

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046469.D
 Acq On : 03 Jun 2025 13:46
 Operator : JC/MD
 Sample : Q2186-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-705-707

Quant Time: Jun 04 01:27:04 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	68425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66512	52.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.280%
35) Dibromofluoromethane	5.385	113	49566	50.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	8.647	98	172025	50.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	68551	52.124	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.240%

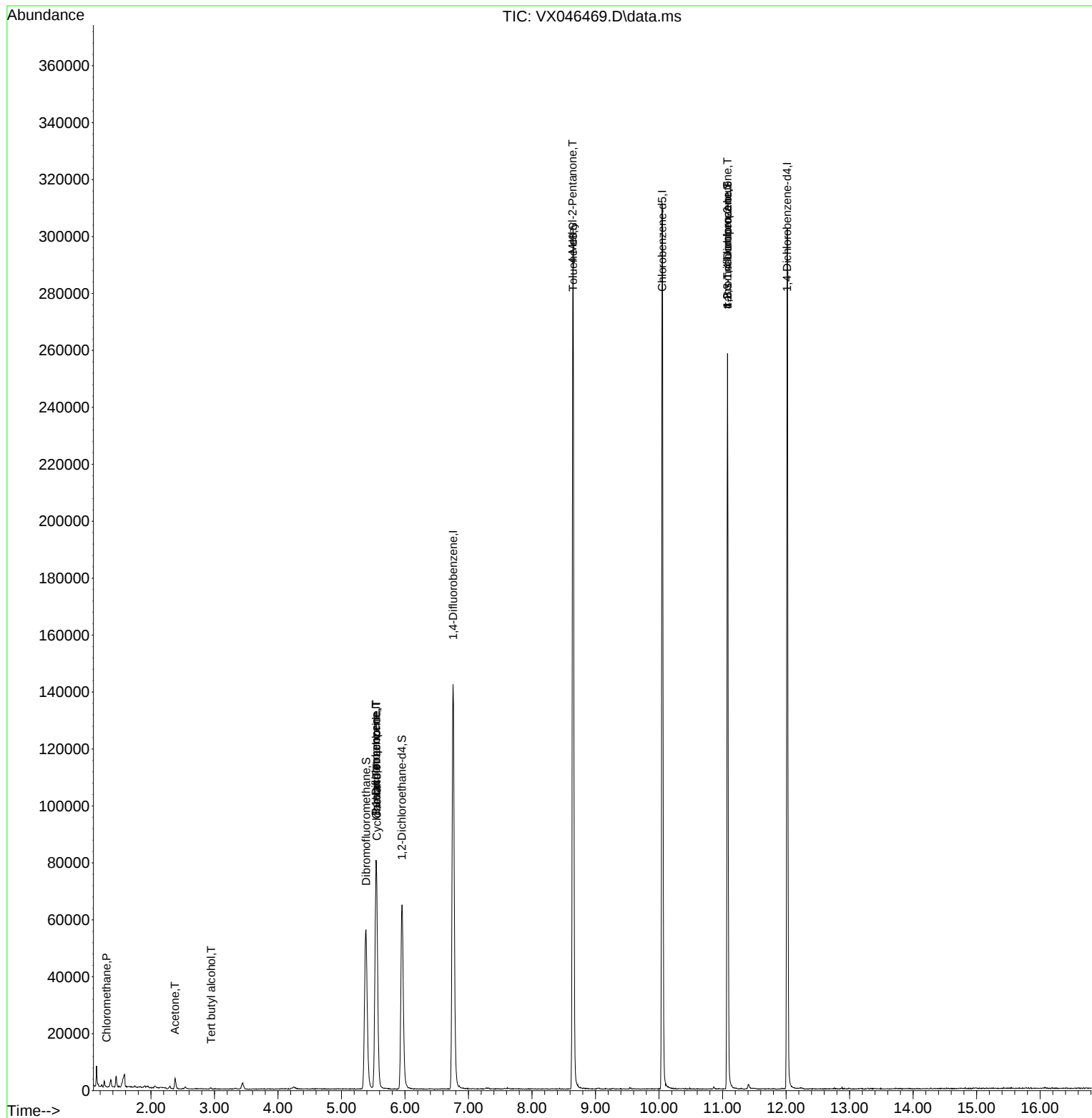
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	205	0.202	ug/l #	43
11) Tert butyl alcohol	2.947	59	102	0.570	ug/l #	72
16) Acetone	2.380	43	3563	6.966	ug/l #	87
31) Cyclohexane	5.556	56	1984	1.305	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	6877	5.167	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8166	5.461	ug/l #	13
51) 4-Methyl-2-Pentanone	8.641	43	1042	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38125	28.228	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38125	91.901	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

Quant Time: Jun 04 01:27:04 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

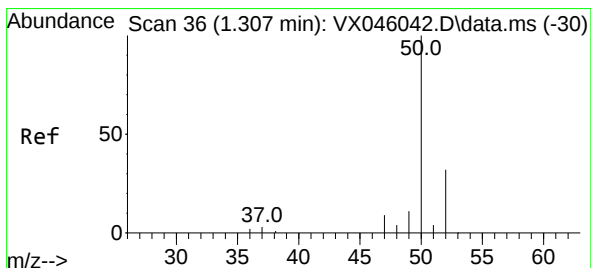
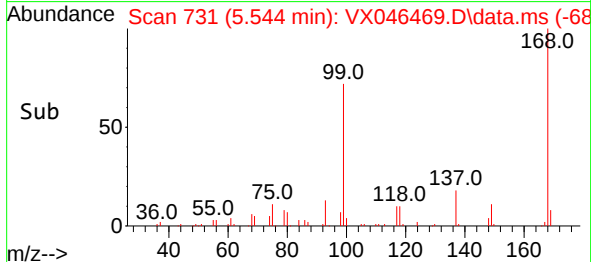
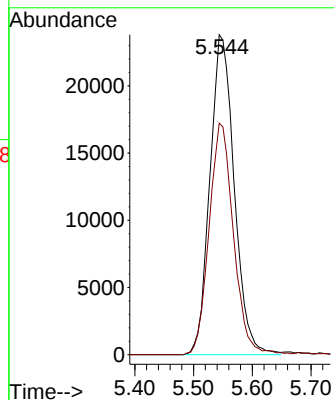
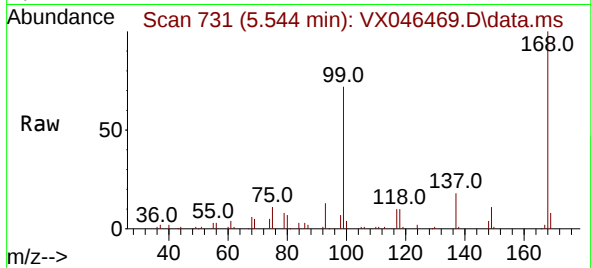




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

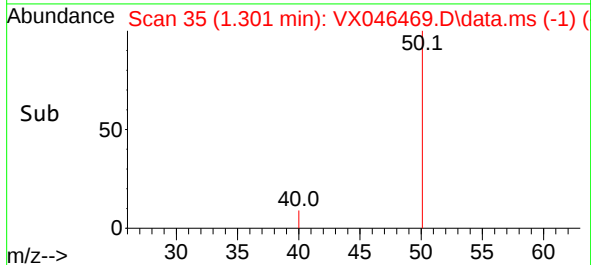
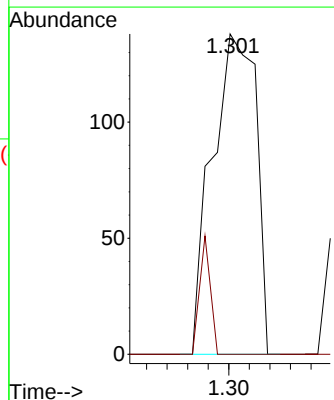
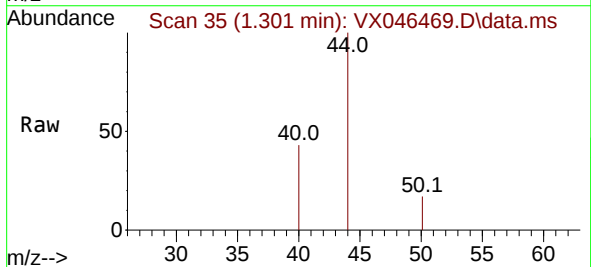
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

Tgt Ion:168 Resp: 68425
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 50 Resp: 205
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

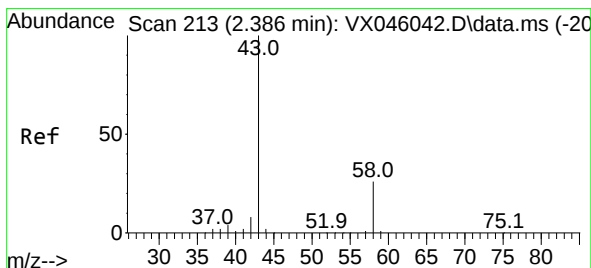
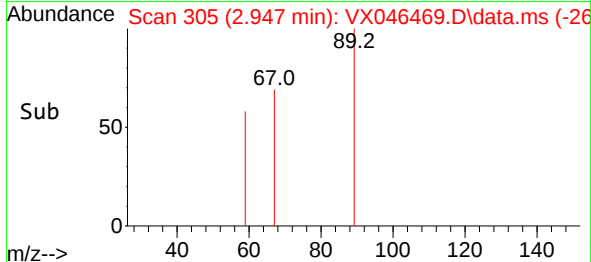
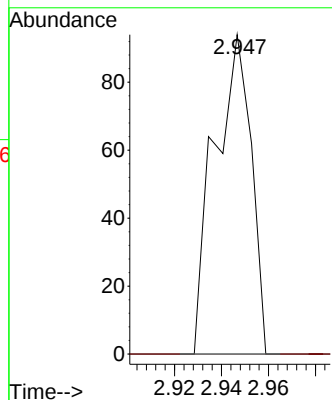
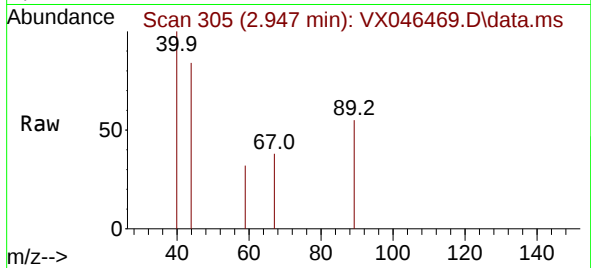




#11
Tert butyl alcohol
Concen: 0.570 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

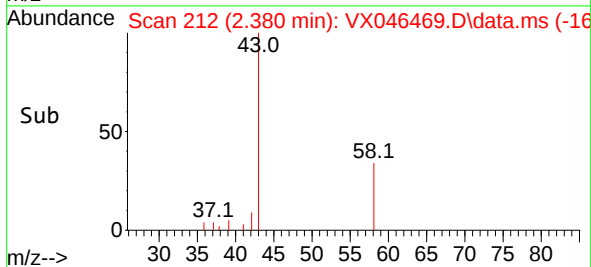
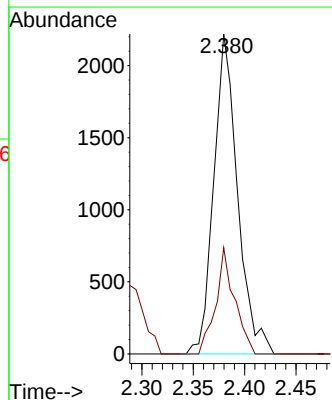
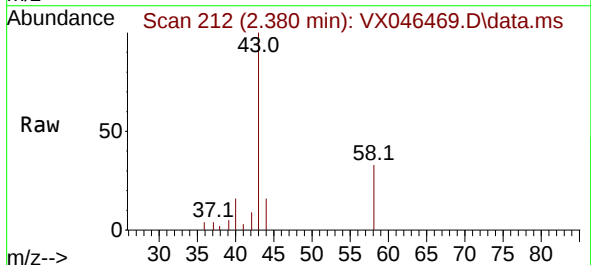
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

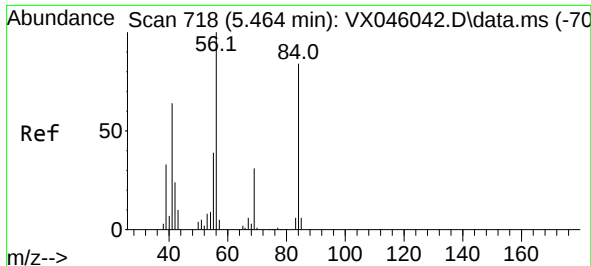
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 6.966 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

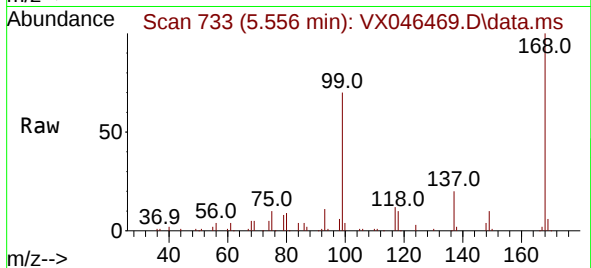
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 33.2 21.2 31.8#



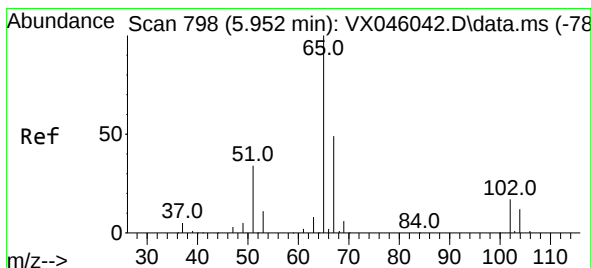
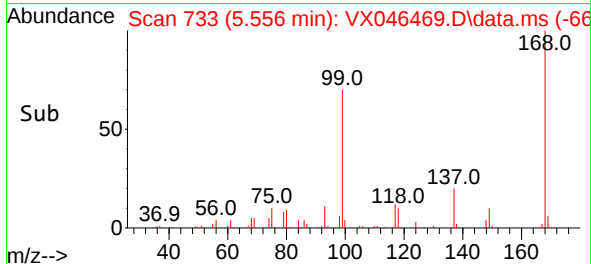
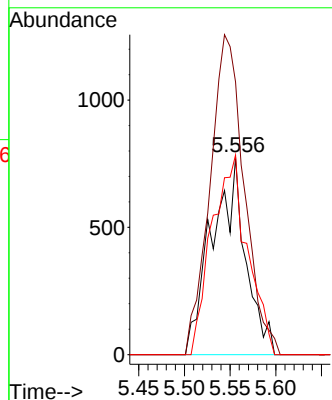


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

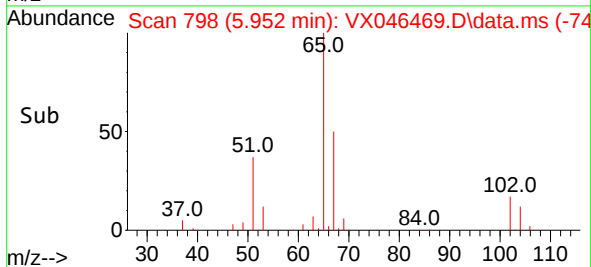
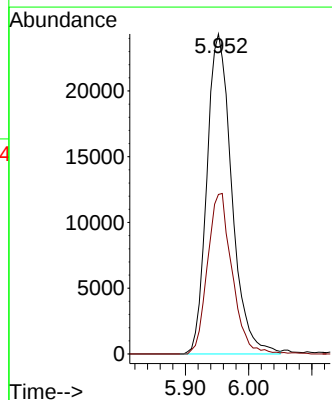
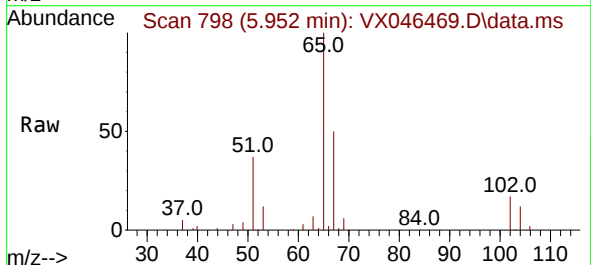


Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 138.2 24.4 36.6#
84 101.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.139 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 65 Resp: 66512
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

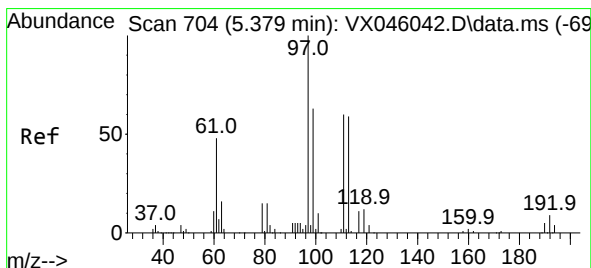
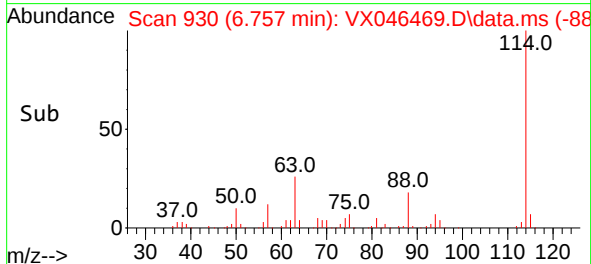
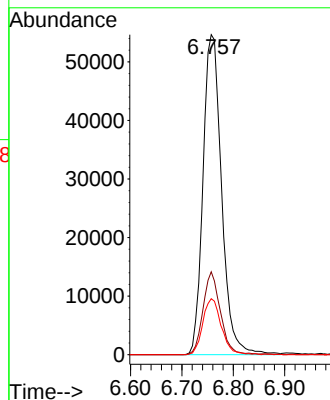
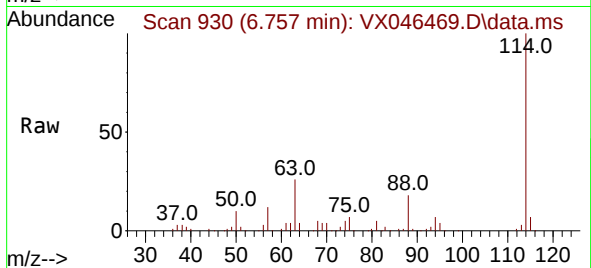




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

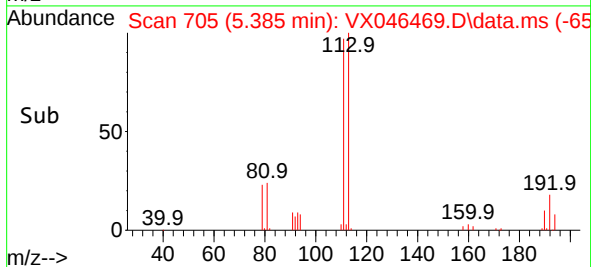
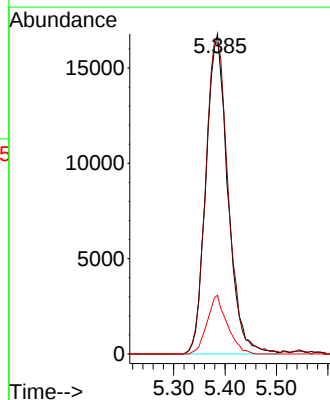
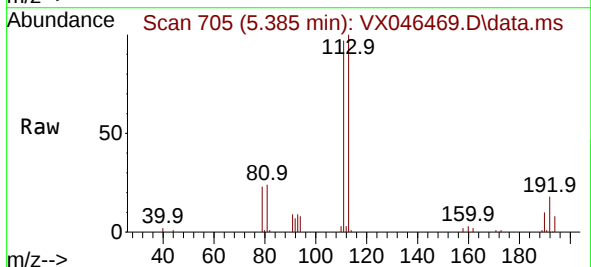
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

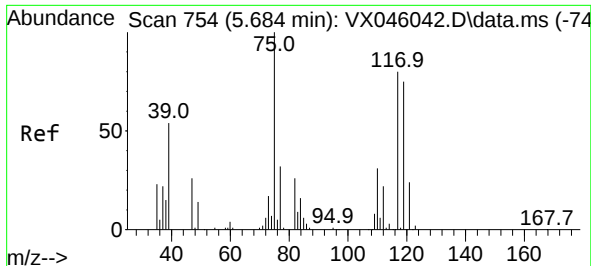
Tgt Ion:114 Resp: 137561
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion:113 Resp: 49566
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.8 13.3 19.9

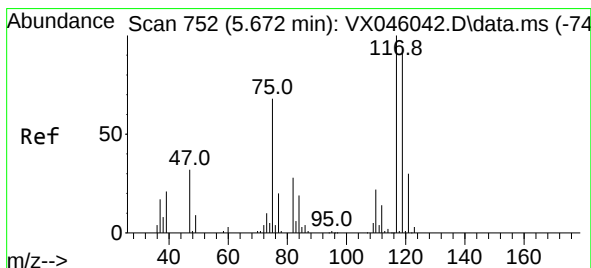
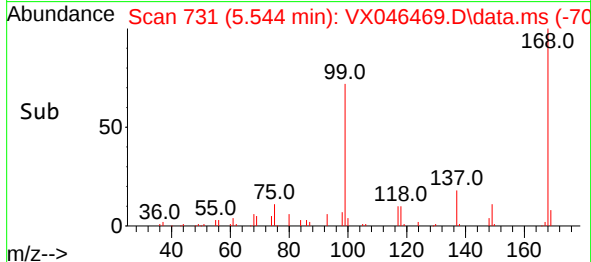
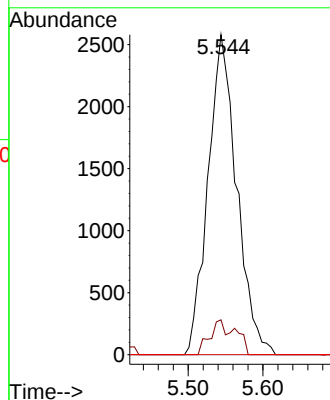
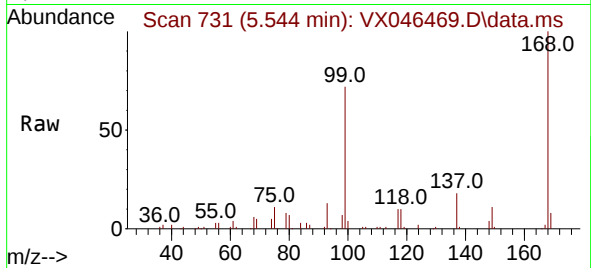




#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

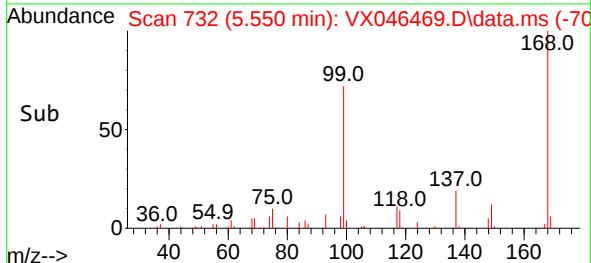
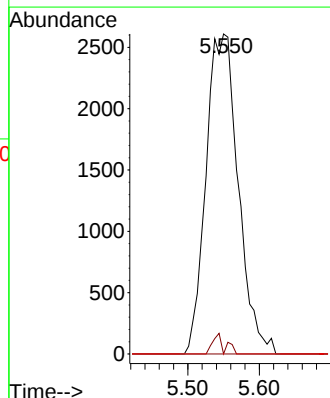
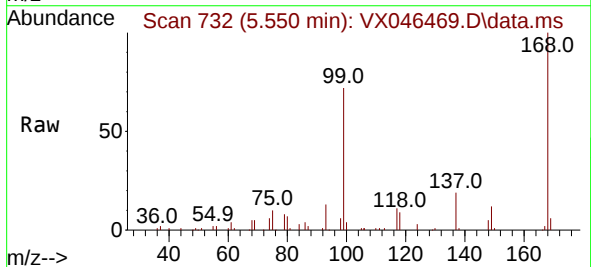
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

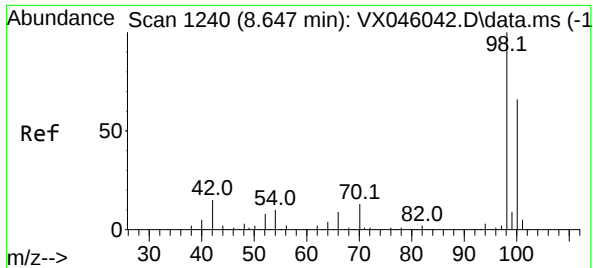
Tgt Ion: 75 Resp: 6877
Ion Ratio Lower Upper
75 100
110 6.7 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 117 Resp: 8166
Ion Ratio Lower Upper
117 100
119 0.0 75.2 112.8#
121 0.0 24.2 36.4#

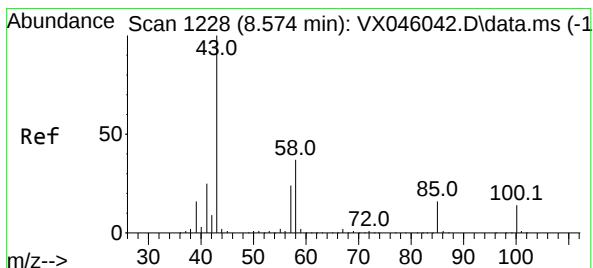
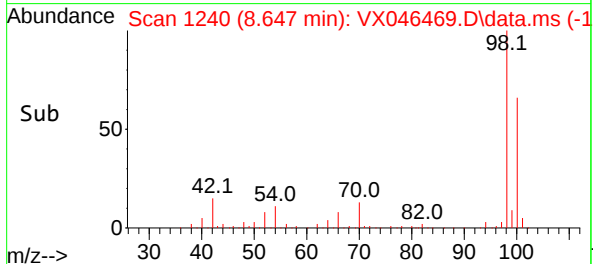
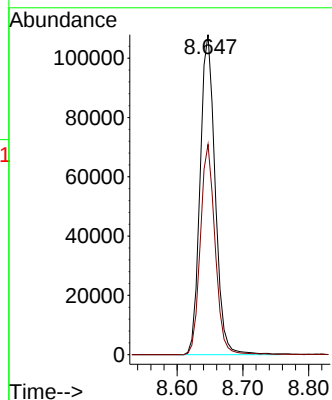
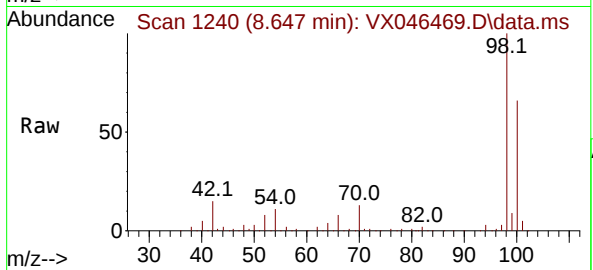




#50
Toluene-d8
Concen: 50.174 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

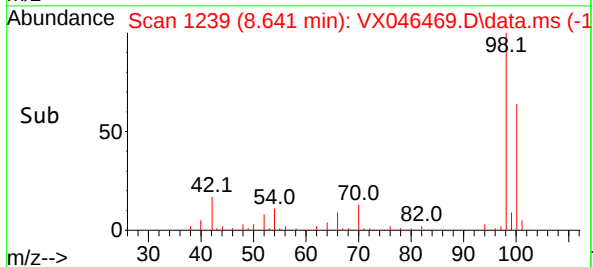
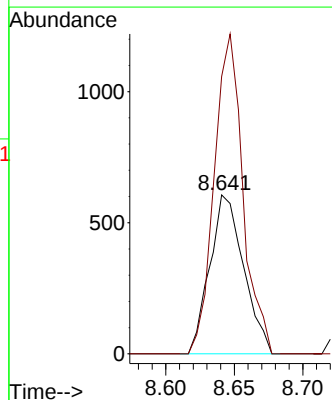
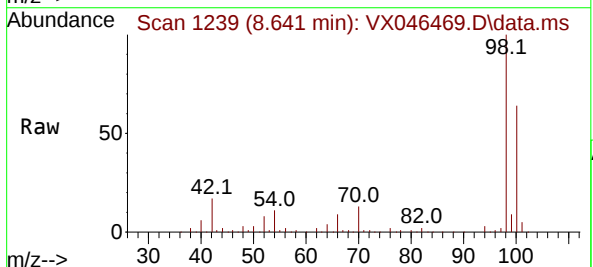
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

Tgt Ion: 98 Resp: 172025
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 170.9 28.9 43.3#

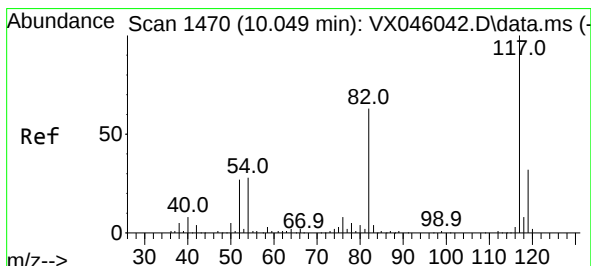
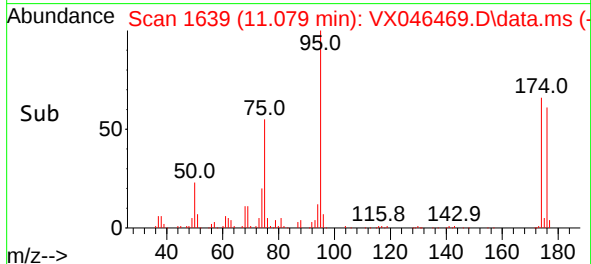
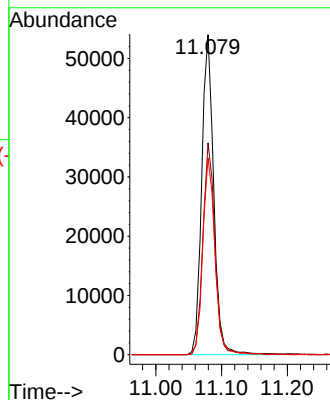
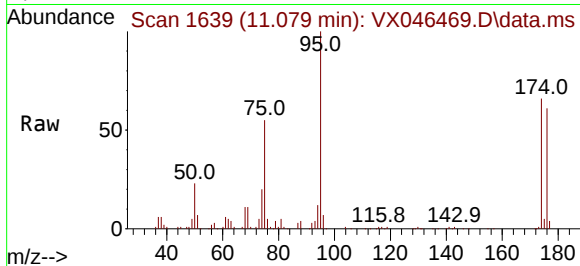




#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

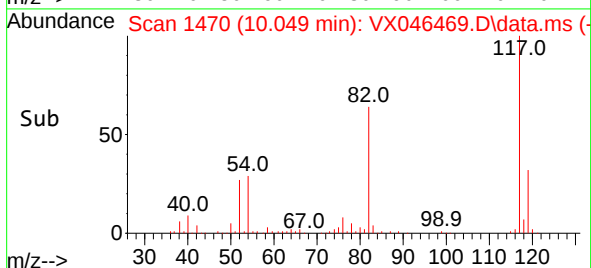
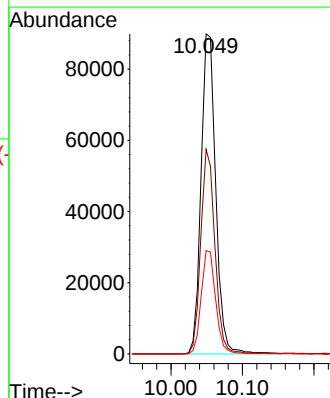
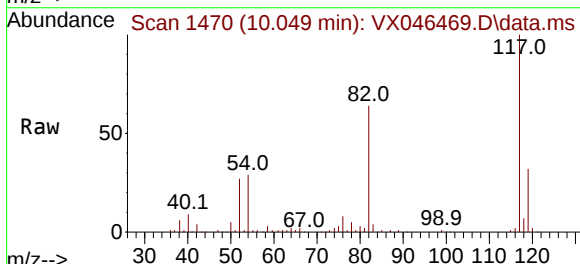
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

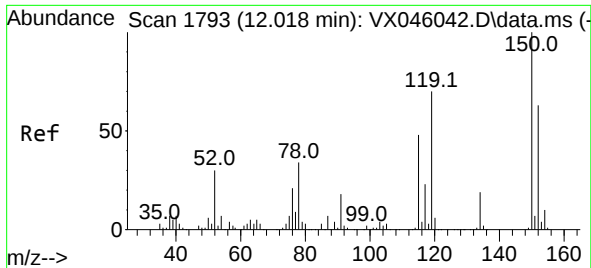
Tgt Ion: 95 Resp: 68551
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 62.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 117 Resp: 128221
Ion Ratio Lower Upper
117 100
82 64.0 50.6 76.0
119 32.3 25.8 38.6

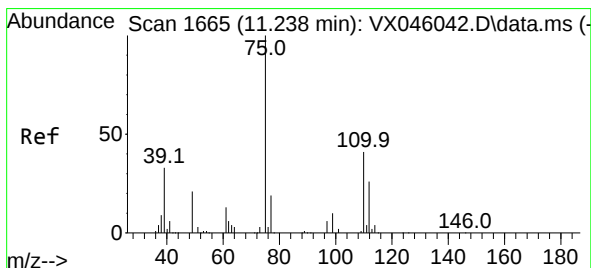
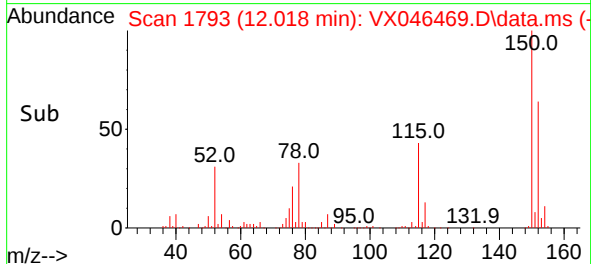
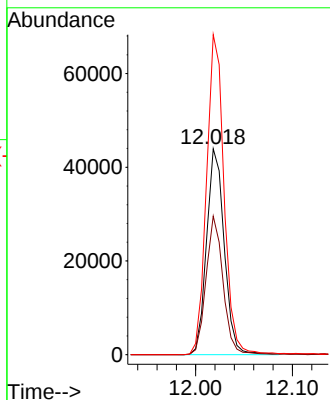
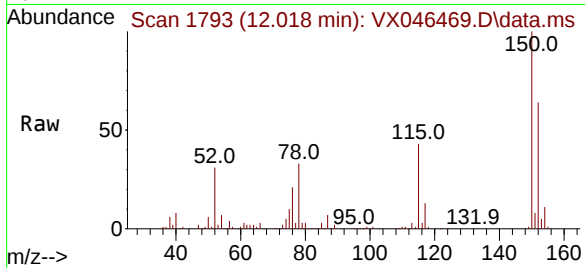




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046469.D
 Acq: 03 Jun 2025 13:46

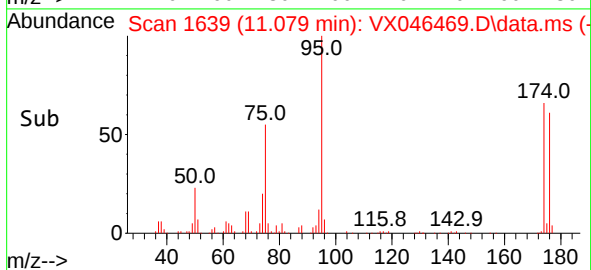
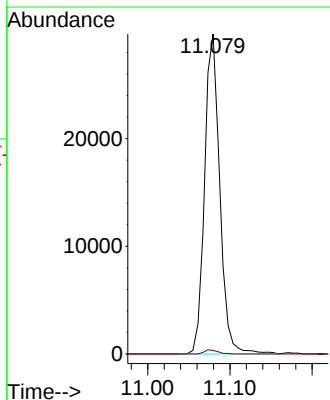
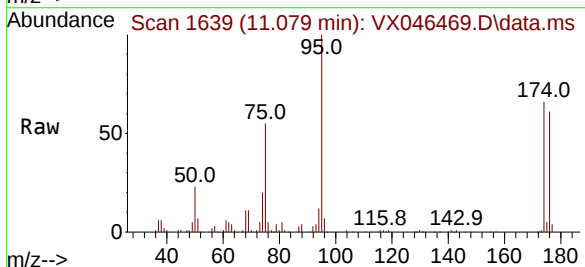
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-705-707

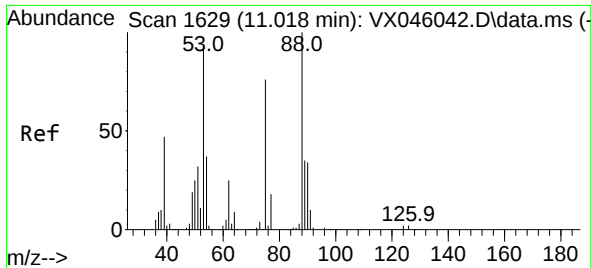
Tgt Ion:152 Resp: 56111
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 153.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.228 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046469.D
 Acq: 03 Jun 2025 13:46

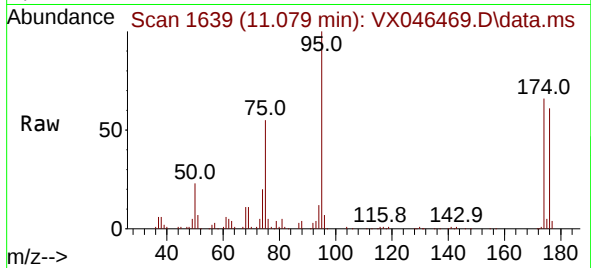
Tgt Ion: 75 Resp: 38125
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.901 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046469.D
 Acq: 03 Jun 2025 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-705-707



Tgt Ion: 75 Resp: 38125
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

