

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048427.D
 Acq On : 31 Oct 2025 13:25
 Operator : JC/MD
 Sample : Q3495-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 31 23:04:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

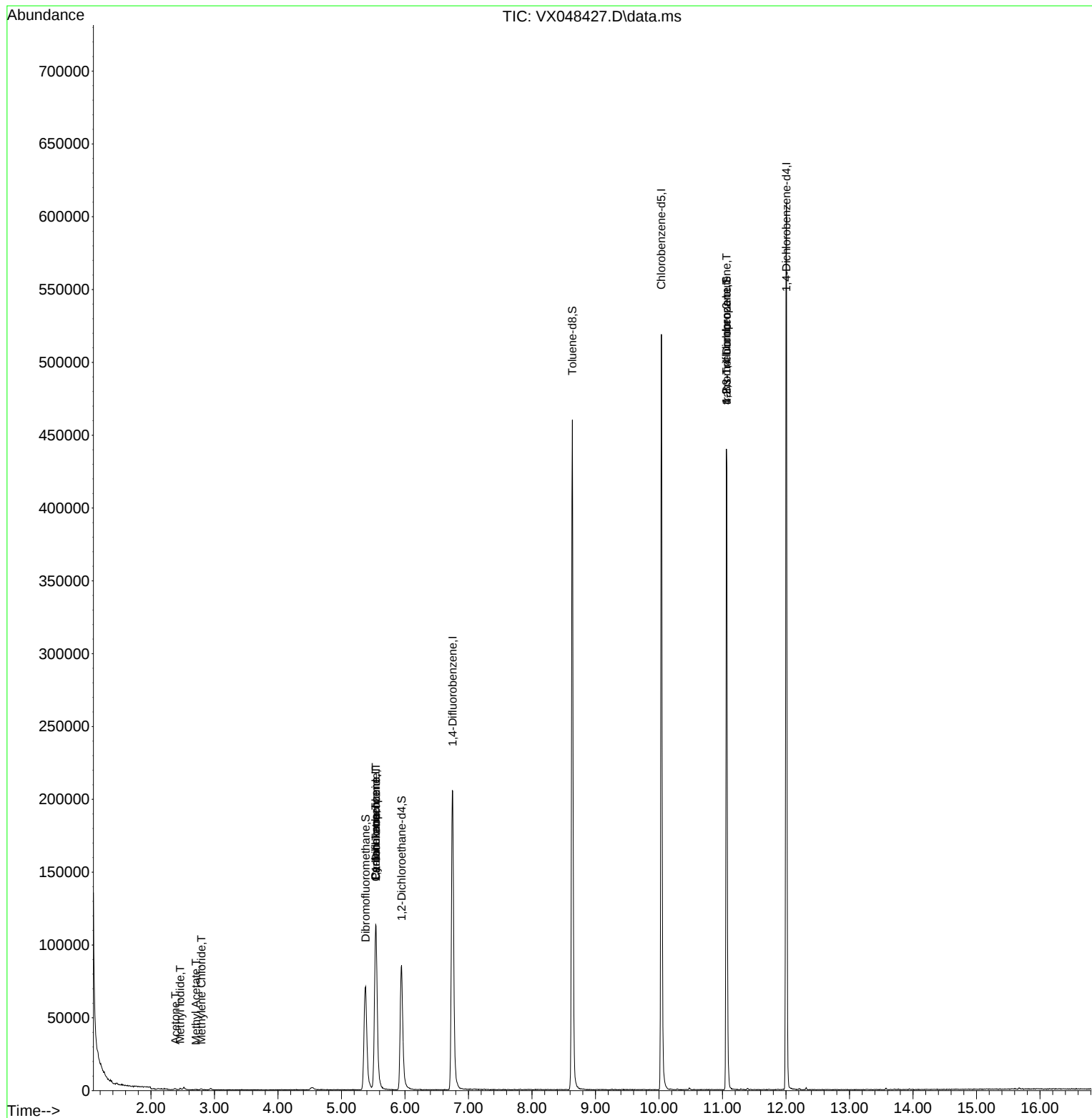
Internal Standards						
1) Pentafluorobenzene	5.538	168	118936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	236513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93850	54.868	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.740%		
35) Dibromofluoromethane	5.379	113	71822	53.263	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.520%		
50) Toluene-d8	8.635	98	287619	48.320	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.640%		
62) 4-Bromofluorobenzene	11.061	95	128638	57.771	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 115.540%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	1171	0.214	ug/l #	91
16) Acetone	2.386	43	1164	3.003	ug/l #	68
18) Methyl Acetate	2.709	43	423	0.326	ug/l #	54
20) Methylene Chloride	2.794	84	300	0.201	ug/l #	63
31) Cyclohexane	5.538	56	2283	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9163	4.046	ug/l #	48
38) Carbon Tetrachloride	5.544	117	12052	4.610	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	67138	35.878	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	67138	124.160	ug/l #	10

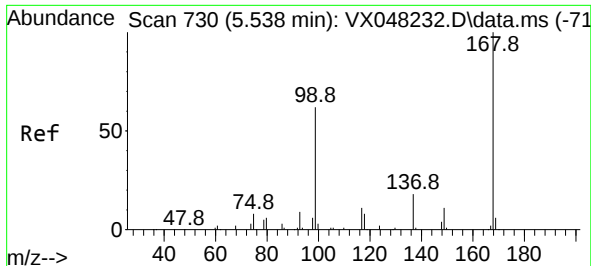
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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Quant Time: Oct 31 23:04:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
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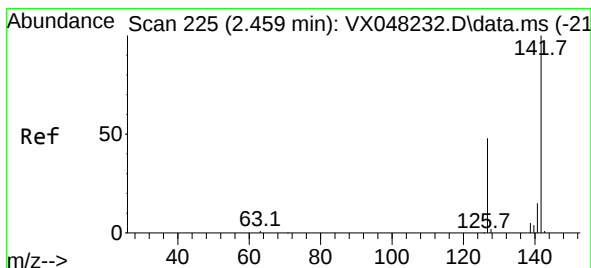
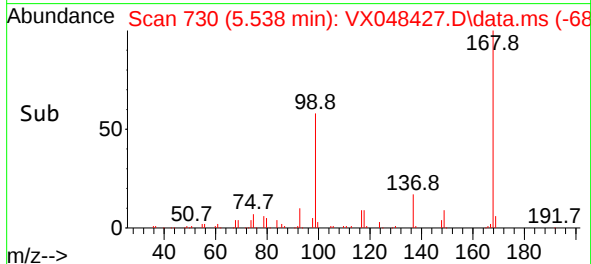
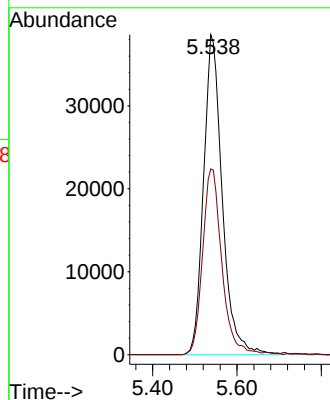
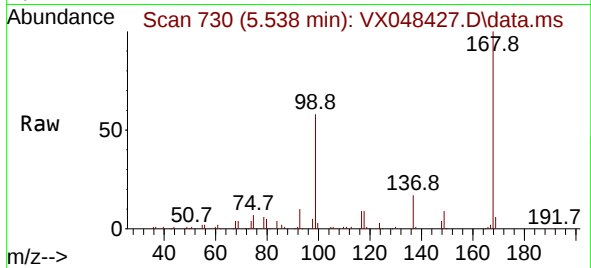




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

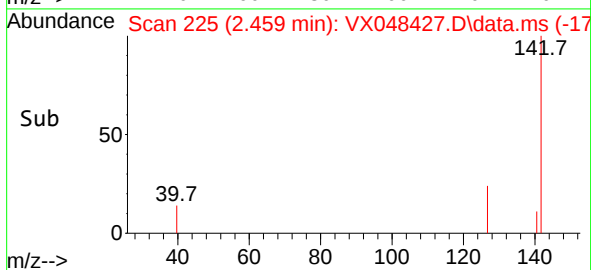
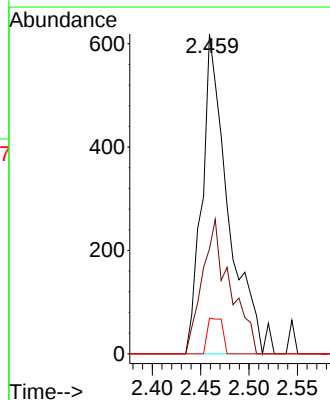
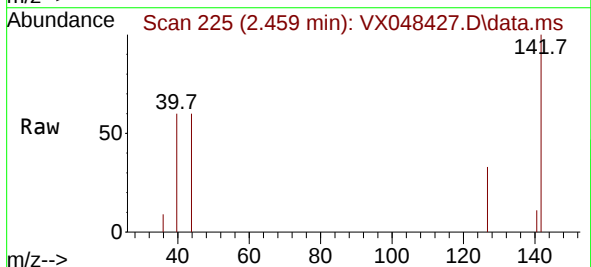
Instrument :
MSVOA_X
ClientSampleId :
TB

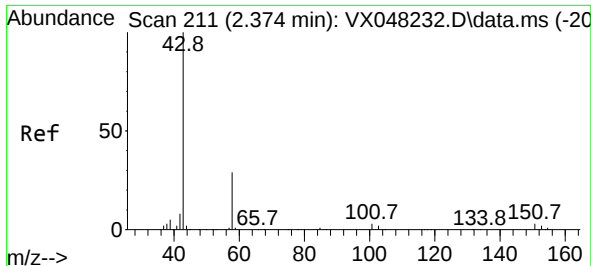
Tgt Ion:168 Resp: 118936
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion:142 Resp: 1171
Ion Ratio Lower Upper
142 100
127 44.4 38.5 57.7
141 6.3 11.6 17.4#

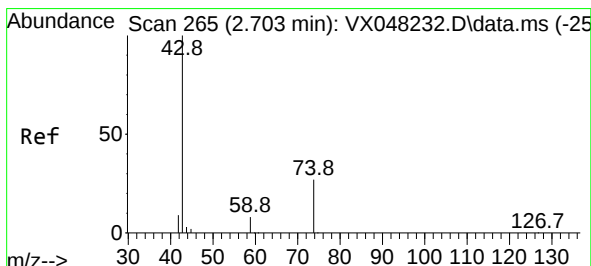
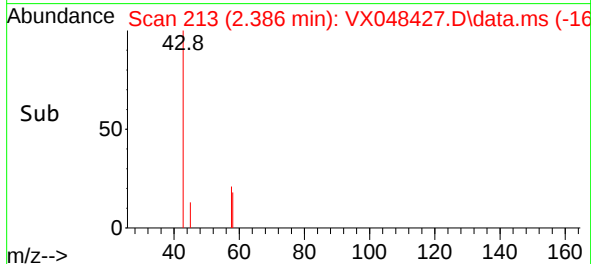
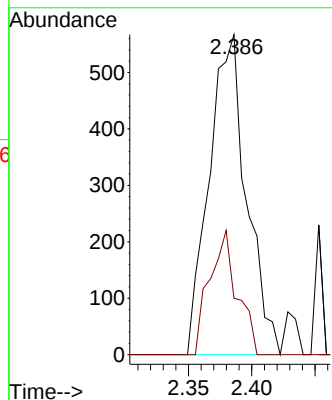
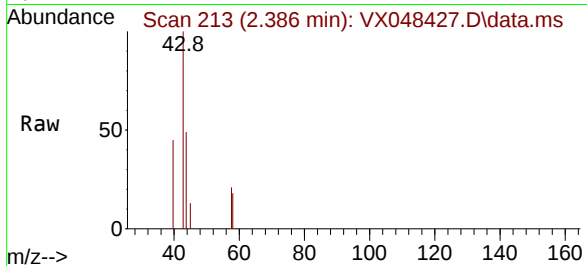




#16
Acetone
Concen: 3.003 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

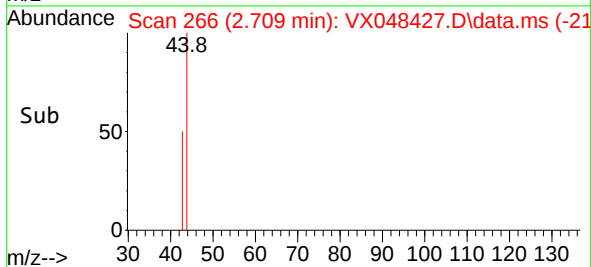
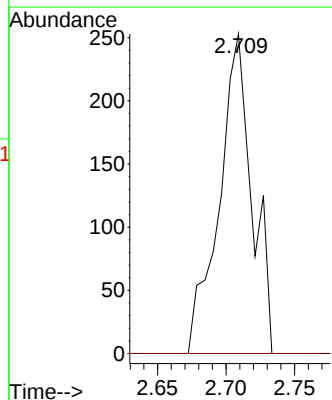
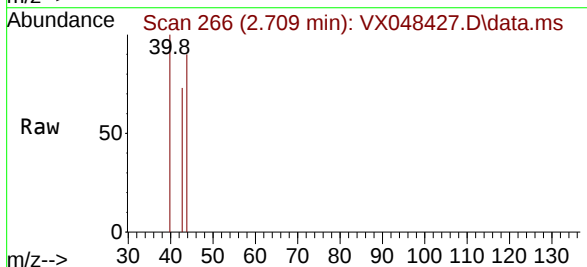
Instrument :
MSVOA_X
ClientSampleId :
TB

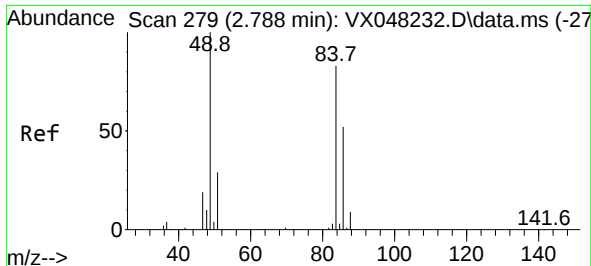
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 11.9 23.4 35.2#



#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

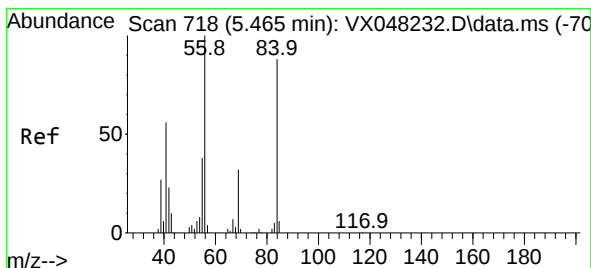
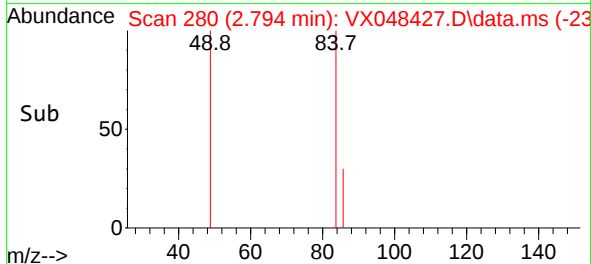
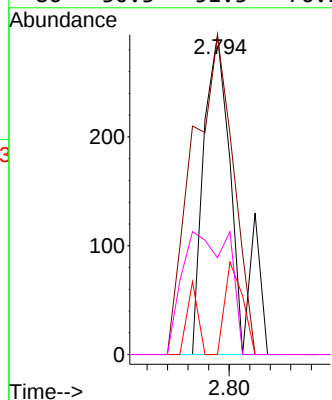
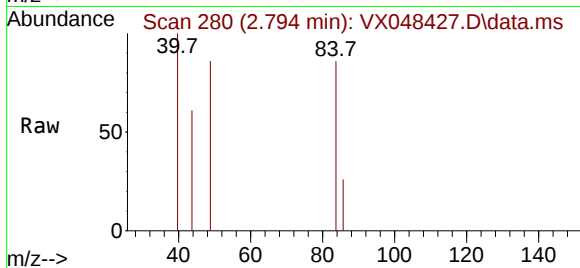




#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

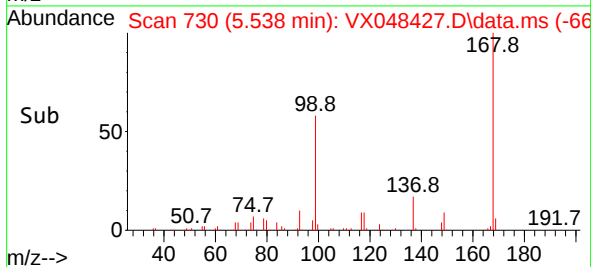
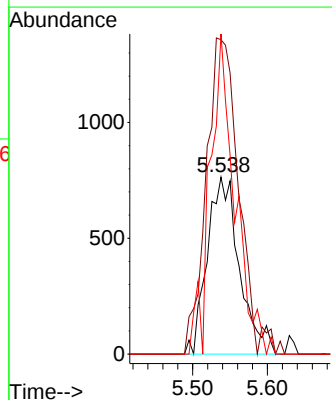
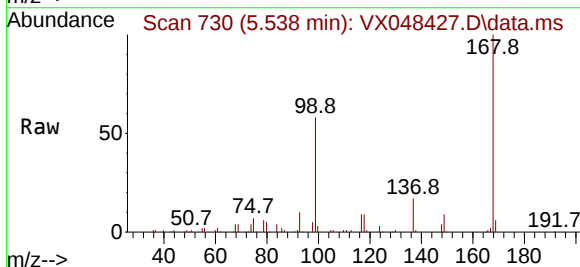
Instrument :
MSVOA_X
ClientSampleId :
TB

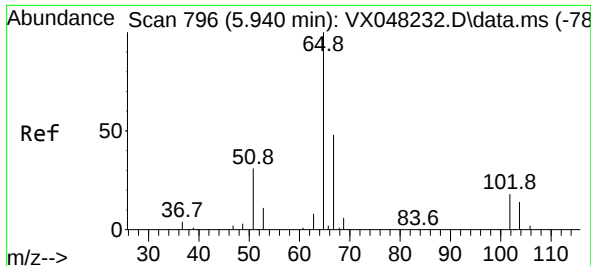
Tgt Ion:	84	Resp:	300
Ion	Ratio	Lower	Upper
84	100		
49	99.7	104.1	156.1#
51	0.0	31.3	46.9#
86	30.3	51.3	76.9#



#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion:	56	Resp:	2283
Ion	Ratio	Lower	Upper
56	100		
69	177.6	23.0	34.6#
84	180.9	64.6	97.0#

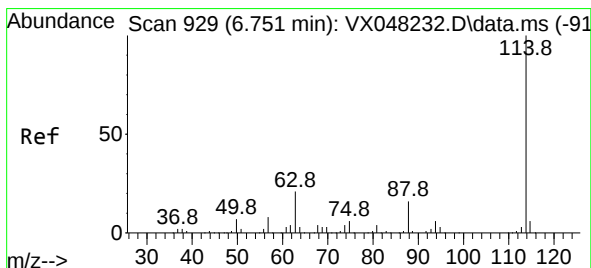
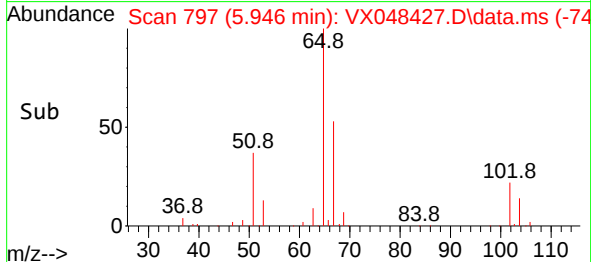
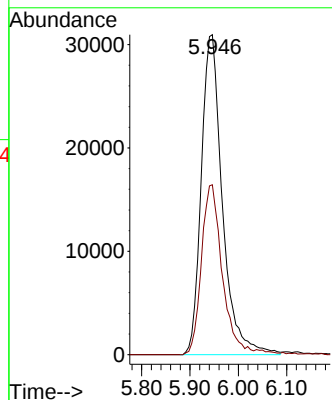
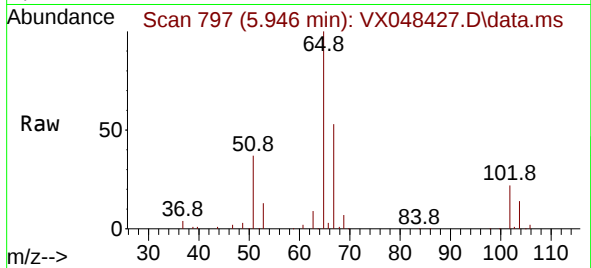




#33
 1,2-Dichloroethane-d4
 Concen: 54.868 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048427.D
 Acq: 31 Oct 2025 13:25

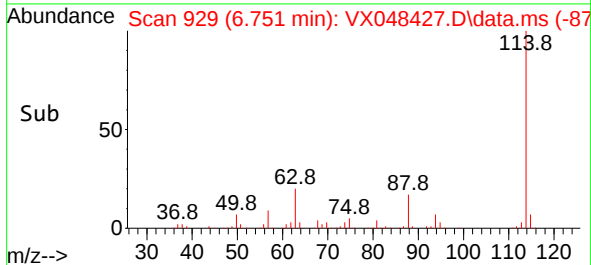
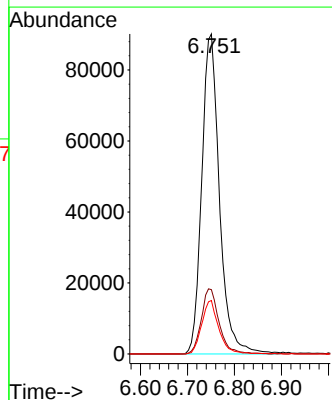
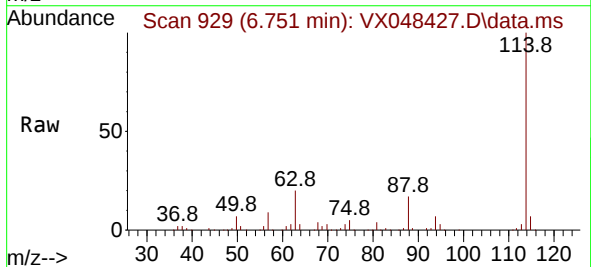
Instrument :
 MSVOA_X
 ClientSampleId :
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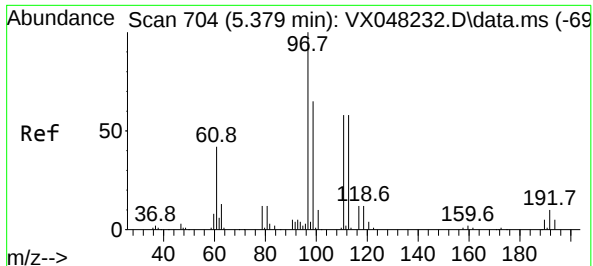
Tgt Ion: 65 Resp: 93850
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048427.D
 Acq: 31 Oct 2025 13:25

Tgt Ion: 114 Resp: 236513
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 16.7 0.0 33.6

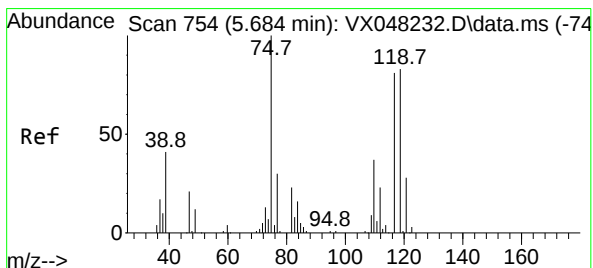
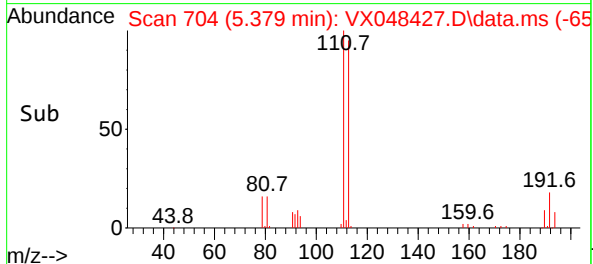
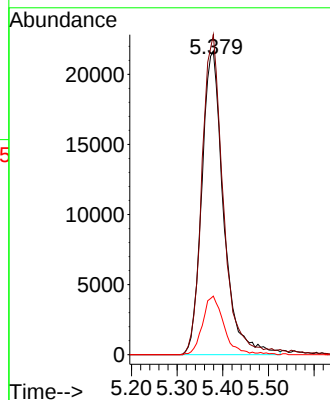
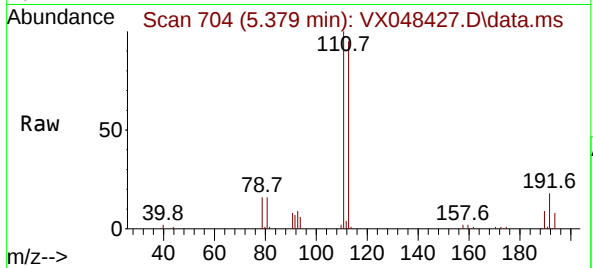




#35
Dibromofluoromethane
Concen: 53.263 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

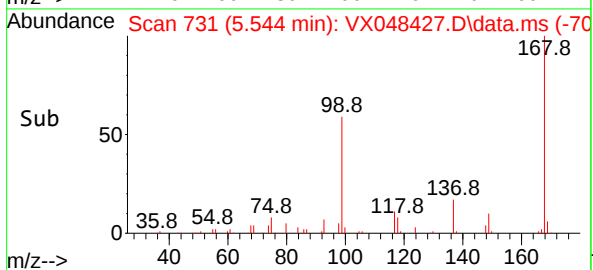
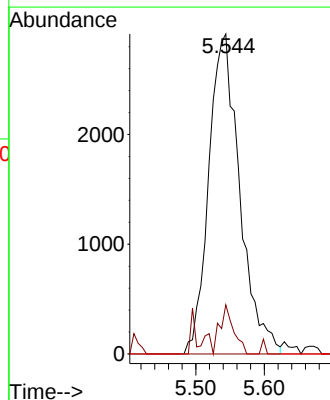
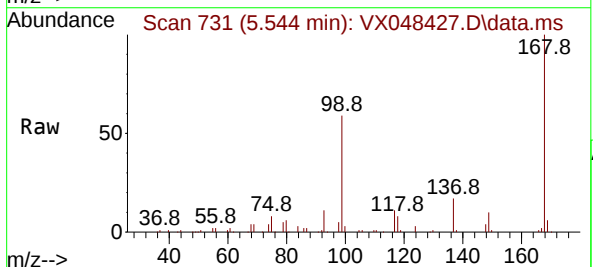
Instrument :
MSVOA_X
ClientSampleId :
TB

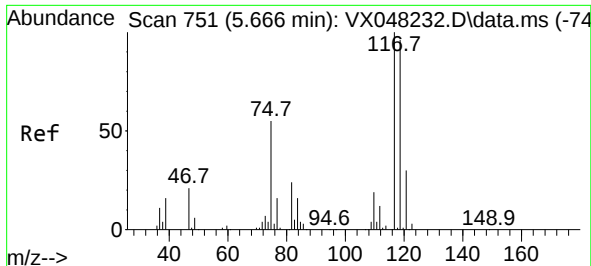
Tgt Ion:113 Resp: 71822
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

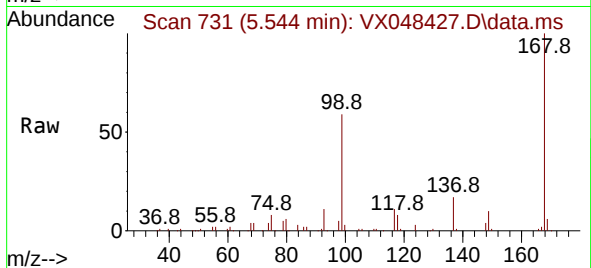
Tgt Ion: 75 Resp: 9163
Ion Ratio Lower Upper
75 100
110 6.8 17.7 53.1#
77 0.0 24.3 36.5#



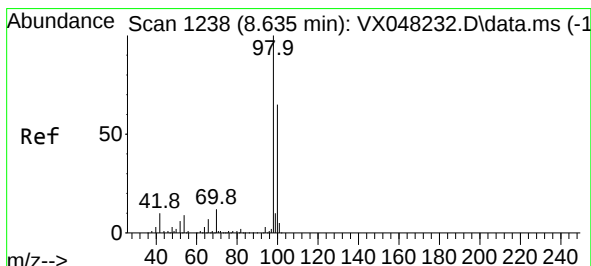
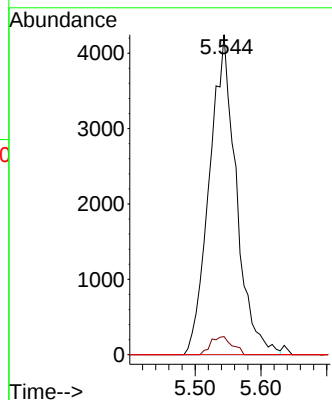
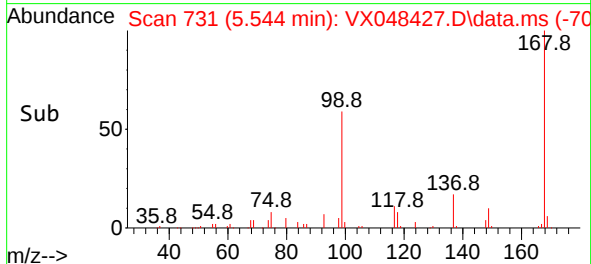


#38
Carbon Tetrachloride
Concen: 4.610 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
TB

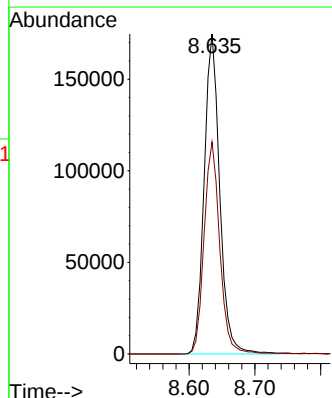
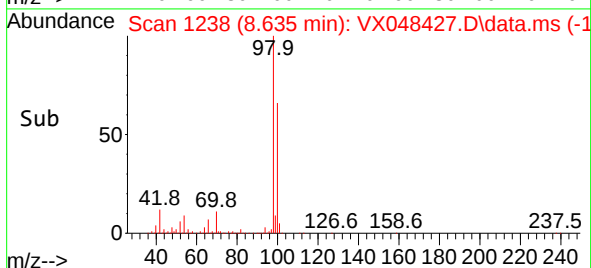
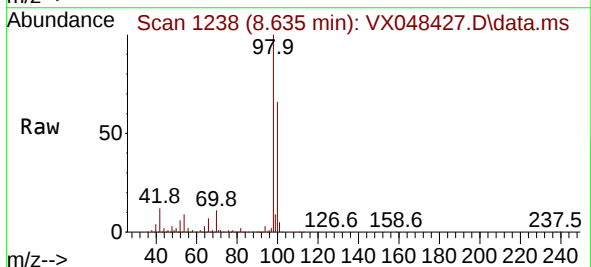


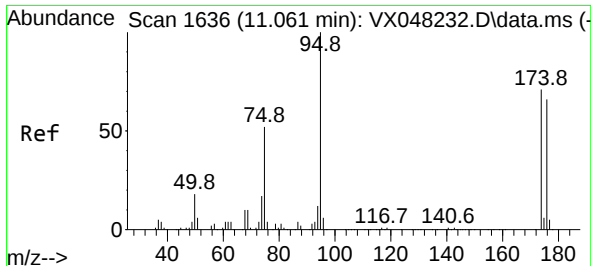
Tgt Ion:117 Resp: 12052
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.320 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion: 98 Resp: 287619
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

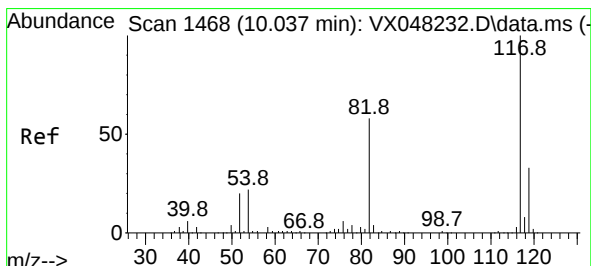
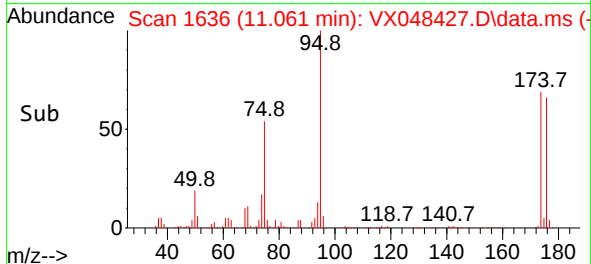
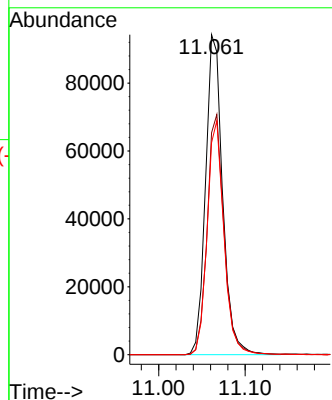
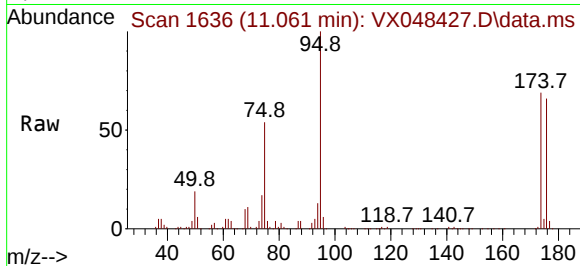




#62
4-Bromofluorobenzene
Concen: 57.771 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

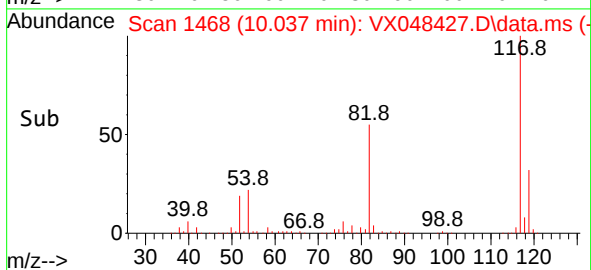
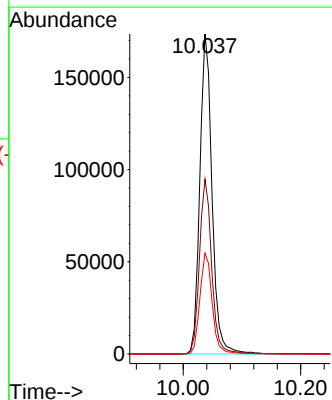
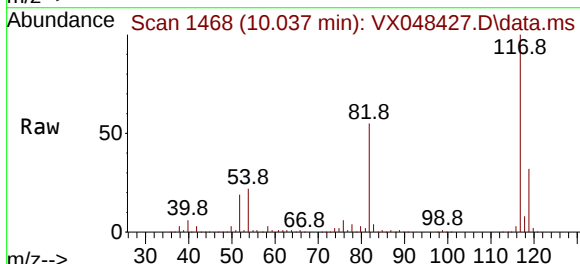
Instrument :
MSVOA_X
ClientSampleId :
TB

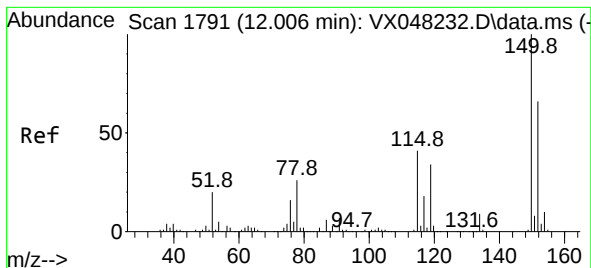
Tgt Ion: 95 Resp: 128638
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 72.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048427.D
Acq: 31 Oct 2025 13:25

Tgt Ion: 117 Resp: 250256
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048427.D

Acq: 31 Oct 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

TB

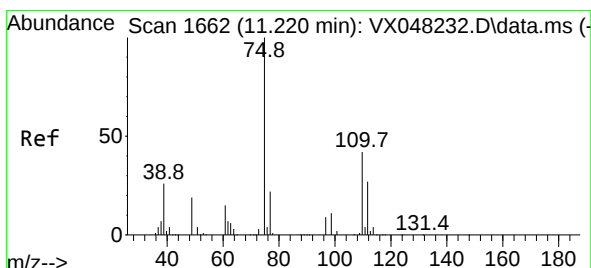
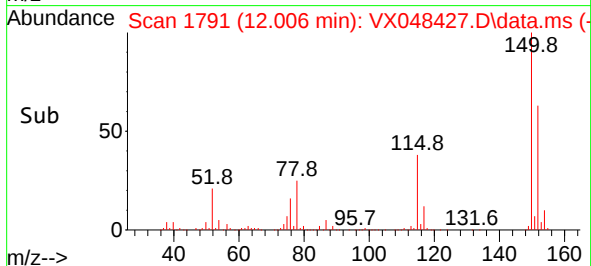
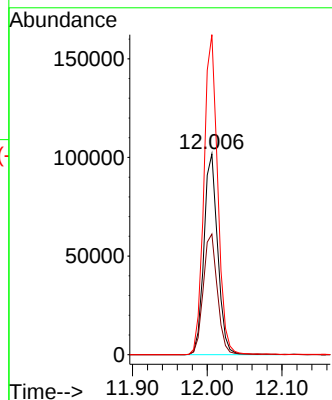
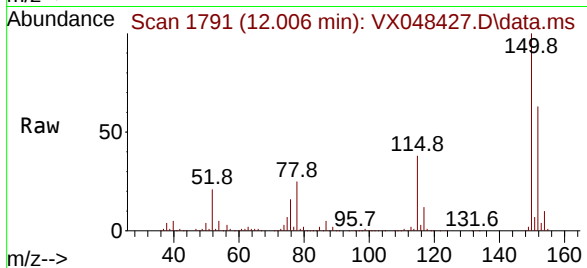
Tgt Ion:152 Resp: 130119

Ion Ratio Lower Upper

152 100

115 62.0 43.1 129.4

150 159.6 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 35.878 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.158 min

Lab File: VX048427.D

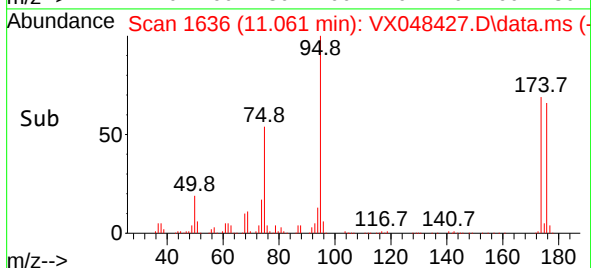
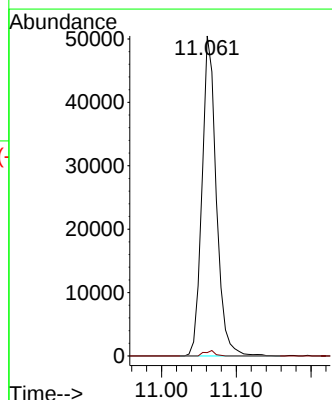
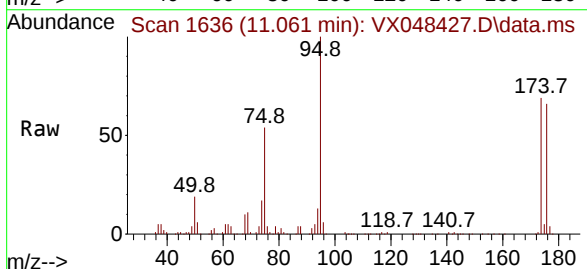
Acq: 31 Oct 2025 13:25

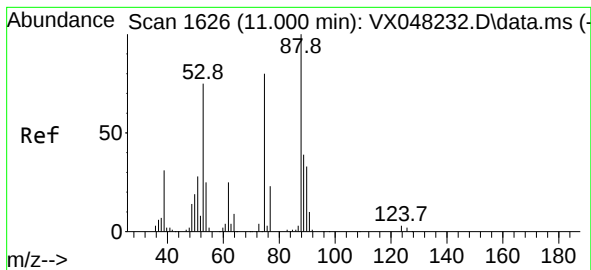
Tgt Ion: 75 Resp: 67138

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.160 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048427.D
 Acq: 31 Oct 2025 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 67138
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

