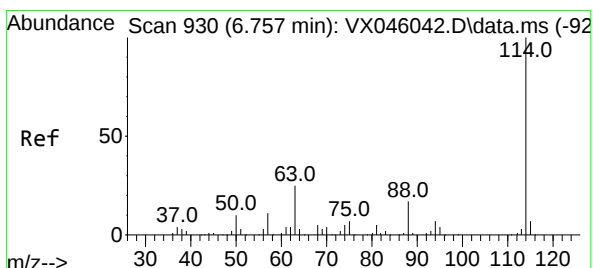
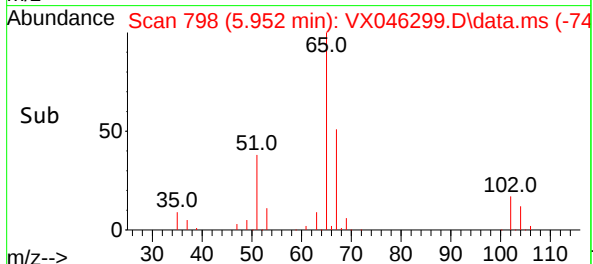
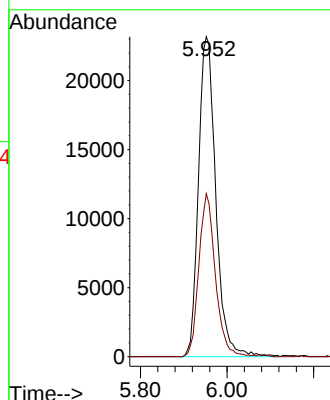
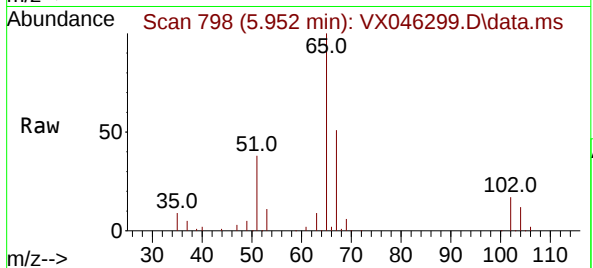
BP-VPB-182-GW-320-322

Tgt Ion: 65 Resp: 64288

Ion Ratio Lower Upper

65 100

67 48.7 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: VX046299.D

Acq: 21 May 2025 15:52

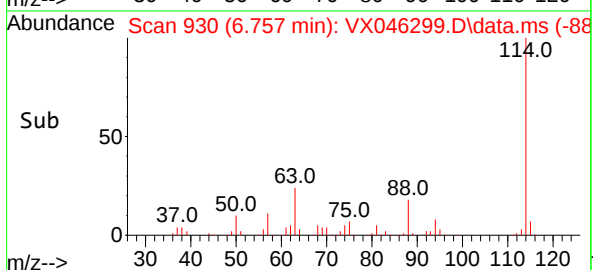
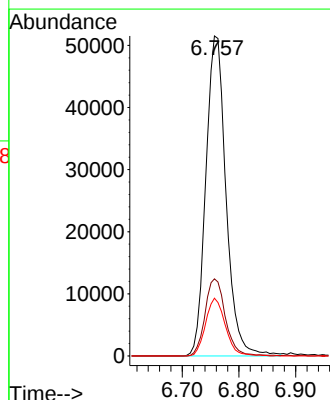
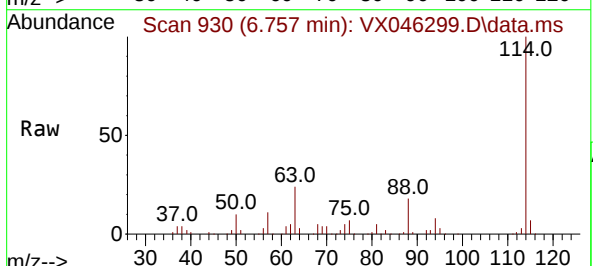
Tgt Ion: 114 Resp: 127417

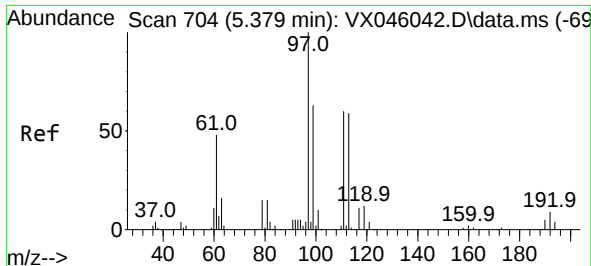
Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 18.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.998 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046299.D

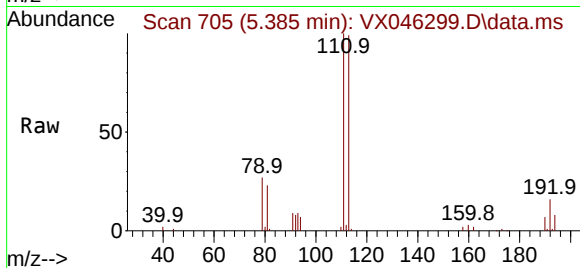
Acq: 21 May 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-320-322



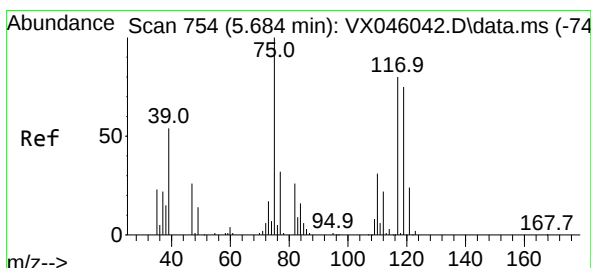
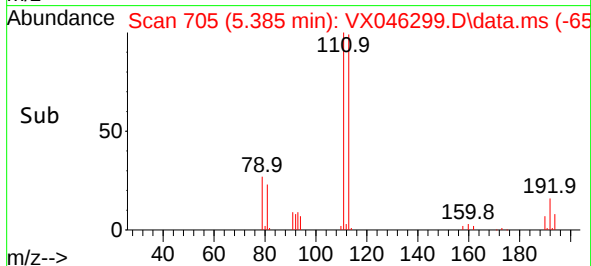
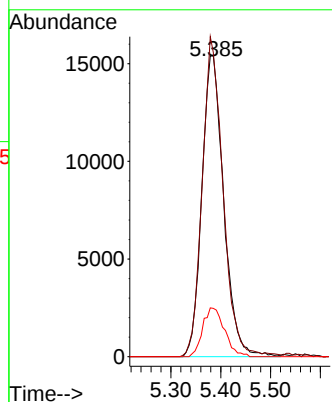
Tgt Ion:113 Resp: 46793

Ion Ratio Lower Upper

113 100

111 100.8 83.1 124.7

192 16.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.272 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX046299.D

Acq: 21 May 2025 15:52

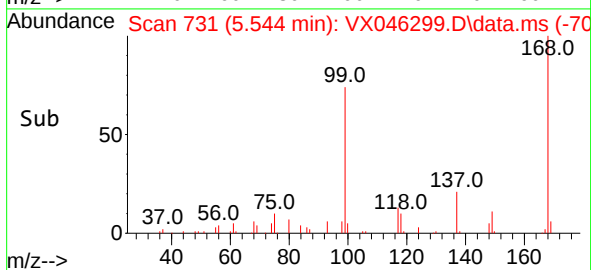
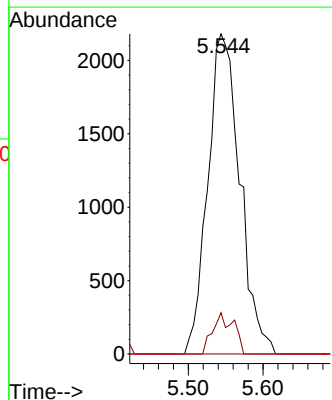
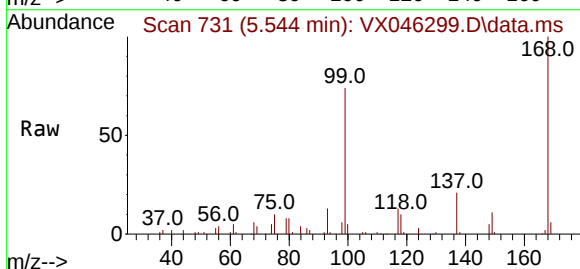
Tgt Ion: 75 Resp: 6499

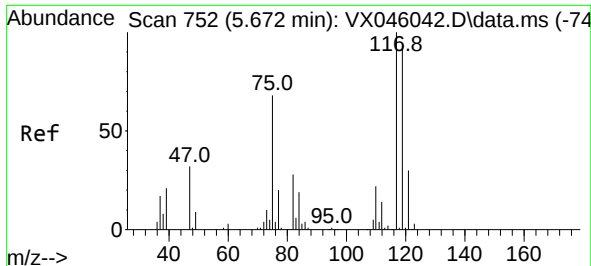
Ion Ratio Lower Upper

75 100

110 8.4 16.3 48.9#

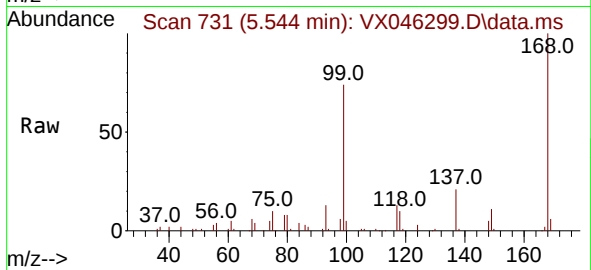
77 0.0 24.3 36.5#



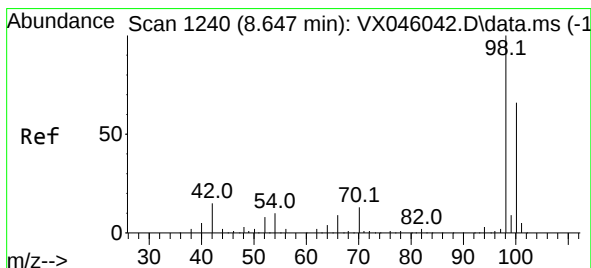
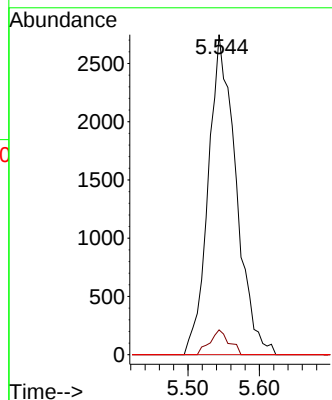
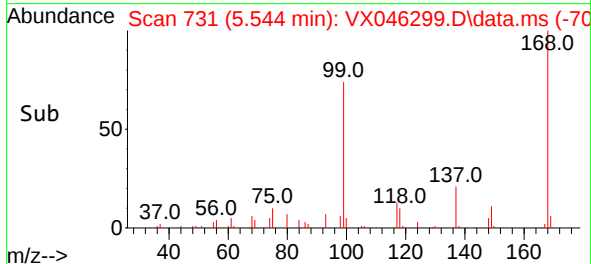


#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

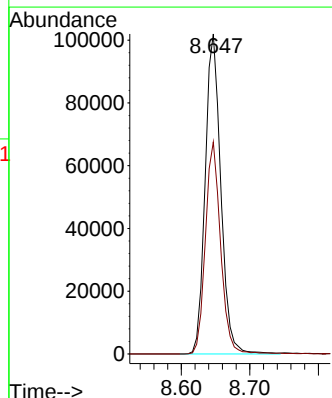
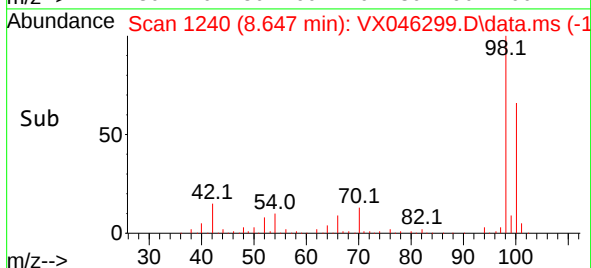
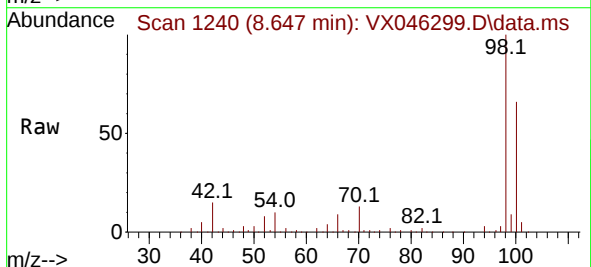


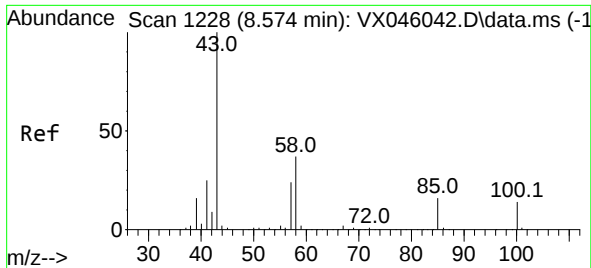
Tgt Ion:117 Resp: 7402
Ion Ratio Lower Upper
117 100
119 7.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 98 Resp: 162006
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

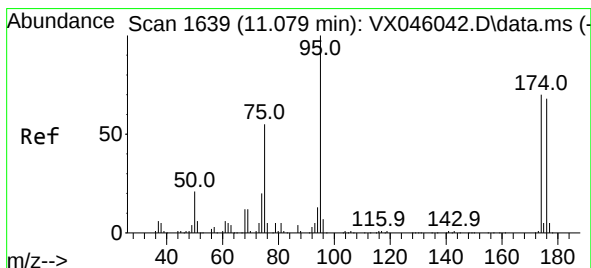
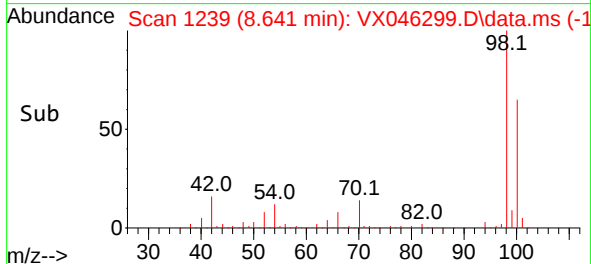
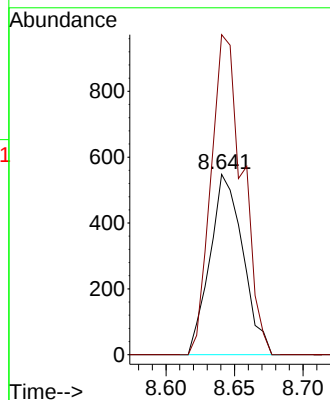
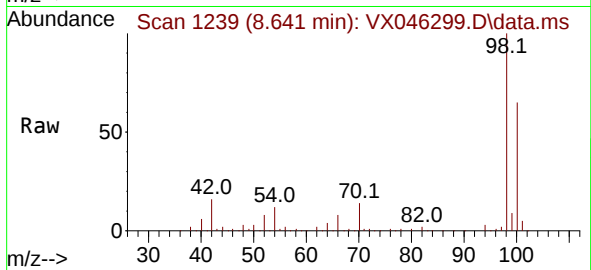




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

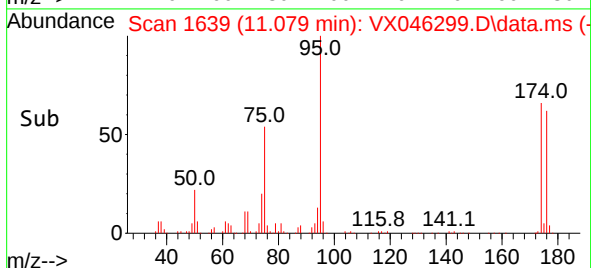
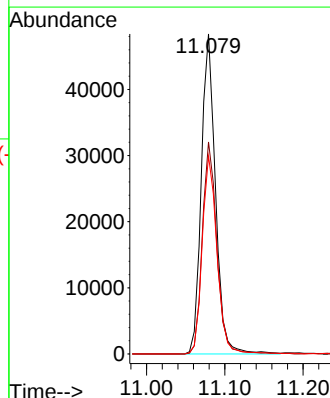
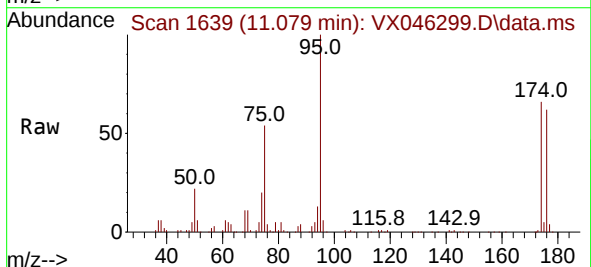
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

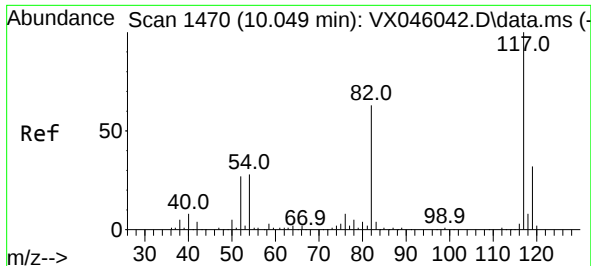
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 170.4 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 95 Resp: 60984
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.3 0.0 131.4

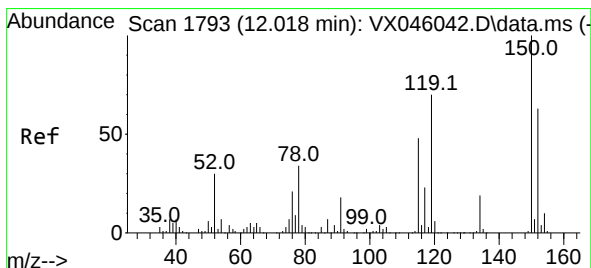
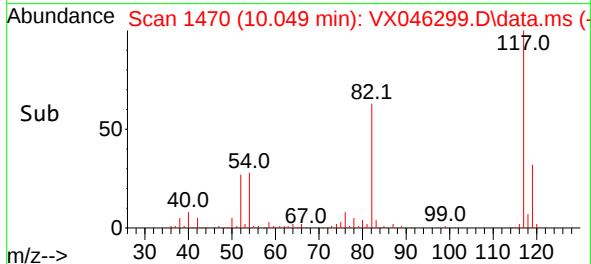
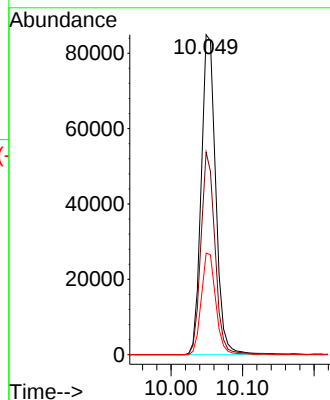
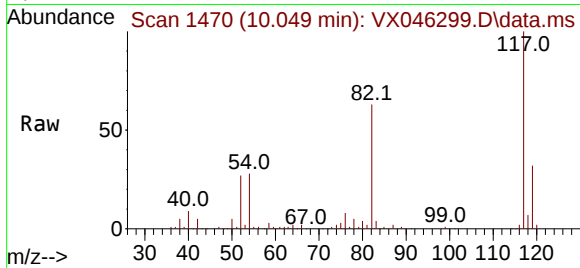




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

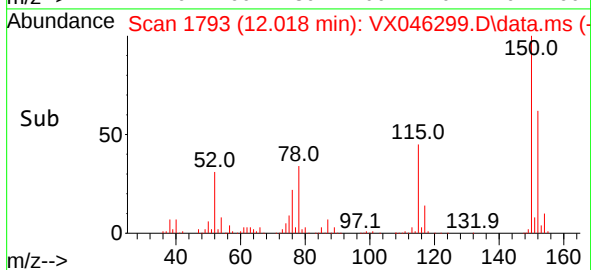
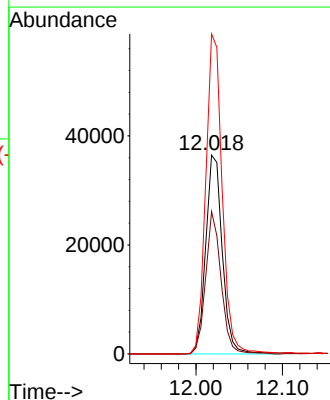
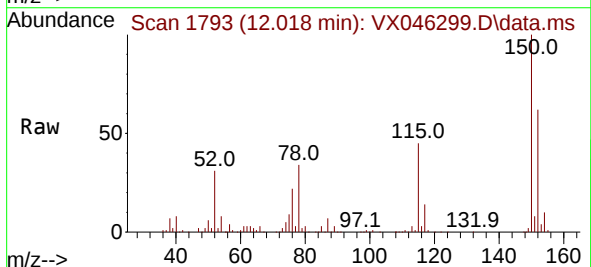
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

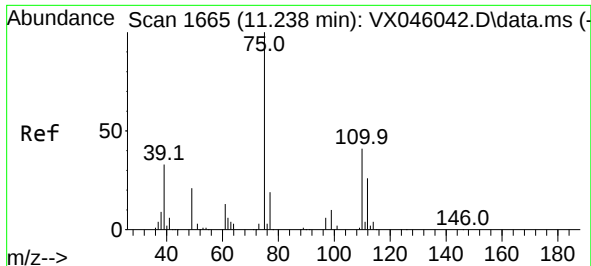
Tgt Ion:117 Resp: 119598
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion:152 Resp: 48477
Ion Ratio Lower Upper
152 100
115 66.8 46.9 140.7
150 159.1 0.0 351.0

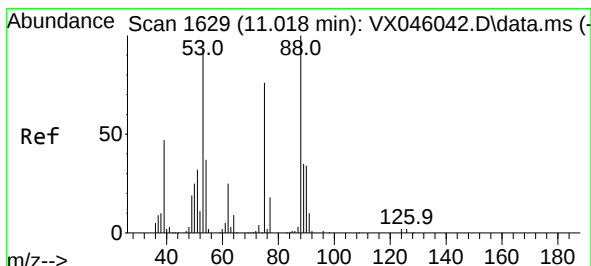
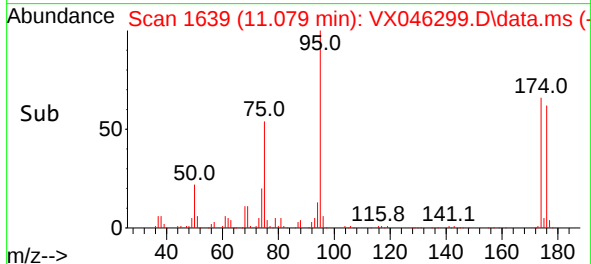
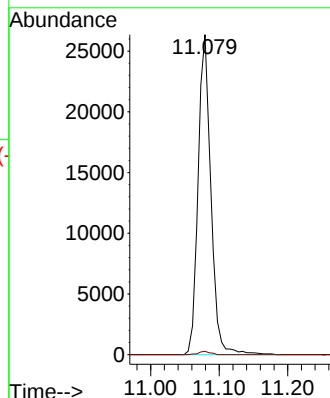
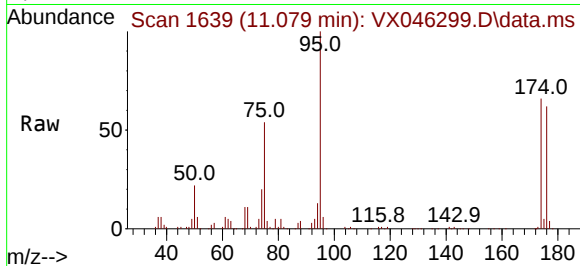




#76
1,2,3-Trichloropropane
Concen: 29.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

Tgt Ion: 75 Resp: 34287
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 75 Resp: 34287
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

