

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047963.D
 Acq On : 02 Oct 2025 13:27
 Operator : JC/MD
 Sample : Q3246-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-520-522

Quant Time: Oct 03 03:30:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

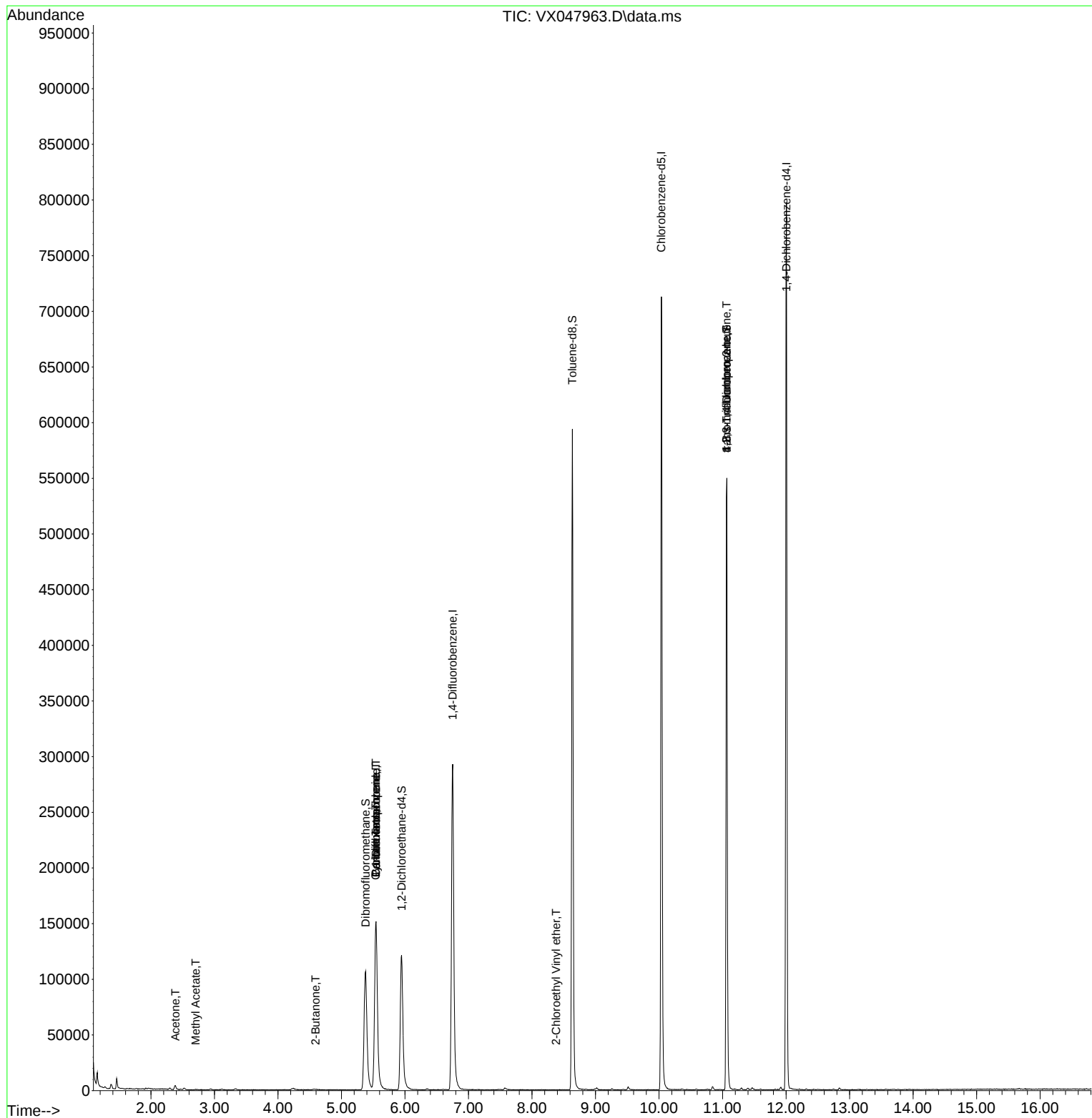
Internal Standards						
1) Pentafluorobenzene	5.543	168	151967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	317249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	332386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130160	53.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.620%
35) Dibromofluoromethane	5.379	113	105359	49.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.634	98	358525	48.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.061	95	157385	56.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.660%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	5114	4.862	ug/l #	81
18) Methyl Acetate	2.702	43	576	0.246	ug/l #	54
25) 2-Butanone	4.592	43	1560	1.189	ug/l #	50
31) Cyclohexane	5.537	56	3731	1.167	ug/l #	14
36) 1,1-Dichloropropene	5.543	75	12941	4.162	ug/l #	50
38) Carbon Tetrachloride	5.543	117	16774	4.966	ug/l #	19
58) 2-Chloroethyl Vinyl ether	8.378	63	26	7.908	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	82035	24.235	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.061	75	82035	61.803	ug/l #	8

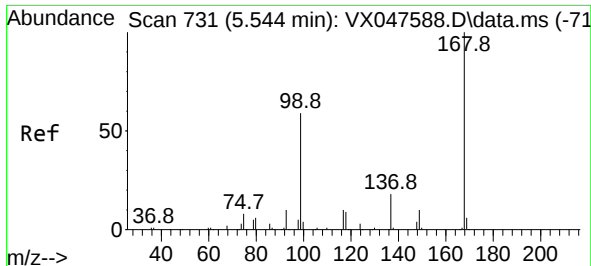
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-184-GW-520-522

Quant Time: Oct 03 03:30:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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Response via : Initial Calibration

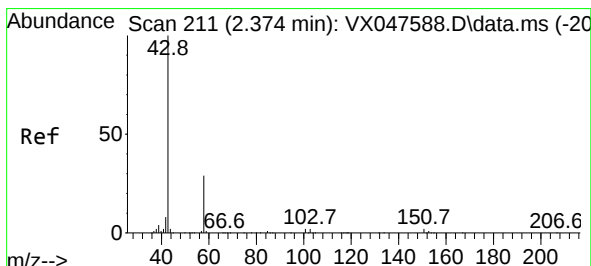
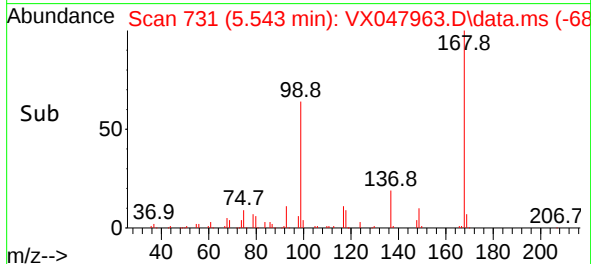
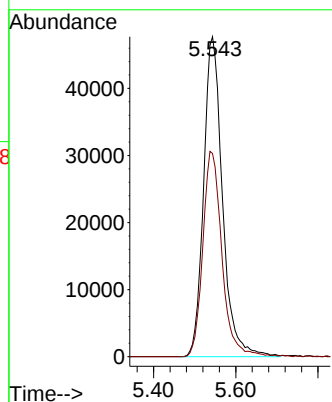
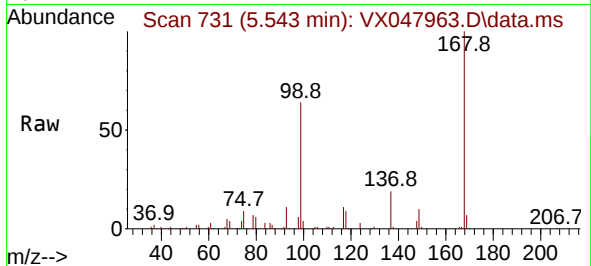




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

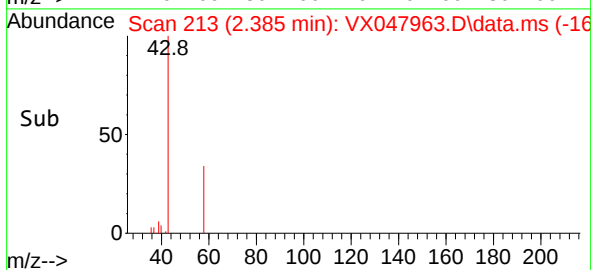
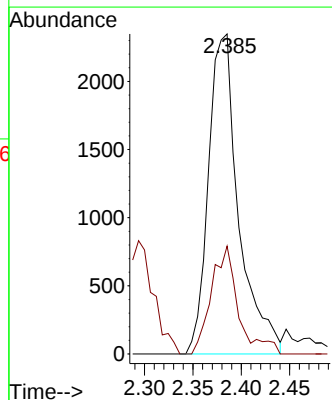
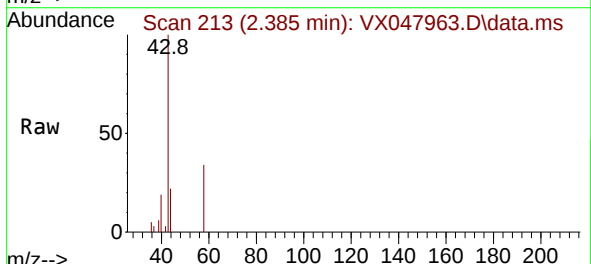
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

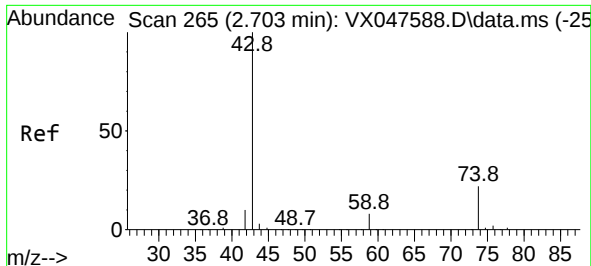
Tgt Ion:168 Resp: 151967
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#16
Acetone
Concen: 4.862 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 43 Resp: 5114
Ion Ratio Lower Upper
43 100
58 39.4 23.4 35.0#

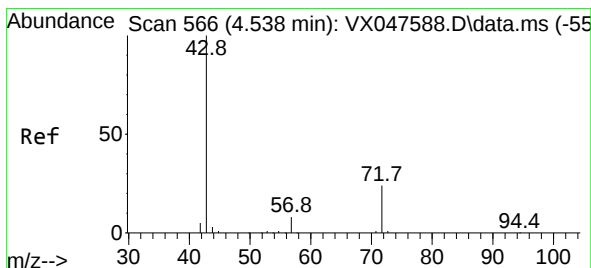
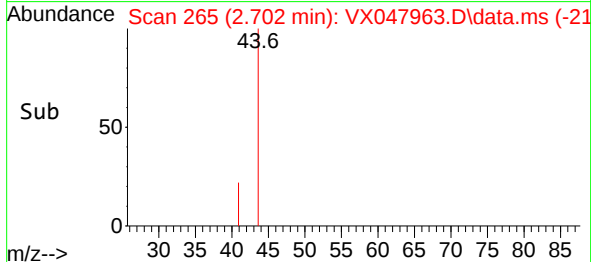
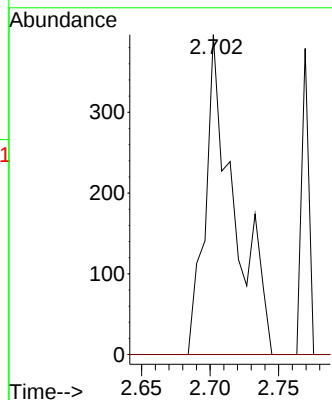
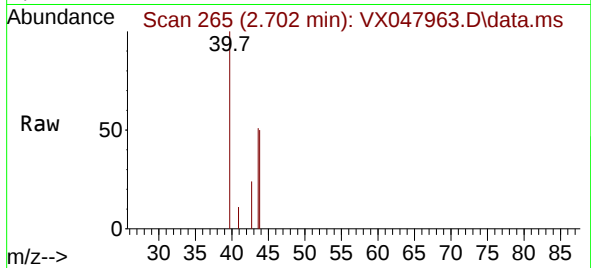




#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.702 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

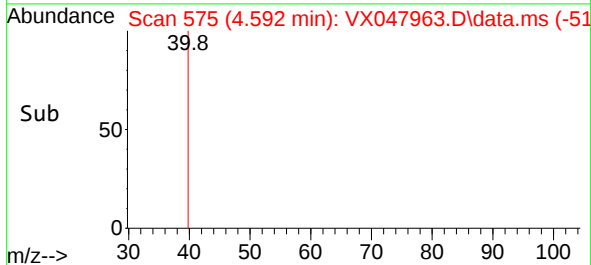
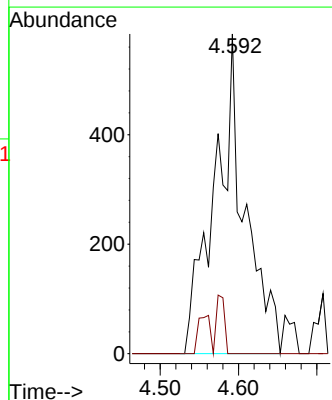
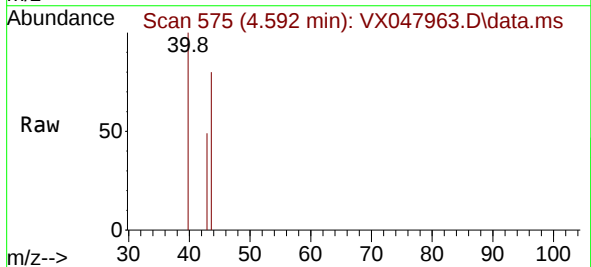
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

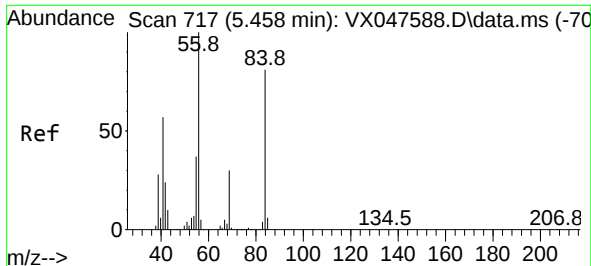
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#25
2-Butanone
Concen: 1.189 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.054 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#

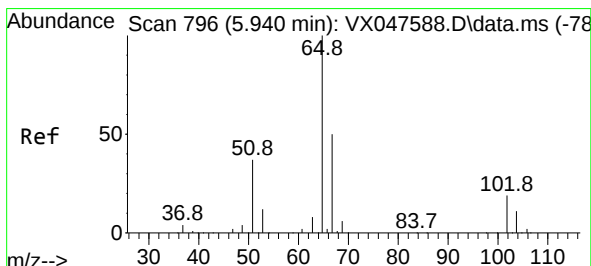
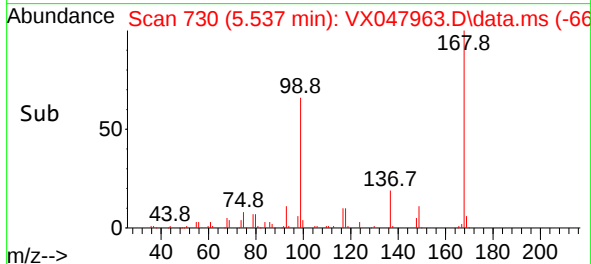
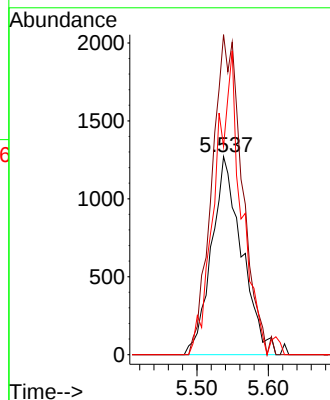
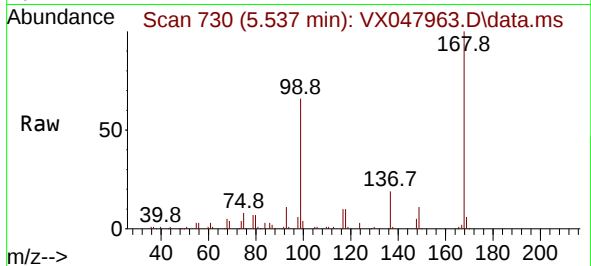




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

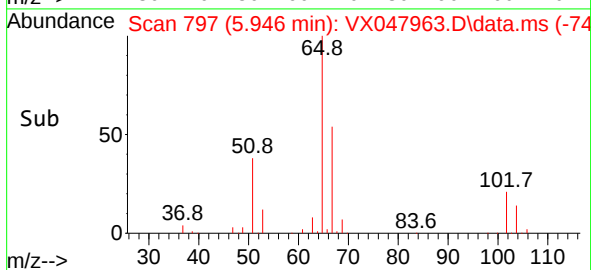
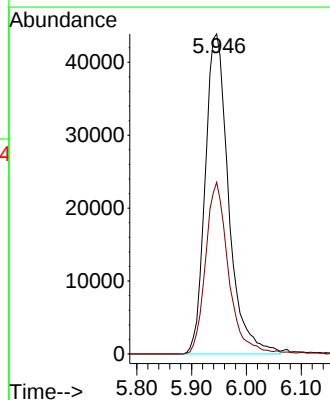
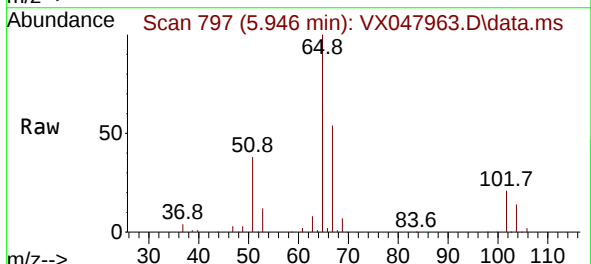
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion: 56 Resp: 3731
Ion Ratio Lower Upper
56 100
69 161.5 23.8 35.8#
84 105.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 65 Resp: 130160
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

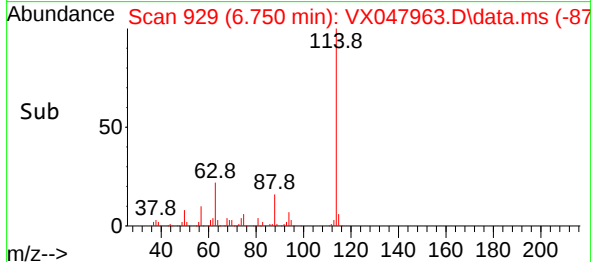
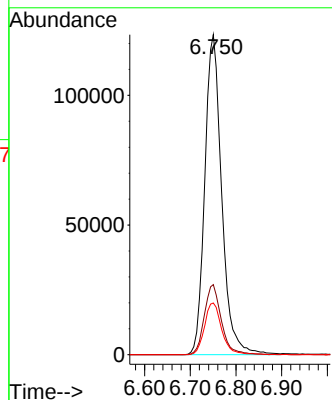
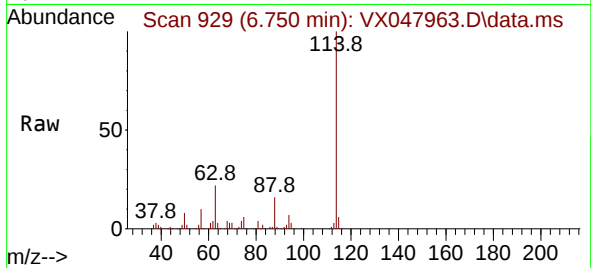




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

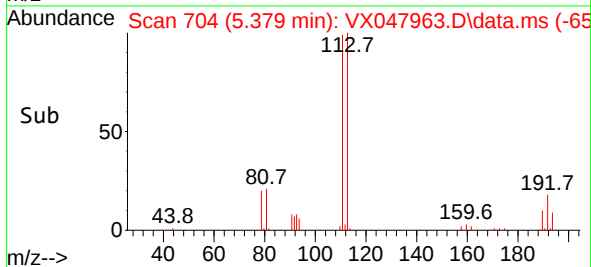
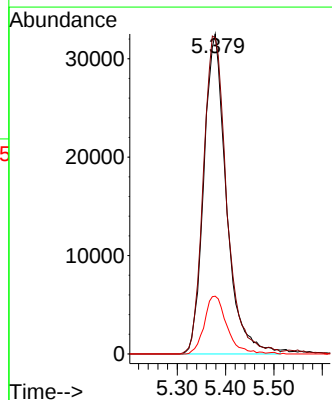
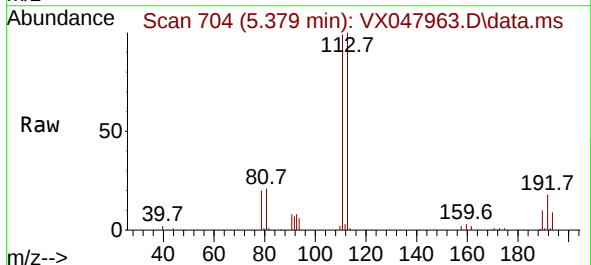
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

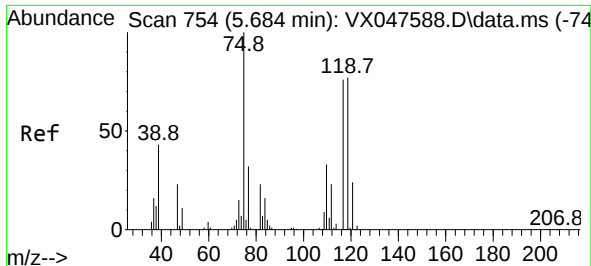
Tgt Ion:114 Resp: 317249
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion:113 Resp: 105359
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.1 14.2 21.4

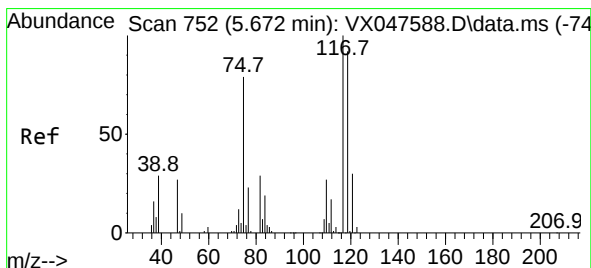
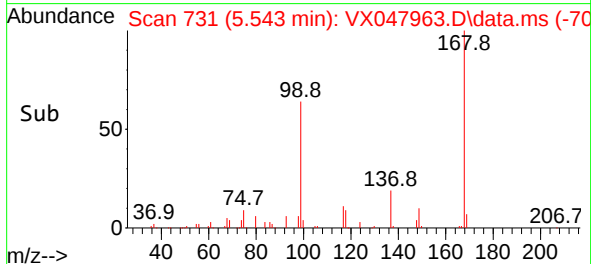
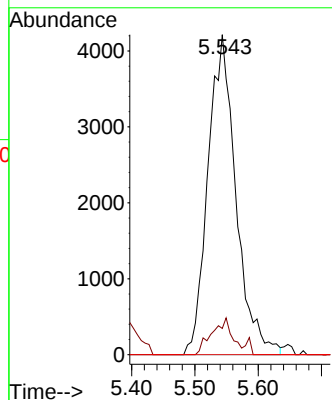
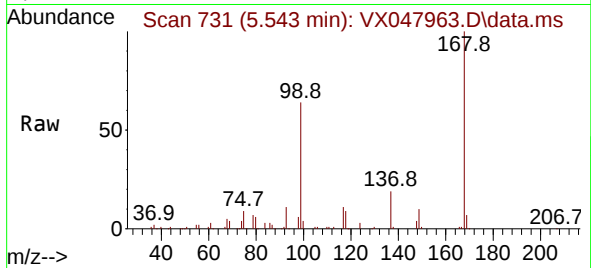




#36
1,1-Dichloropropene
Concen: 4.162 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

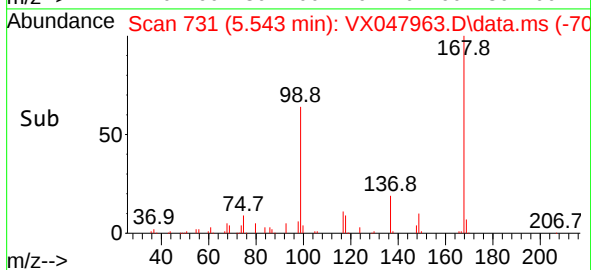
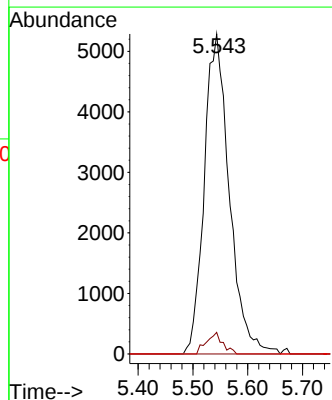
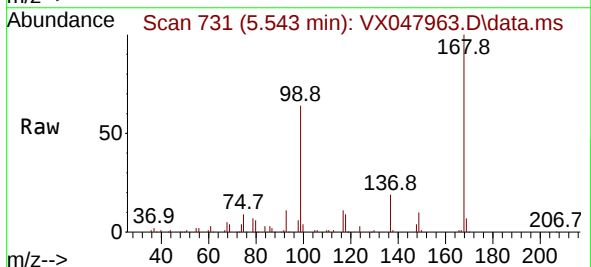
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion: 75 Resp: 12941
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.966 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.129 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 117 Resp: 16774
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 23.8 35.6#

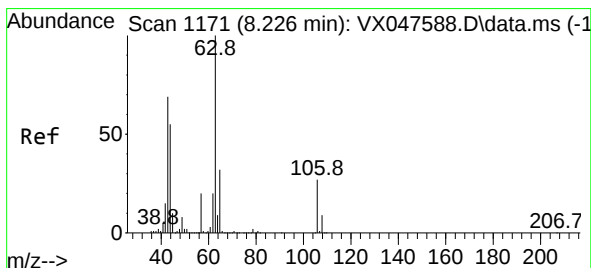
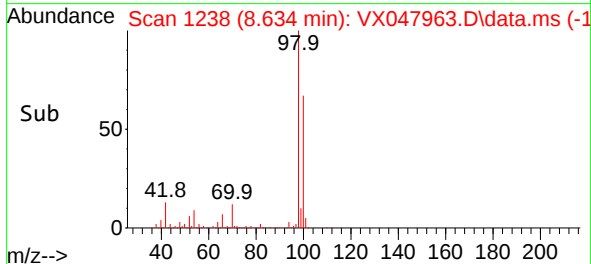
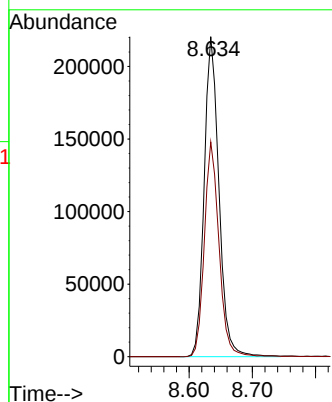
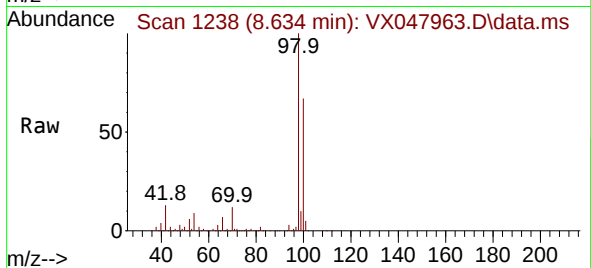




#50
Toluene-d8
Concen: 48.699 ug/l
RT: 8.634 min Scan# 1196
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

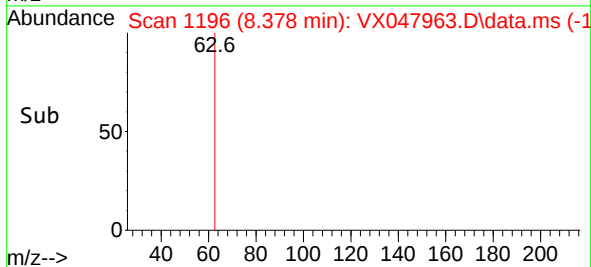
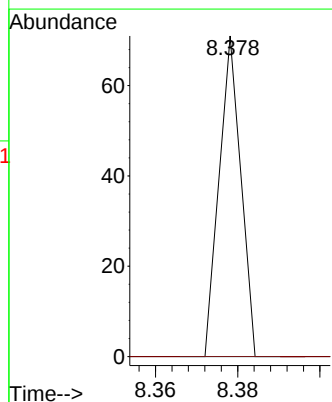
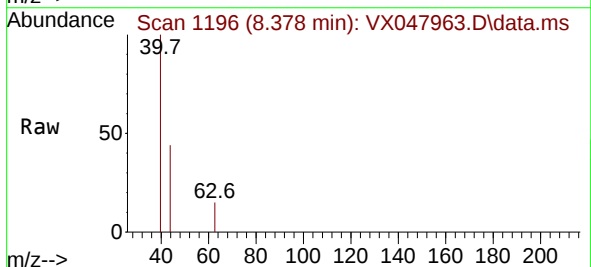
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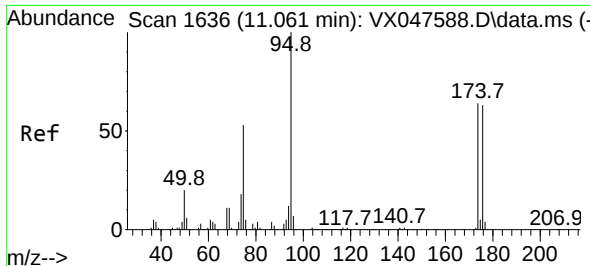
Tgt Ion: 98 Resp: 358525
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 7.908 ug/l
RT: 8.378 min Scan# 1196
Delta R.T. 0.152 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9

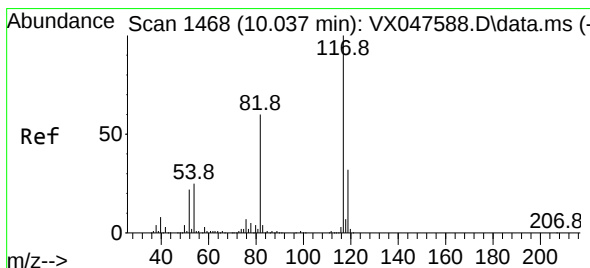
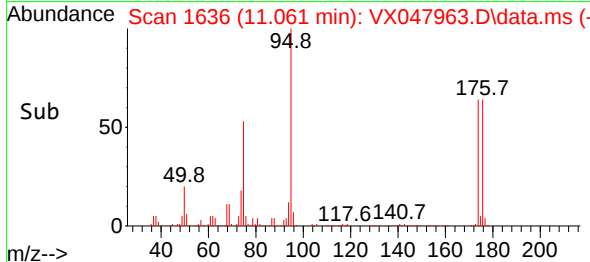
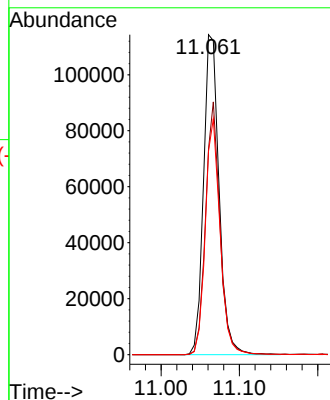
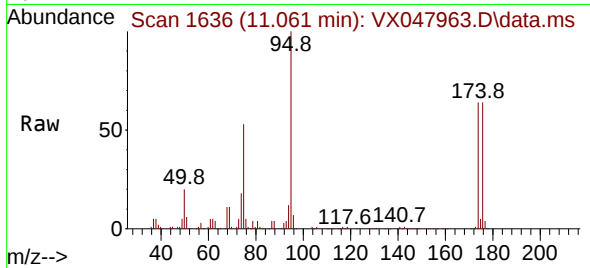




#62
4-Bromofluorobenzene
Concen: 56.329 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

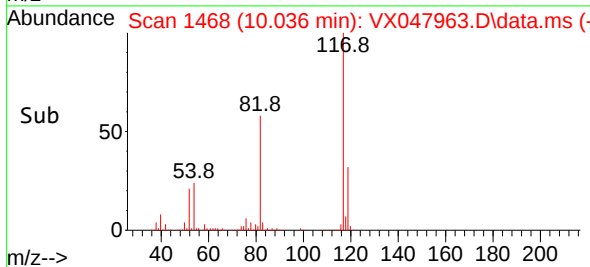
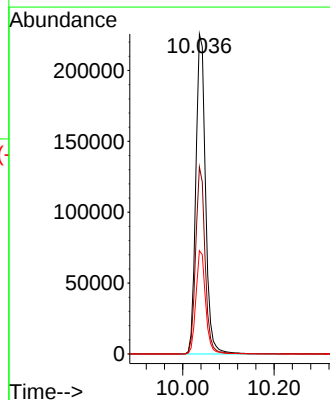
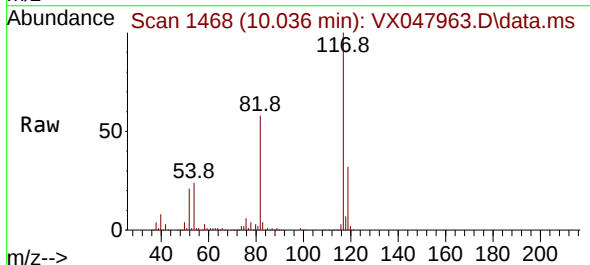
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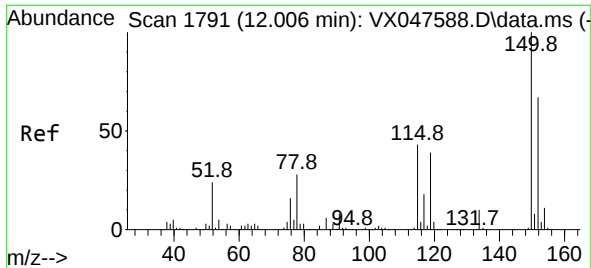
Tgt Ion: 95 Resp: 157385
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 117 Resp: 332386
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.3 25.2 37.8

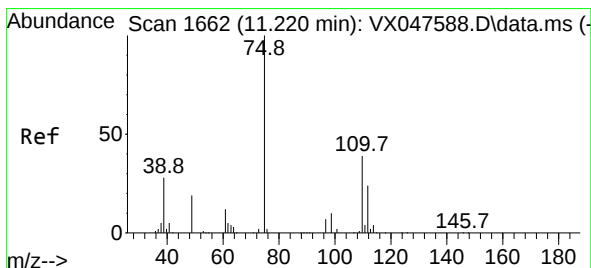
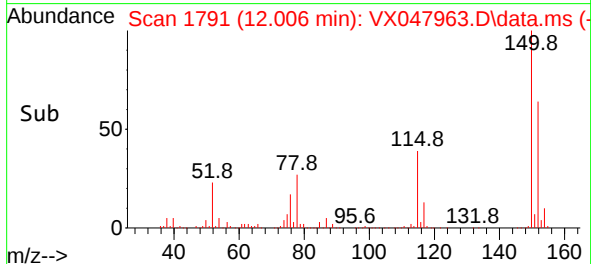
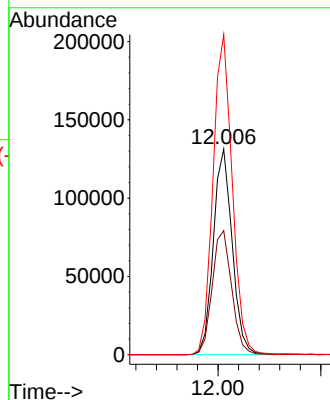
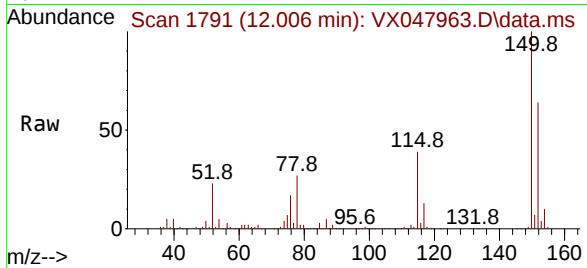




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: VX047963.D
 Acq: 02 Oct 2025 13:27

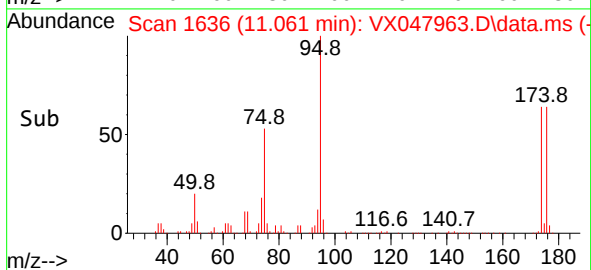
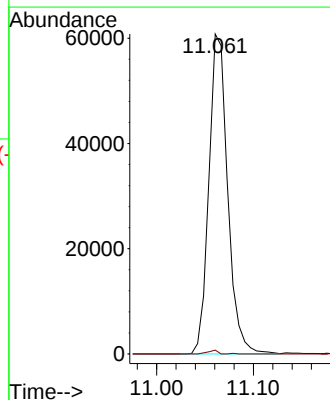
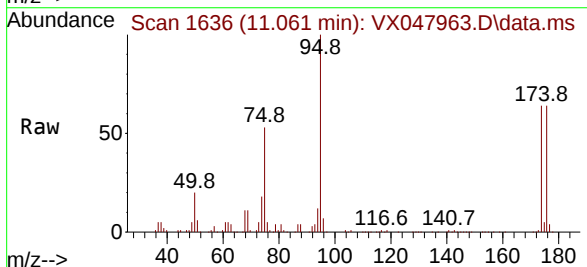
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-520-522

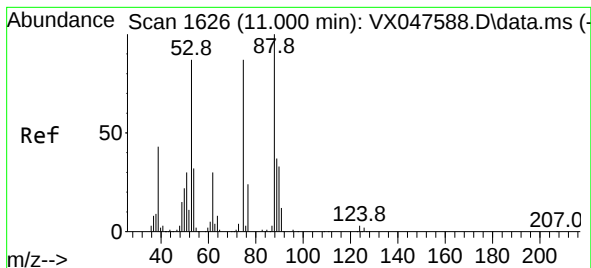
Tgt Ion:152 Resp: 167184
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 158.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.235 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047963.D
 Acq: 02 Oct 2025 13:27

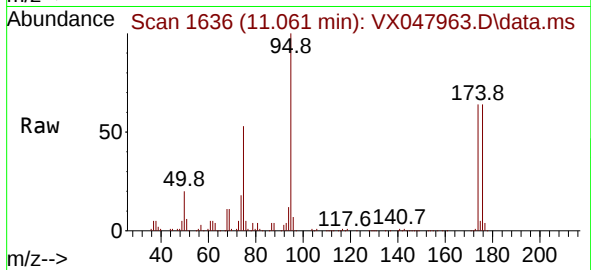
Tgt Ion: 75 Resp: 82035
 Ion Ratio Lower Upper
 75 100
 77 0.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.803 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.060 min
 Lab File: VX047963.D
 Acq: 02 Oct 2025 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-520-522



Tgt Ion: 75 Resp: 82035
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

