

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048002.D
 Acq On : 03 Oct 2025 17:59
 Operator : JC/MD
 Sample : Q3248-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-660-662

Quant Time: Oct 03 23:53:28 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)

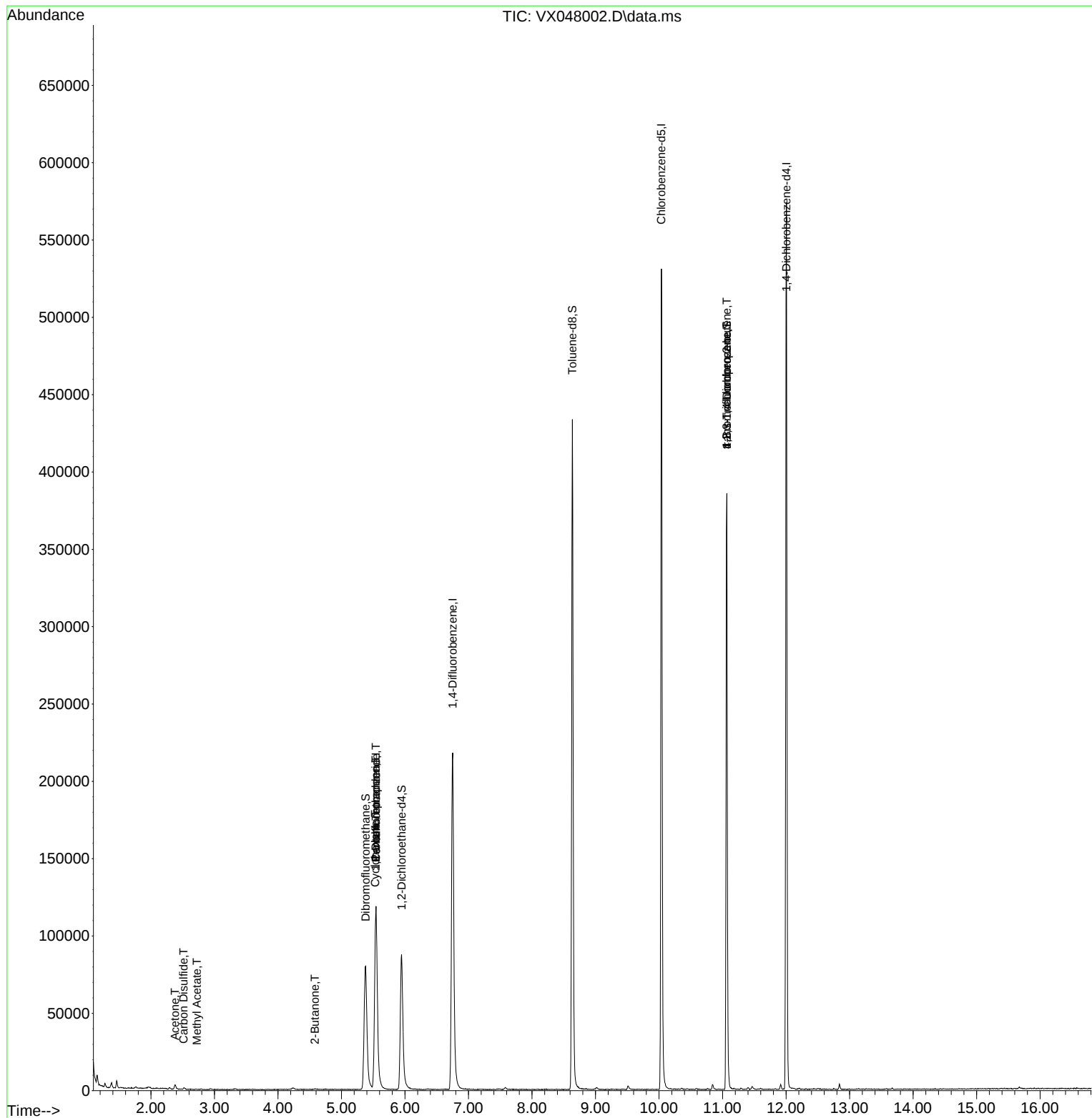
Internal Standards						
1) Pentafluorobenzene	5.544	168	117443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94386	50.490	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.980%	
35) Dibromofluoromethane	5.379	113	77636	49.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.420%	
50) Toluene-d8	8.635	98	264913	48.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.060%	
62) 4-Bromofluorobenzene	11.067	95	111863	53.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4007	4.930	ug/l	100
17) Carbon Disulfide	2.514	76	872	0.228	ug/l #	76
18) Methyl Acetate	2.721	43	396	0.219	ug/l #	54
25) 2-Butanone	4.581	43	869	0.857	ug/l	97
31) Cyclohexane	5.532	56	2385	0.965	ug/l #	36
36) 1,1-Dichloropropene	5.538	75	9829	4.264	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12909	5.154	ug/l #	19
76) 1,2,3-Trichloropropane	11.067	75	58628	24.507	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	58628	62.497	ug/l #	8

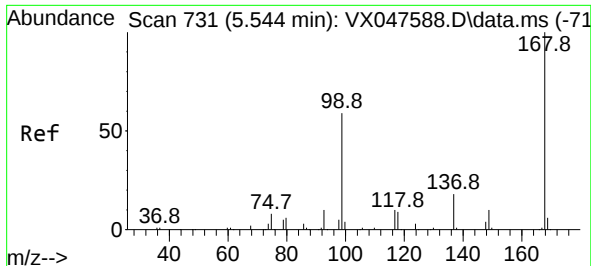
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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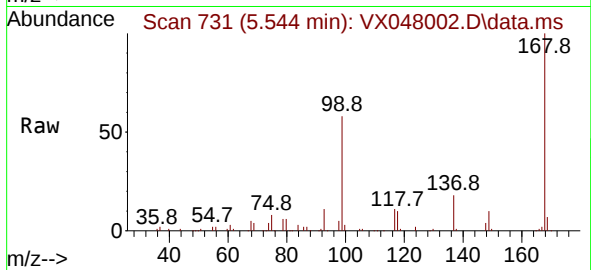
Quant Time: Oct 03 23:53:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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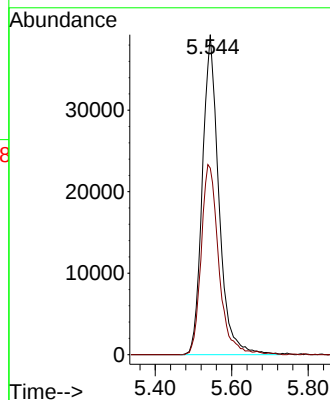
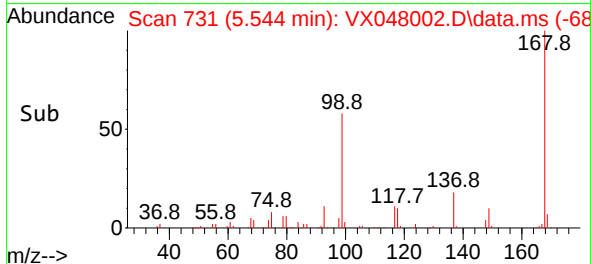


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-660-662

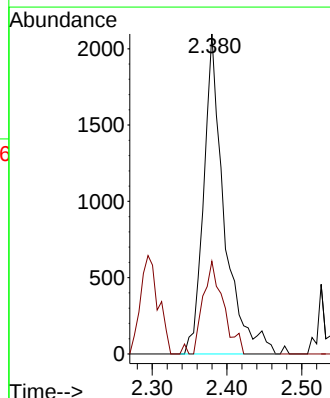
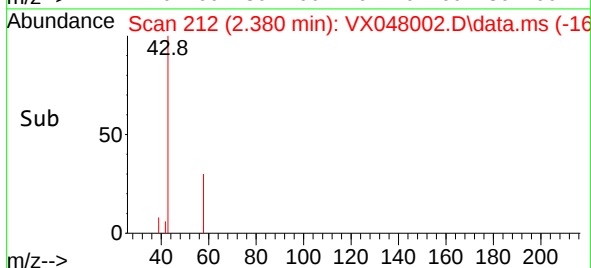
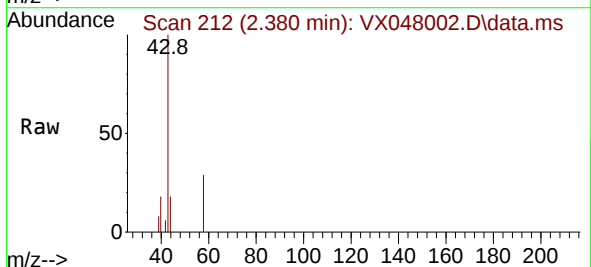


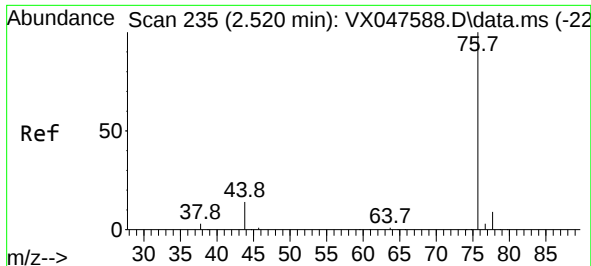
Tgt Ion:168 Resp: 117443
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2



#16
Acetone
Concen: 4.930 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
58 28.9 23.4 35.0





#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048002.D

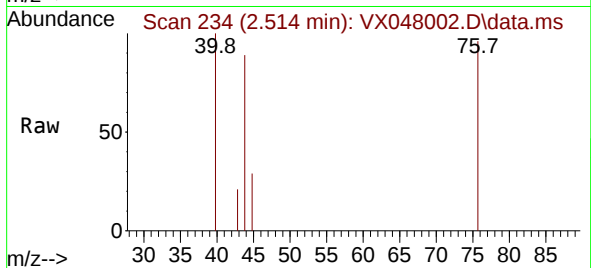
Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-660-662

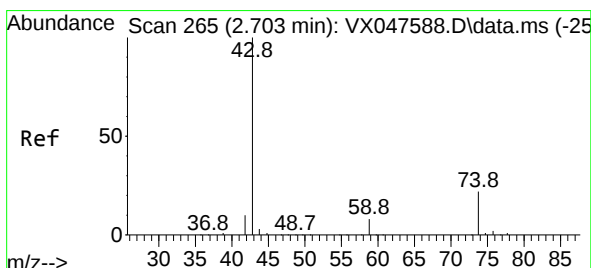
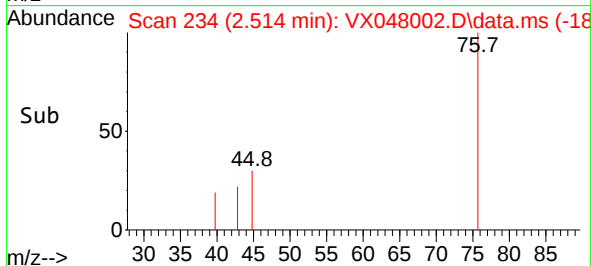
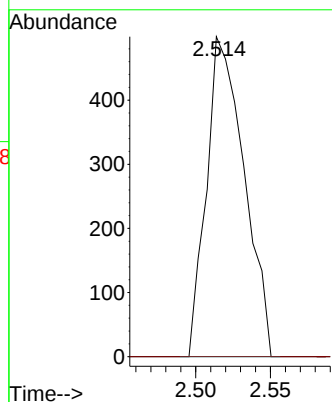


Tgt Ion: 76 Resp: 872

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.018 min

Lab File: VX048002.D

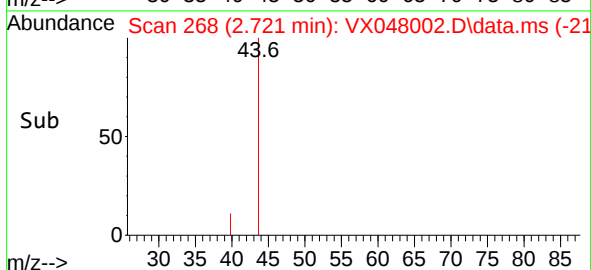
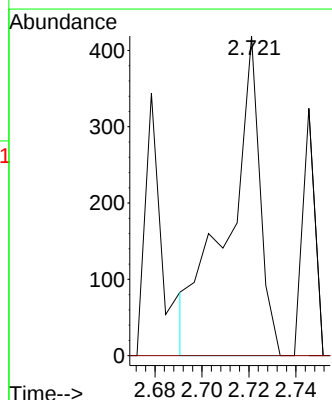
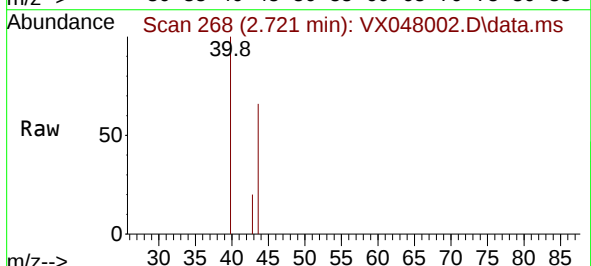
Acq: 03 Oct 2025 17:59

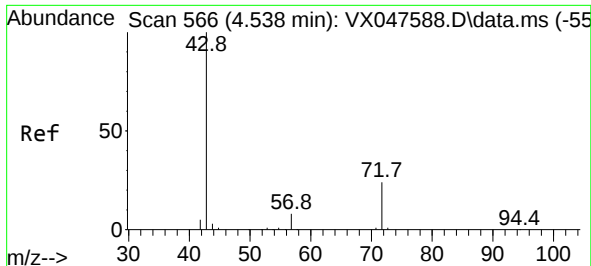
Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#





#25

2-Butanone

Concen: 0.857 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

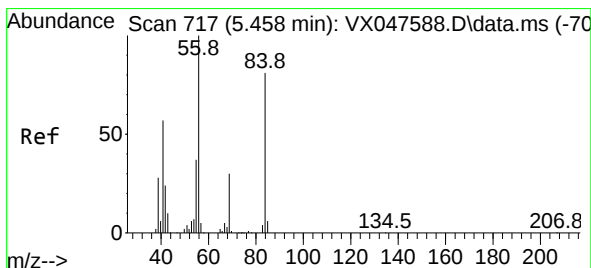
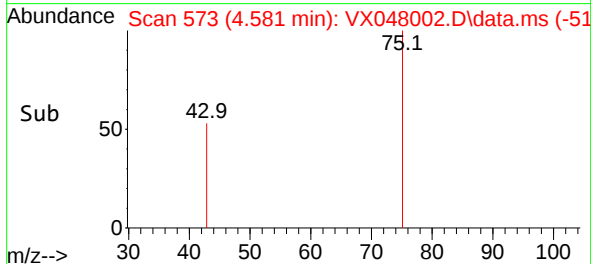
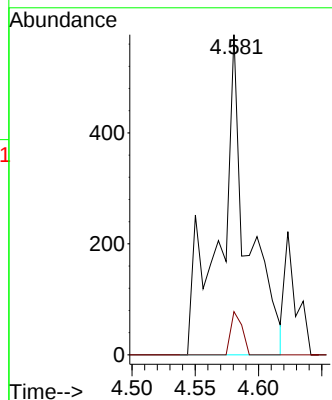
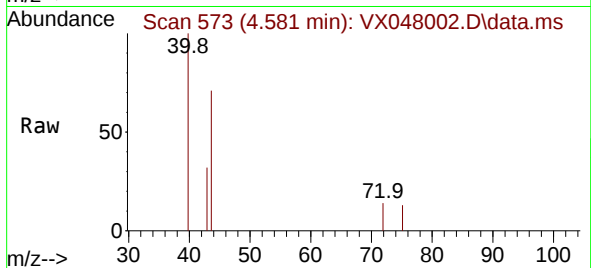
BP-VPB-184-GW-660-662

Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

72 26.4 20.1 30.1



#31

Cyclohexane

Concen: 0.965 ug/l

RT: 5.532 min Scan# 729

Delta R.T. 0.073 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

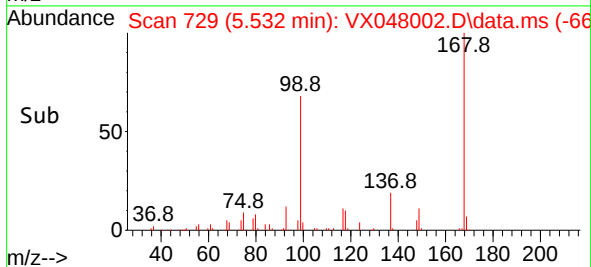
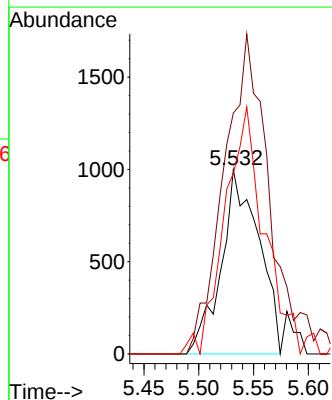
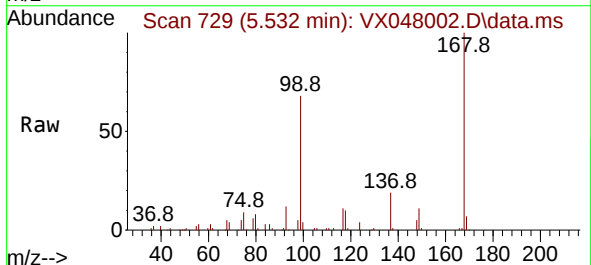
Tgt Ion: 56 Resp: 2385

Ion Ratio Lower Upper

56 100

69 130.6 23.8 35.8#

84 98.0 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.490 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

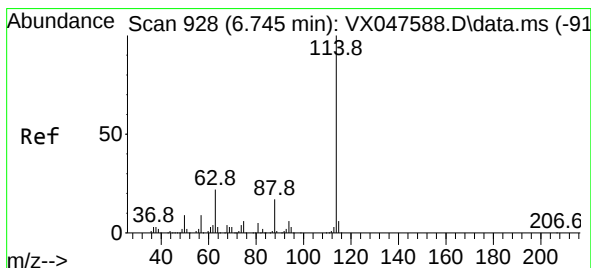
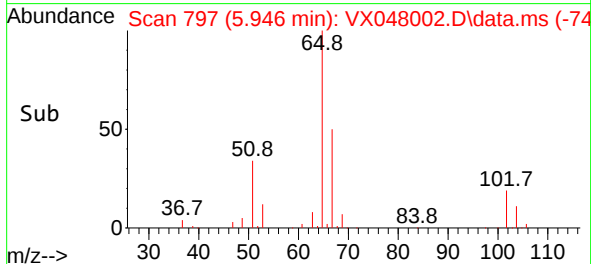
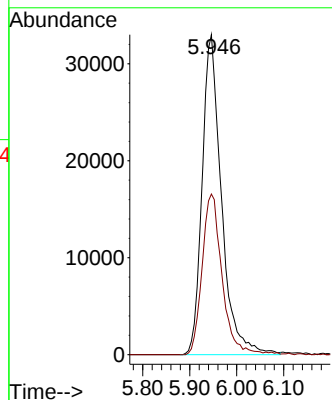
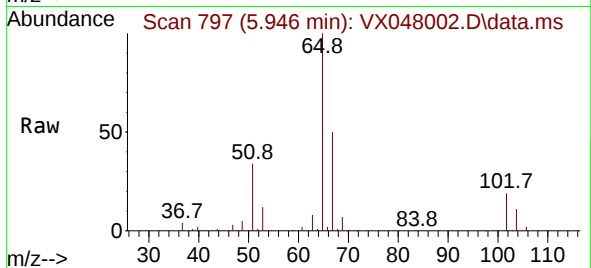
BP-VPB-184-GW-660-662

Tgt Ion: 65 Resp: 94386

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

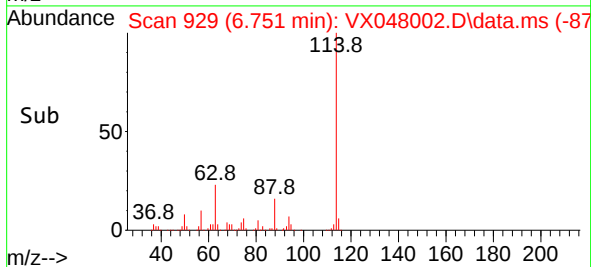
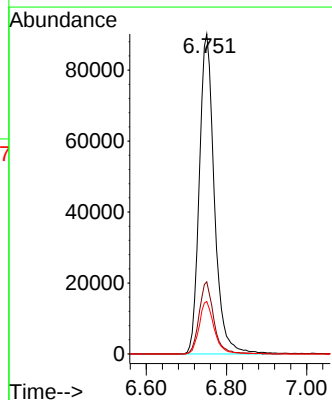
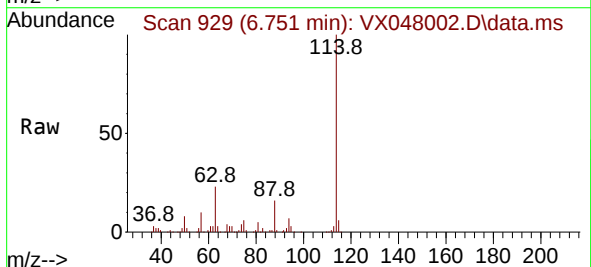
Tgt Ion: 114 Resp: 235229

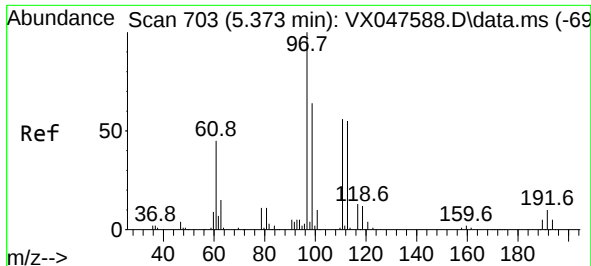
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.4 0.0 34.2

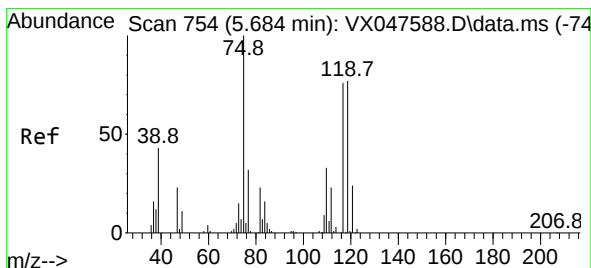
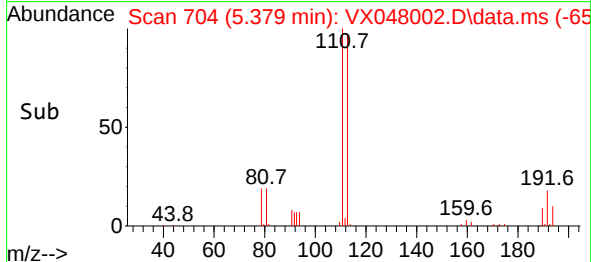
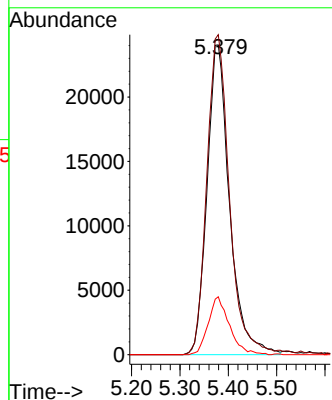
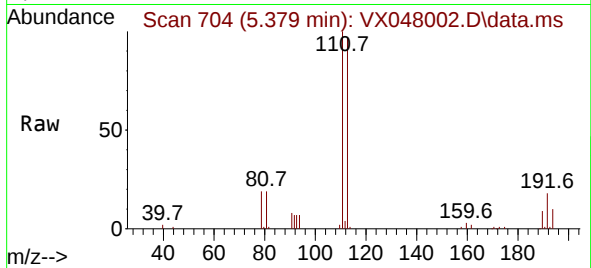




#35
Dibromofluoromethane
Concen: 49.212 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

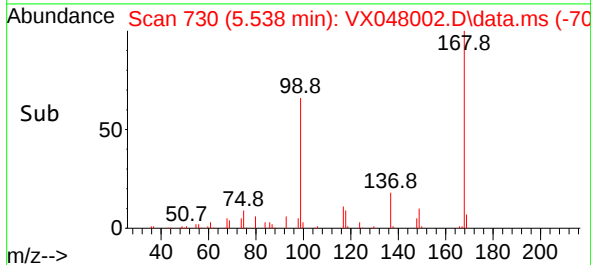
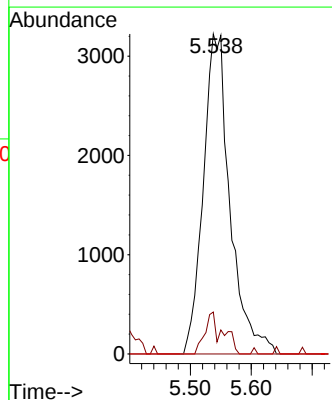
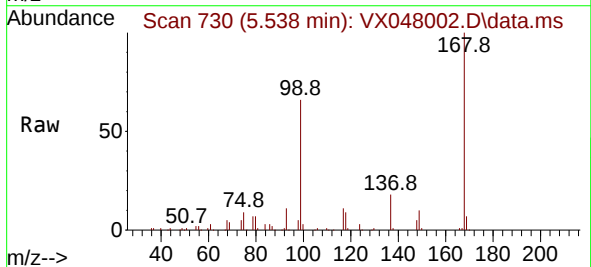
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:113 Resp: 77636
Ion Ratio Lower Upper
113 100
111 104.4 80.9 121.3
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.264 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 75 Resp: 9829
Ion Ratio Lower Upper
75 100
110 6.8 16.7 50.1#
77 0.0 24.3 36.5#

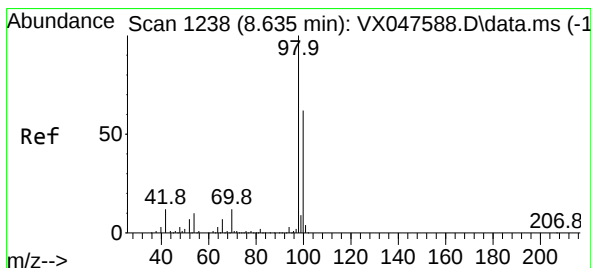
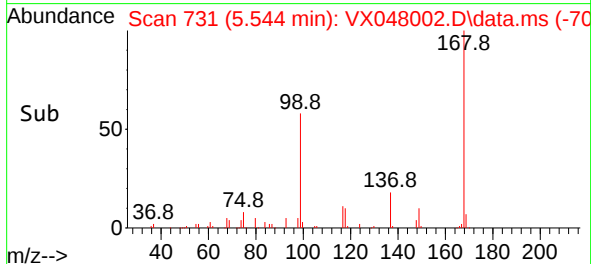
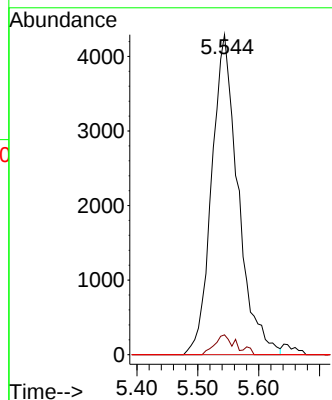
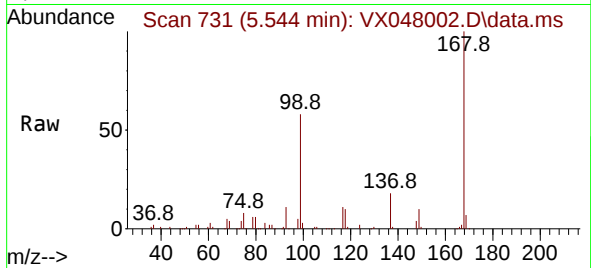




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

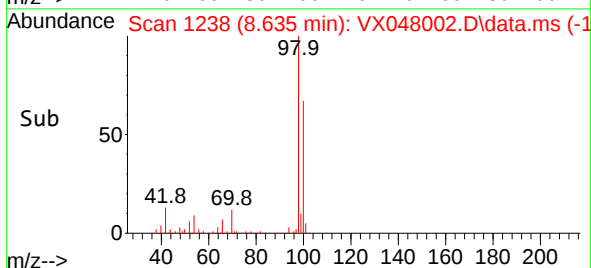
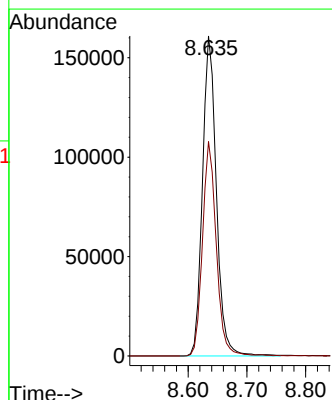
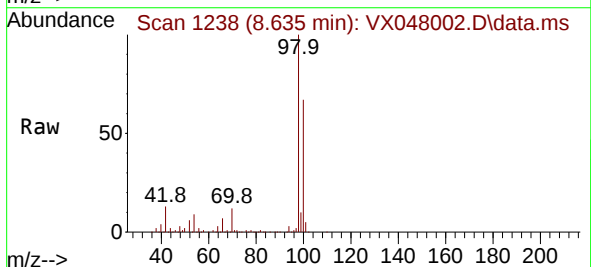
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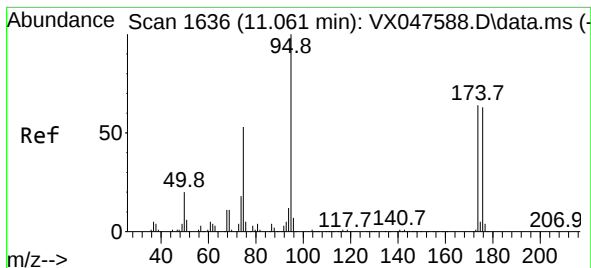
Tgt Ion:117 Resp: 12909
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.530 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 98 Resp: 264913
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

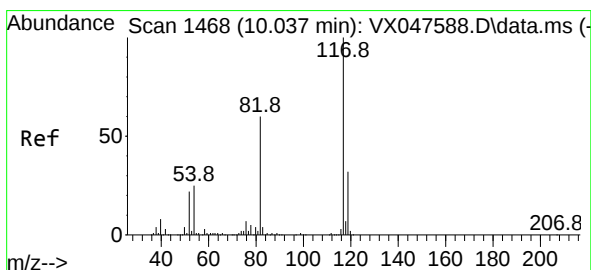
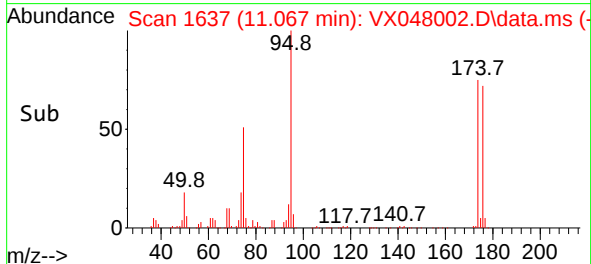
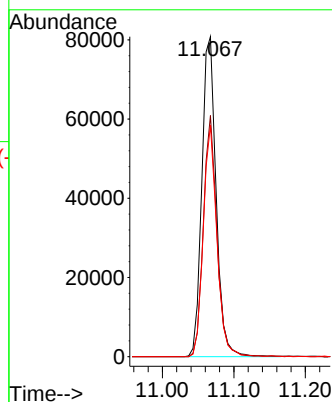
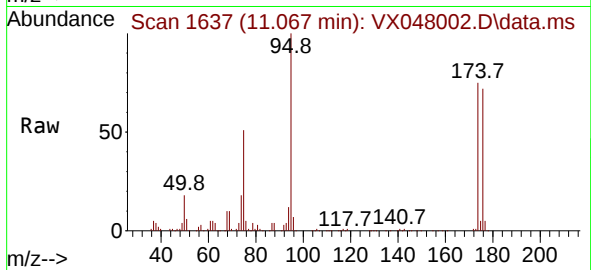




#62
4-Bromofluorobenzene
Concen: 53.996 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

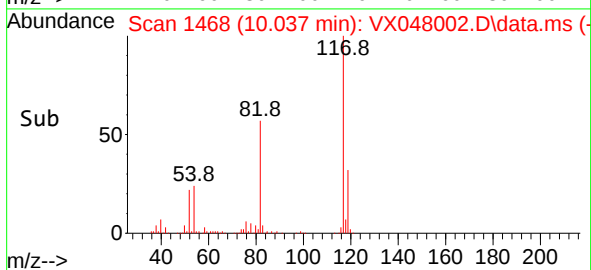
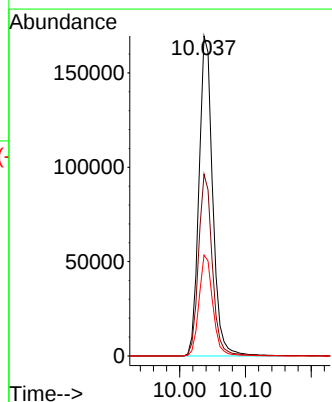
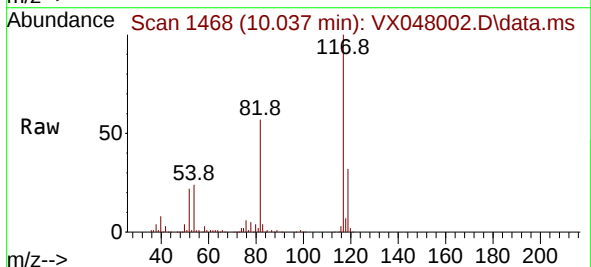
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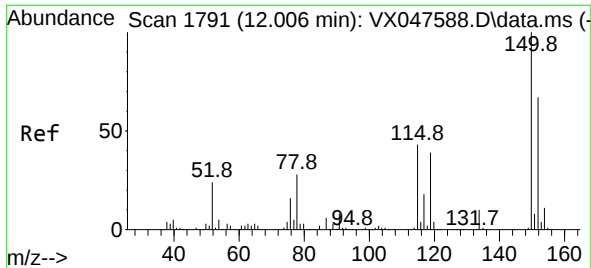
Tgt Ion: 95 Resp: 111863
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 117 Resp: 244995
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.6
119 31.6 25.2 37.8

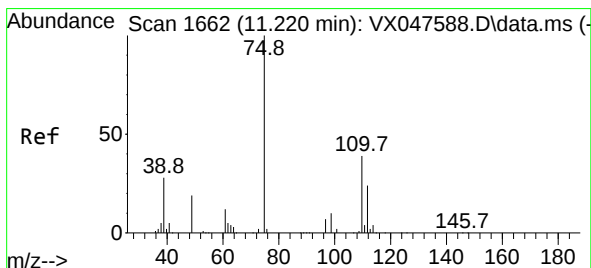
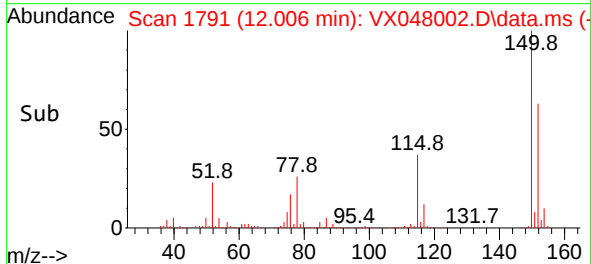
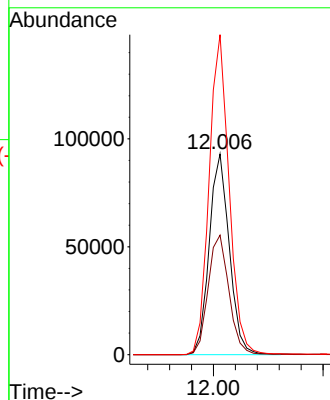
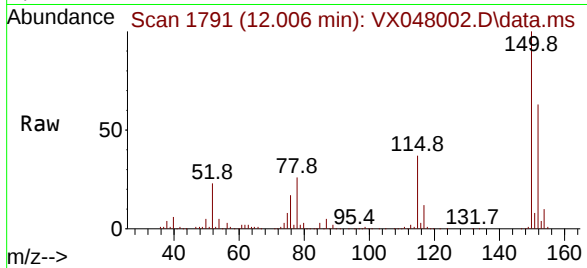




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048002.D
 Acq: 03 Oct 2025 17:59

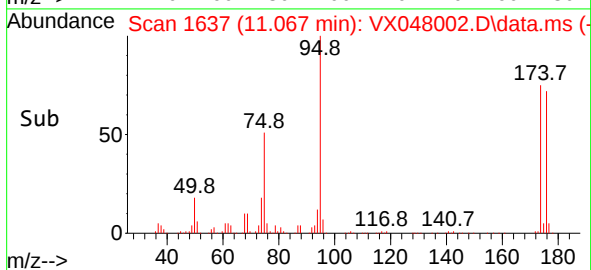
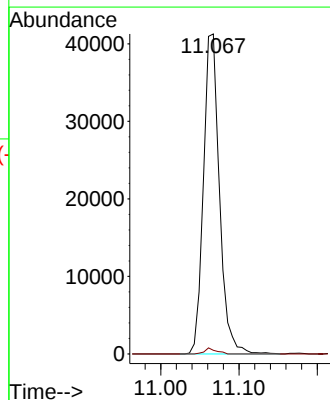
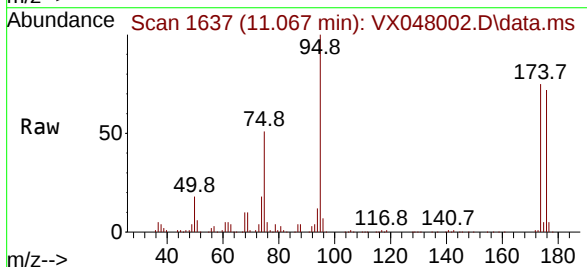
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-660-662

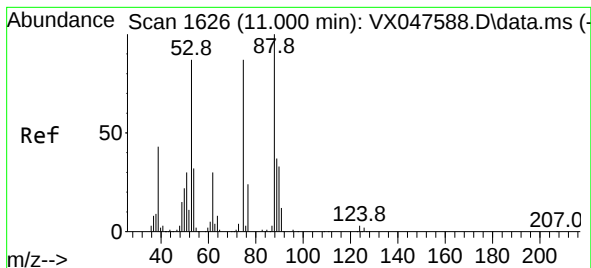
Tgt Ion:152 Resp: 118155
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 159.2 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.507 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.152 min
 Lab File: VX048002.D
 Acq: 03 Oct 2025 17:59

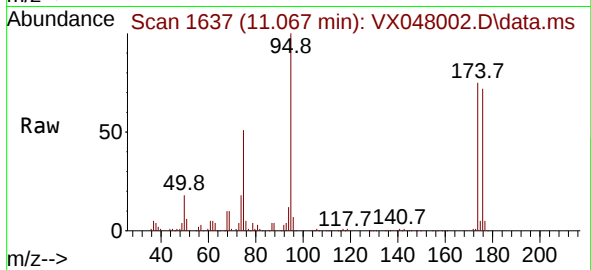
Tgt Ion: 75 Resp: 58628
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.497 ug/l
 RT: 11.067 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX048002.D
 Acq: 03 Oct 2025 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-660-662



Tgt Ion: 75 Resp: 58628
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

