

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046471.D
 Acq On : 03 Jun 2025 14:33
 Operator : JC/MD
 Sample : Q2186-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250602

Quant Time: Jun 04 01:27:47 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)

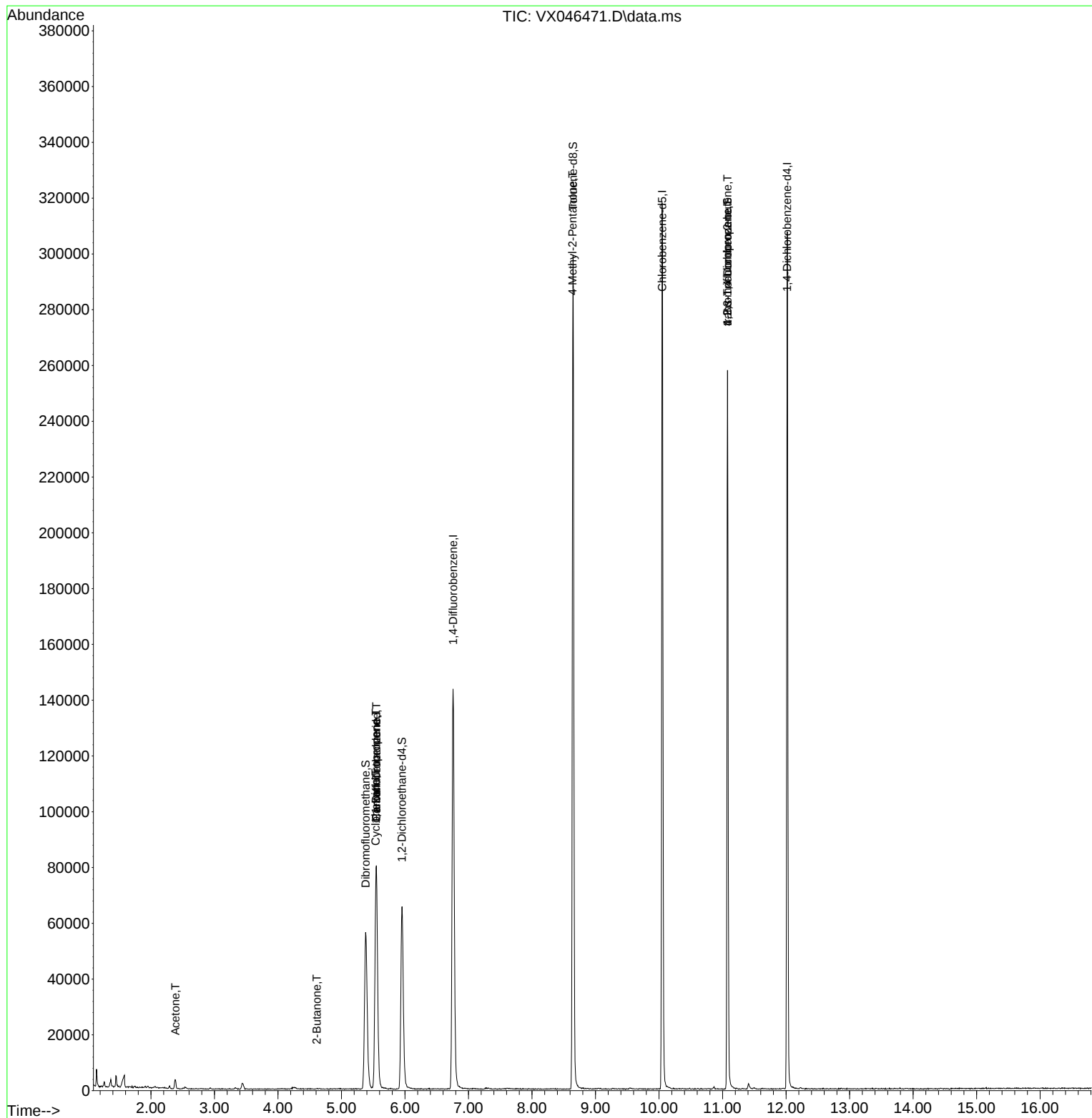
Internal Standards						
1) Pentafluorobenzene	5.550	168	68690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67222	52.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	5.379	113	48986	48.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.000%	
50) Toluene-d8	8.647	98	172017	49.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.079	95	67628	50.952	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3717	7.239	ug/l	94
25) 2-Butanone	4.611	43	309	0.415	ug/l #	53
31) Cyclohexane	5.538	56	2001	1.311	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	6966	5.186	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7928	5.253	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1017	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38844	29.153	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38844	94.913	ug/l #	1

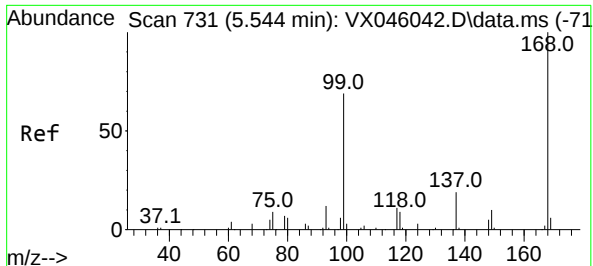
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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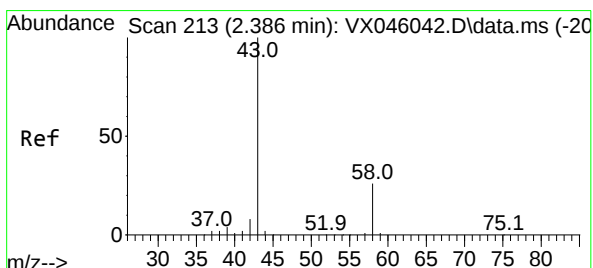
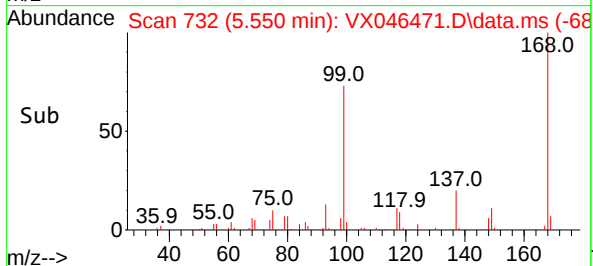
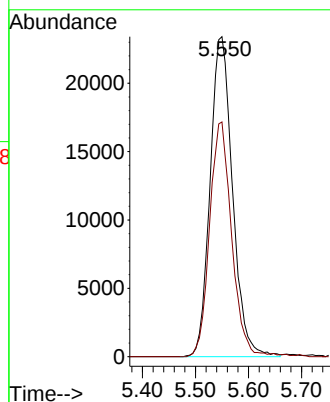
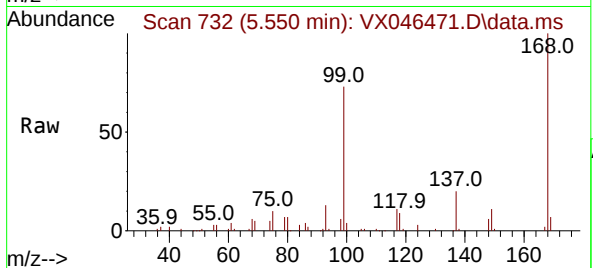




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

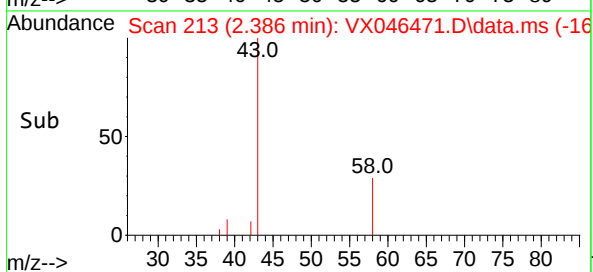
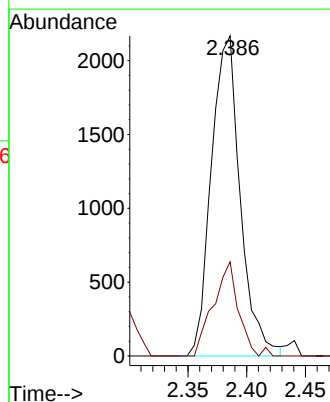
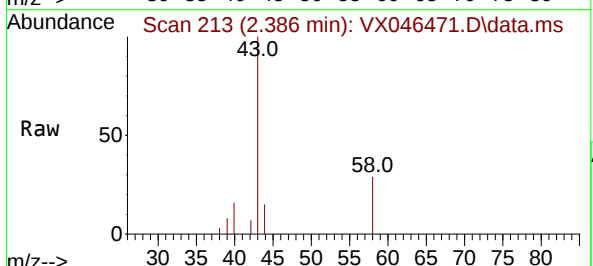
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250602

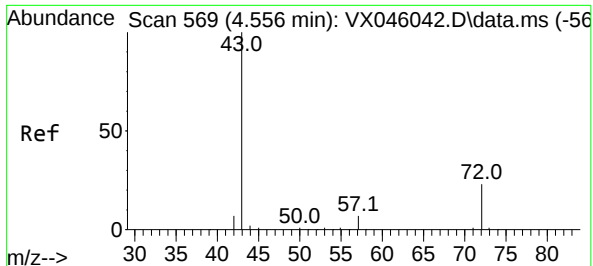
Tgt Ion:168 Resp: 68690
Ion Ratio Lower Upper
168 100
99 73.3 54.9 82.3



#16
Acetone
Concen: 7.239 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 43 Resp: 3717
Ion Ratio Lower Upper
43 100
58 29.4 21.2 31.8





#25

2-Butanone

Concen: 0.415 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX046471.D

Acq: 03 Jun 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

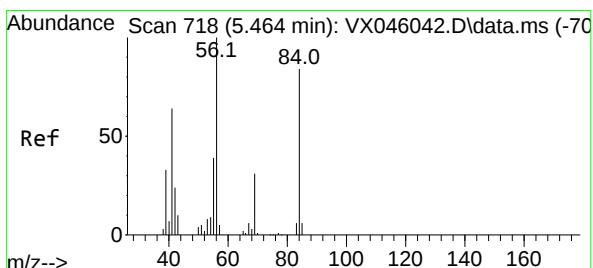
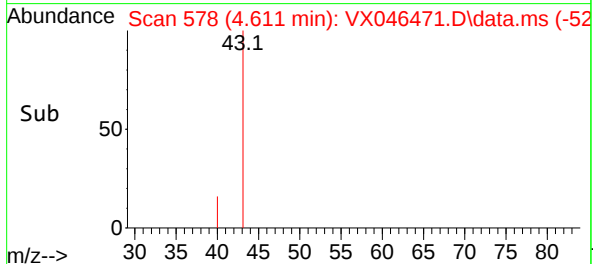
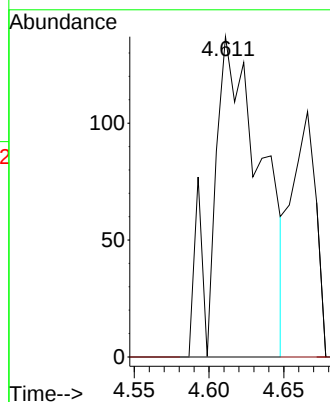
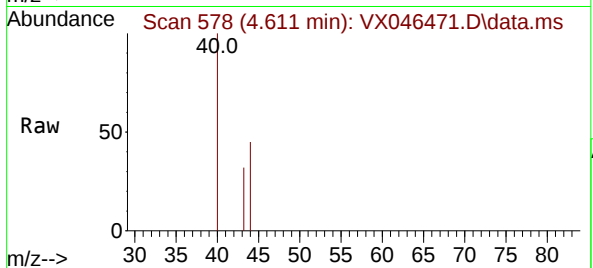
BP-VPB-182-DUP-20250602

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



#31

Cyclohexane

Concen: 1.311 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX046471.D

Acq: 03 Jun 2025 14:33

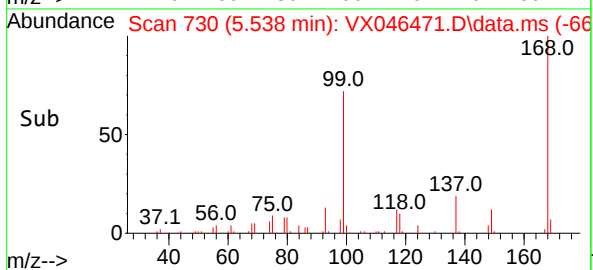
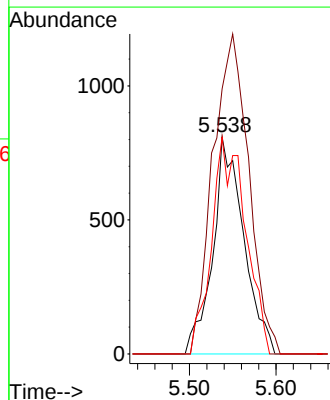
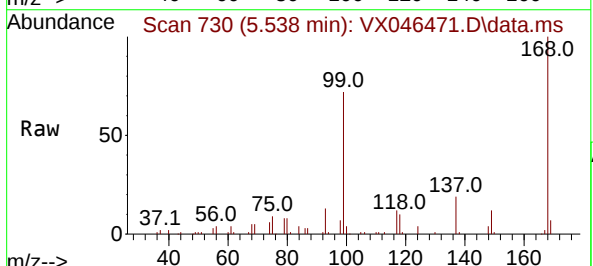
Tgt Ion: 56 Resp: 2001

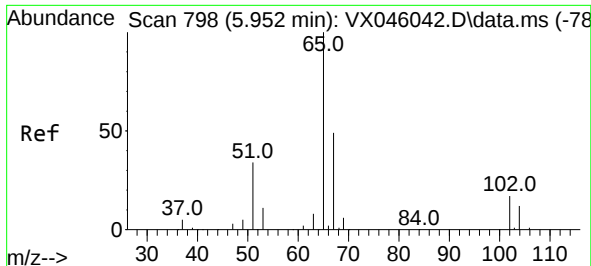
Ion Ratio Lower Upper

56 100

69 122.1 24.4 36.6#

84 99.9 66.9 100.3

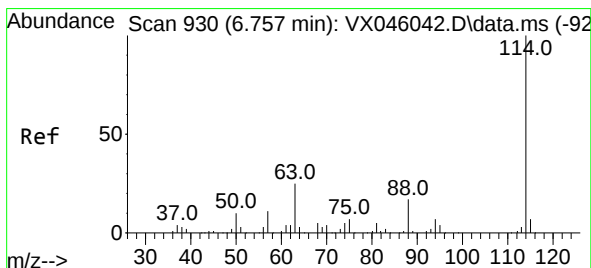
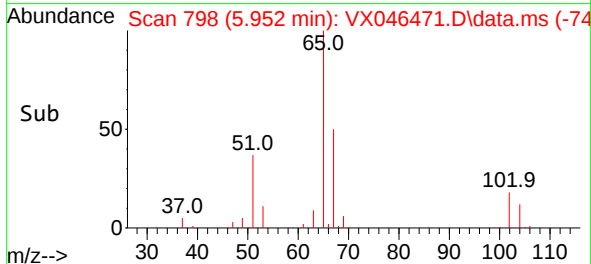
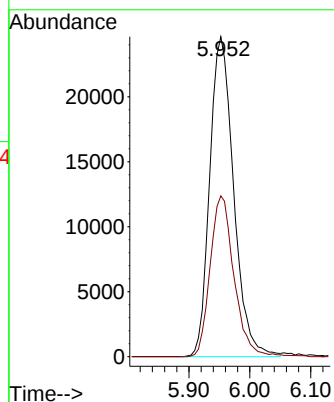
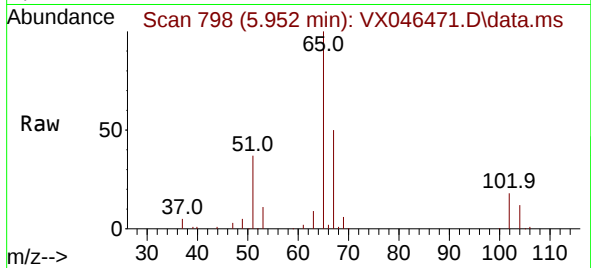




#33
 1,2-Dichloroethane-d4
 Concen: 52.493 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046471.D
 Acq: 03 Jun 2025 14:33

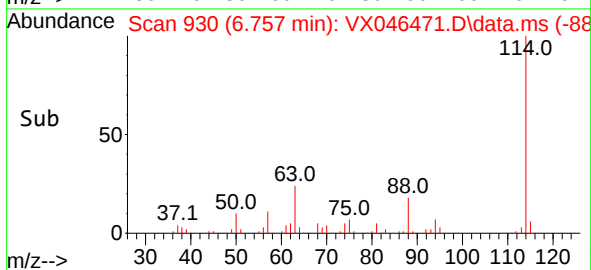
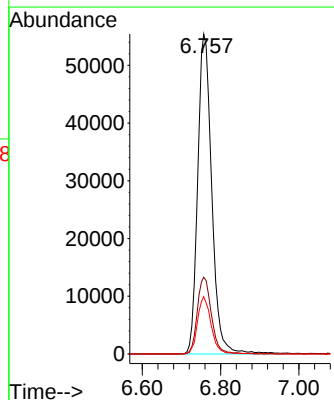
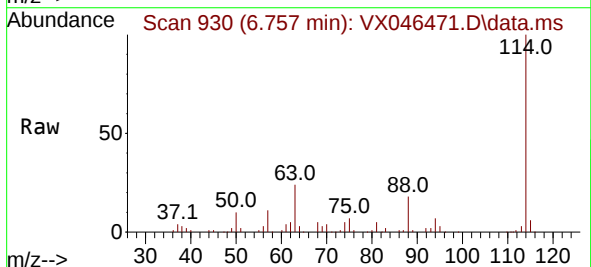
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250602

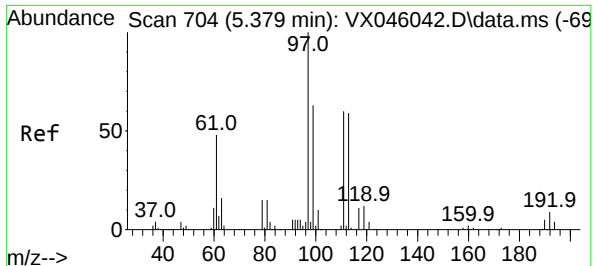
Tgt Ion: 65 Resp: 67222
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046471.D
 Acq: 03 Jun 2025 14:33

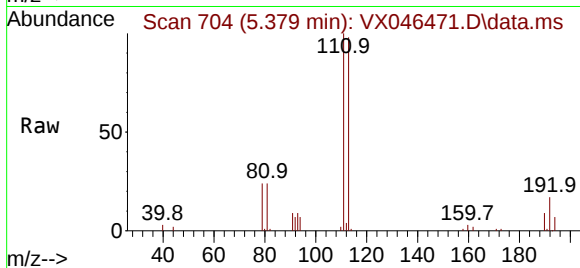
Tgt Ion: 114 Resp: 138832
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.9 0.0 33.6



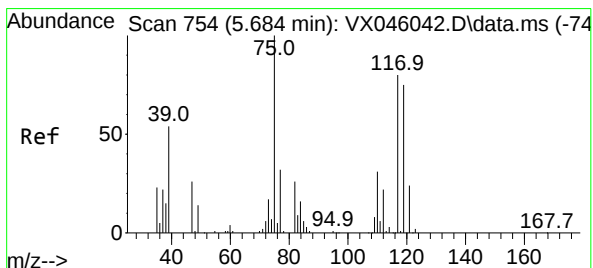
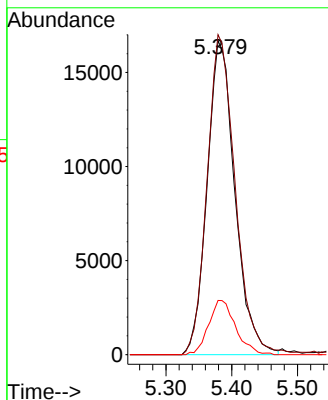
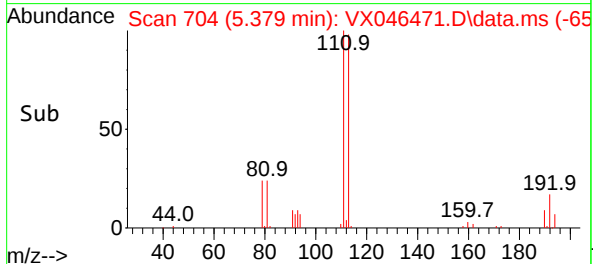


#35
Dibromofluoromethane
Concen: 48.999 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

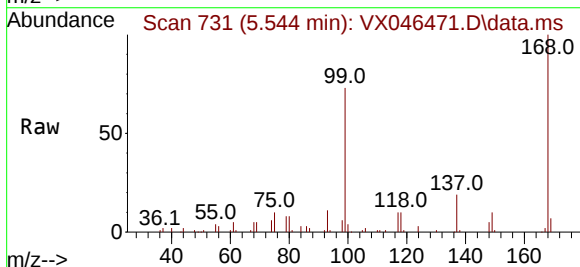
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250602



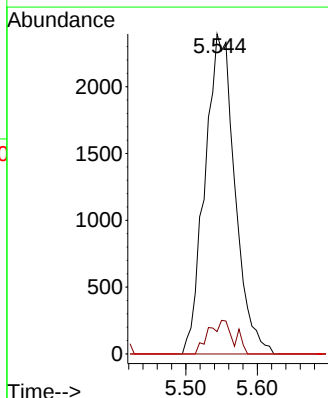
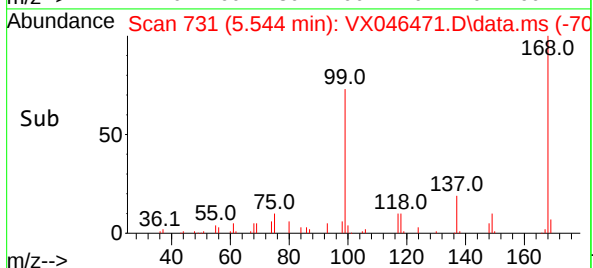
Tgt Ion:113 Resp: 48986
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 16.9 13.3 19.9

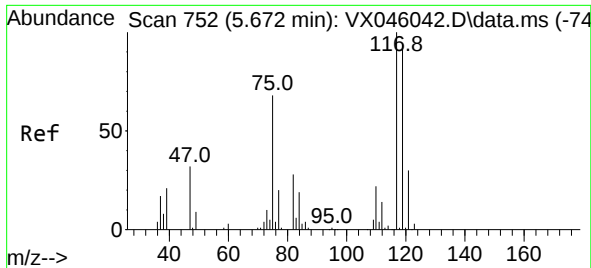


#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33



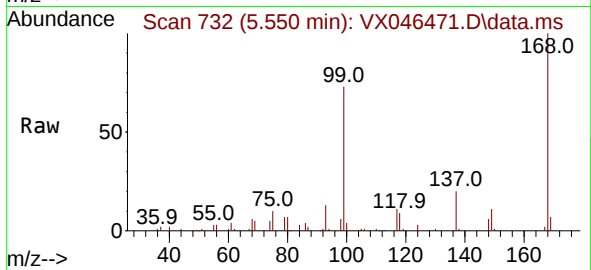
Tgt Ion: 75 Resp: 6966
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.3 36.5#



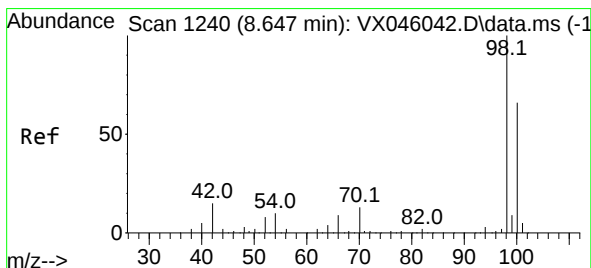
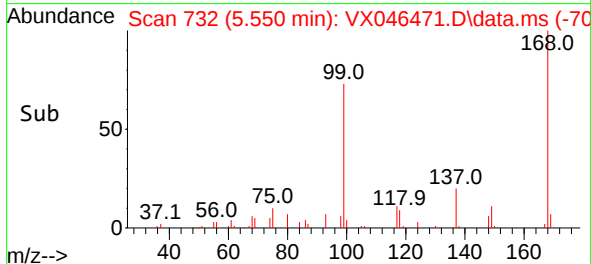
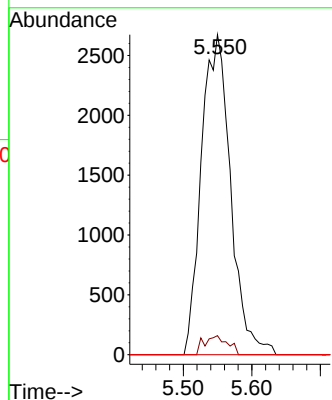


#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250602

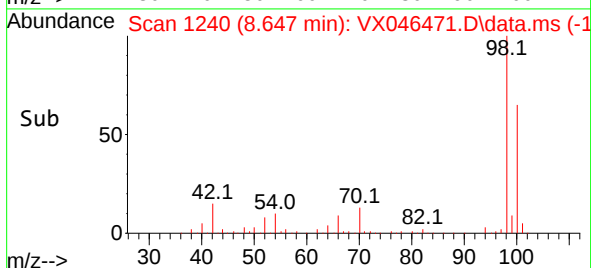
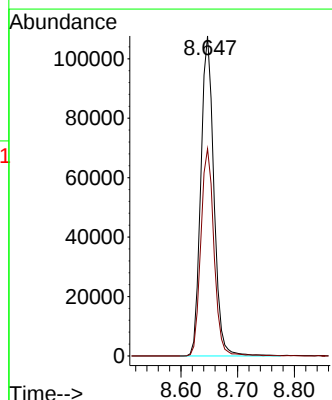
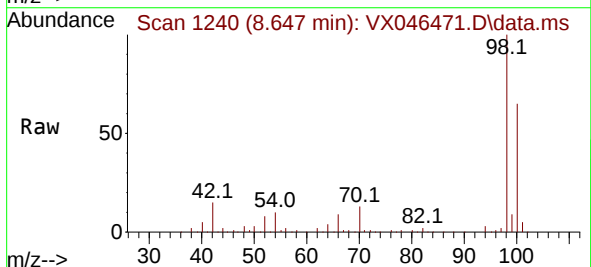


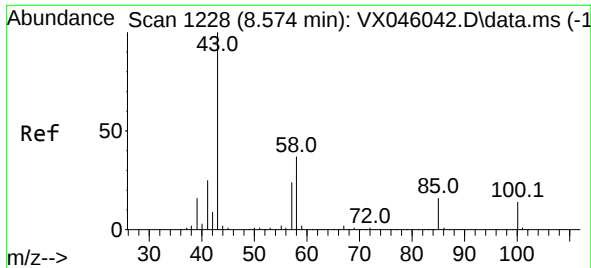
Tgt Ion:117 Resp: 7928
Ion Ratio Lower Upper
117 100
119 6.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.713 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 98 Resp: 172017
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

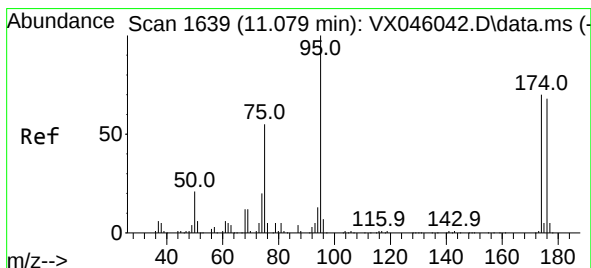
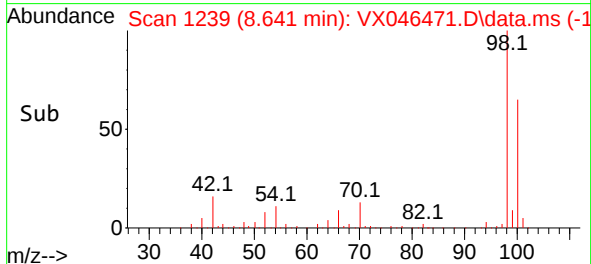
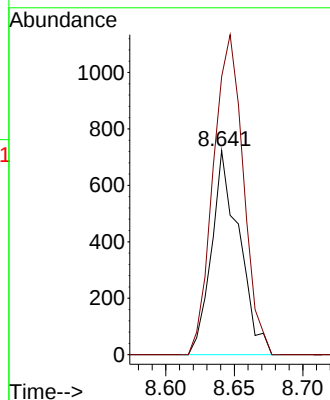
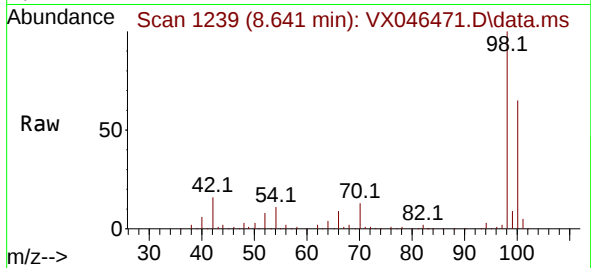




#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

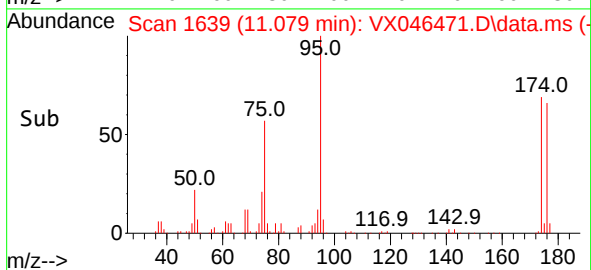
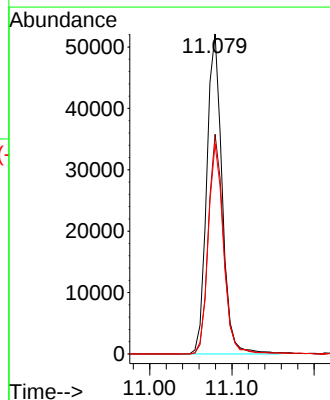
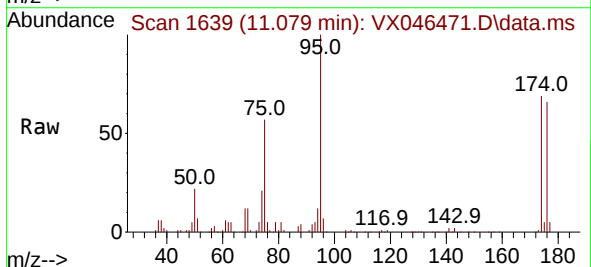
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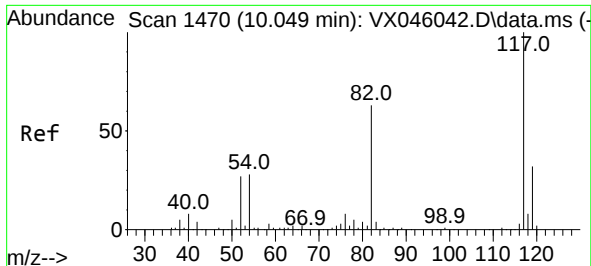
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 170.6 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 50.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 95 Resp: 67628
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.0 0.0 131.4

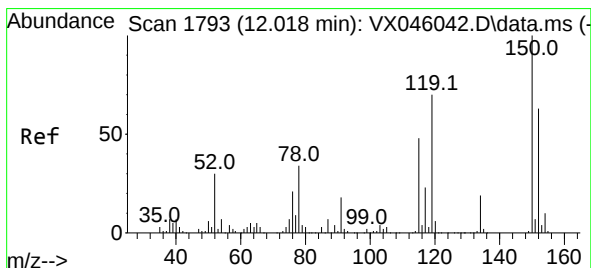
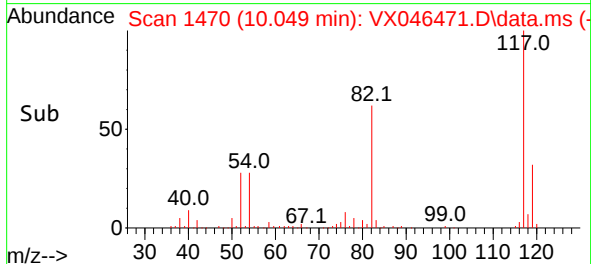
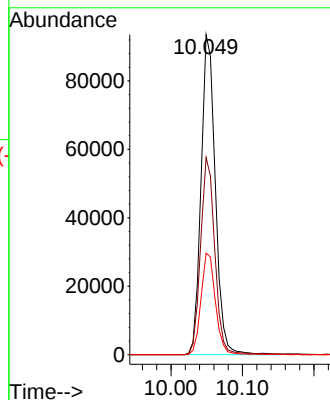
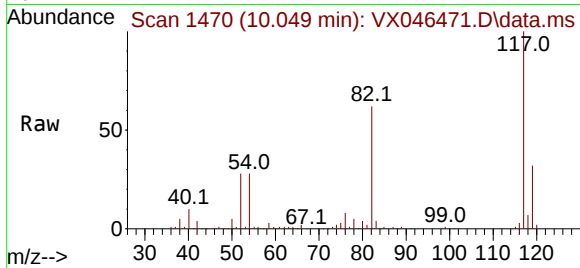




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

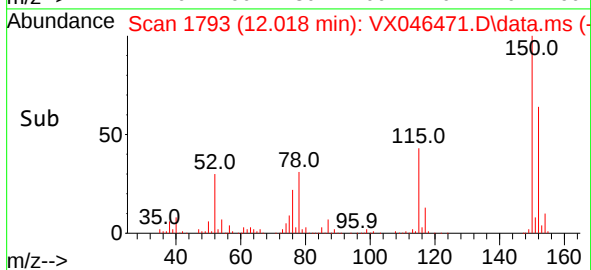
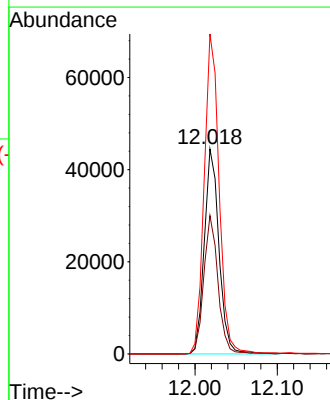
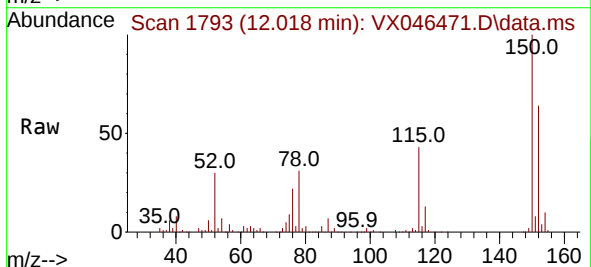
Instrument :
MSVOA_X
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BP-VPB-182-DUP-20250602

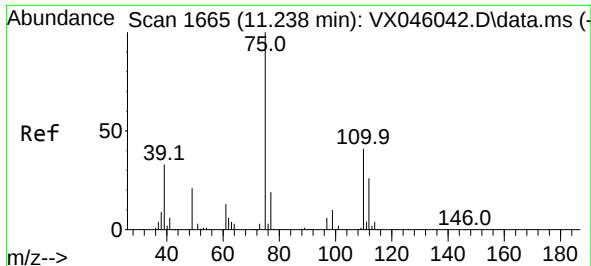
Tgt Ion:117 Resp: 129871
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Tgt Ion:152 Resp: 55355
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 158.4 0.0 351.0

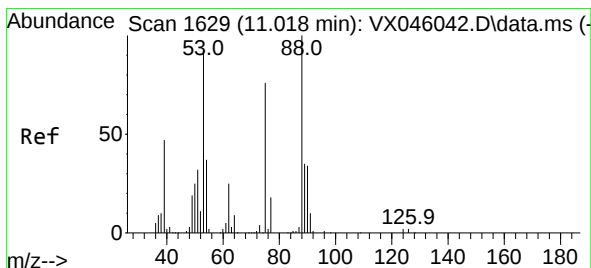
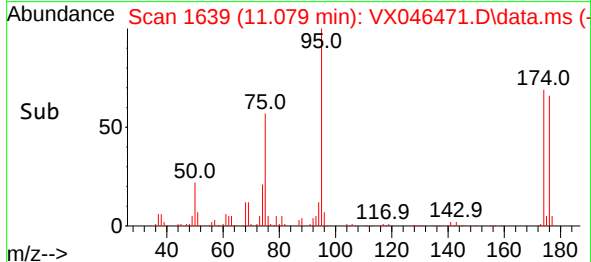
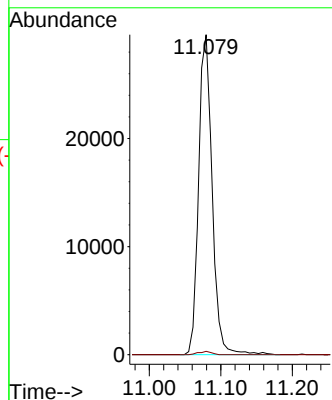
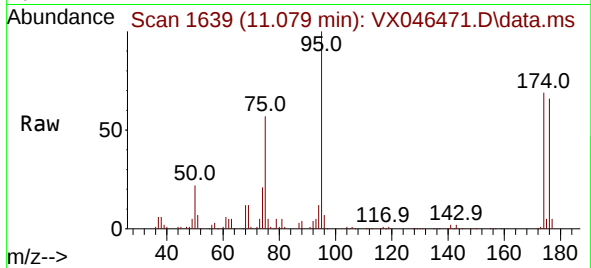




#76
1,2,3-Trichloropropane
Concen: 29.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250602

Tgt Ion: 75 Resp: 38844
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046471.D
Acq: 03 Jun 2025 14:33

Tgt Ion: 75 Resp: 38844
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

