

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048148.D
 Acq On : 13 Oct 2025 17:13
 Operator : JC/MD
 Sample : Q3311-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219

Quant Time: Oct 14 01:57:59 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)

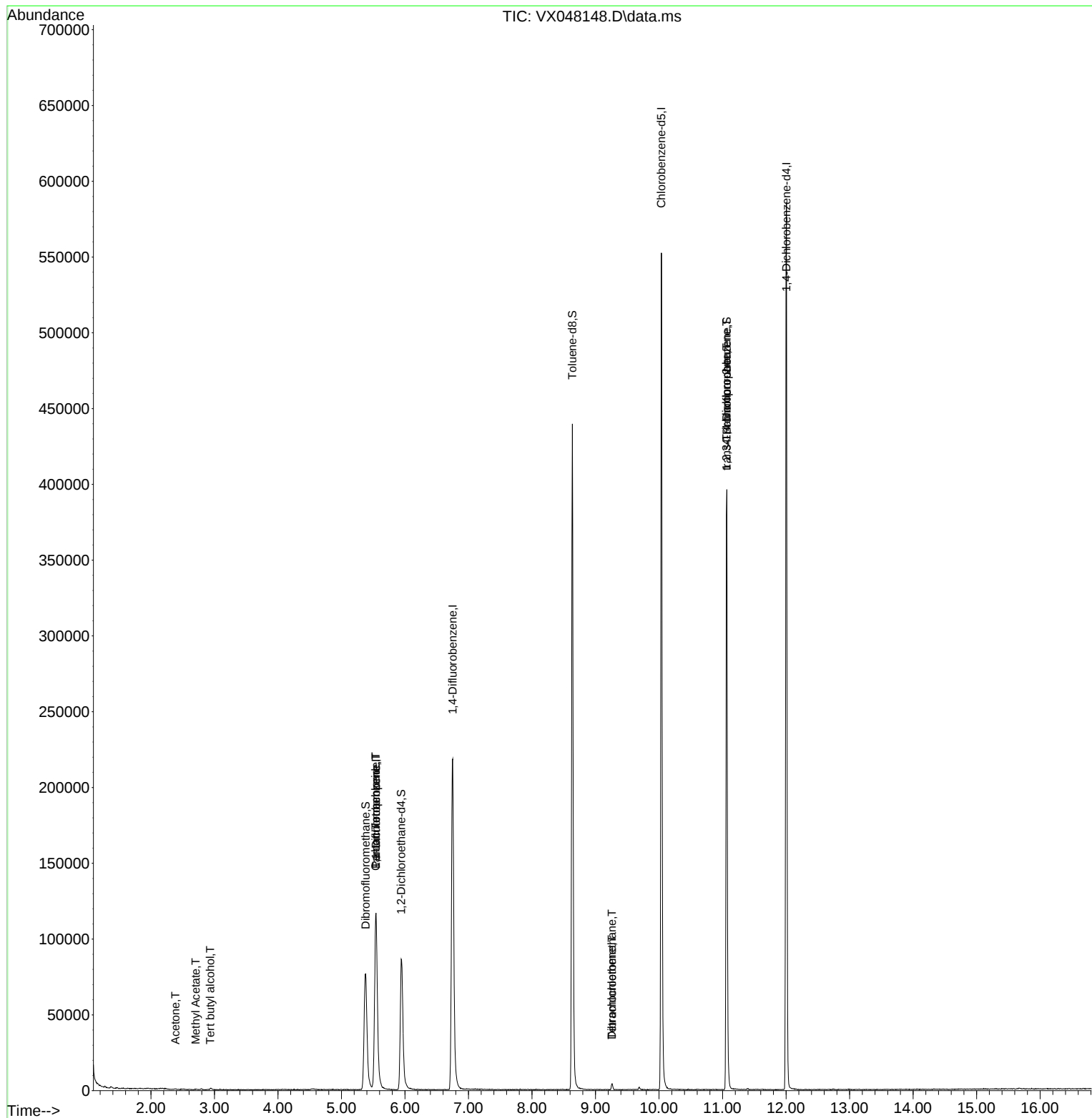
Internal Standards						
1) Pentafluorobenzene	5.544	168	116144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96549	52.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.440%
35) Dibromofluoromethane	5.379	113	76588	47.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.635	98	267434	48.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.067	95	115786	55.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	374	1.816	ug/l #	72
16) Acetone	2.386	43	612	0.761	ug/l #	69
18) Methyl Acetate	2.703	43	403	0.225	ug/l #	82
36) 1,1-Dichloropropene	5.544	75	10019	4.284	ug/l #	43
38) Carbon Tetrachloride	5.538	117	12476	4.910	ug/l #	19
60) Dibromochloromethane	9.256	129	733	0.377	ug/l #	11
64) Tetrachloroethene	9.256	164	825	0.503	ug/l	89
76) 1,2,3-Trichloropropane	11.061	75	61781	23.786	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	61781	60.658	ug/l #	8

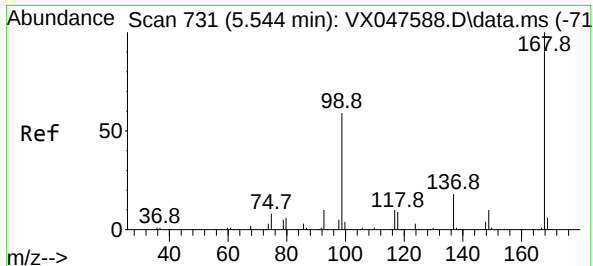
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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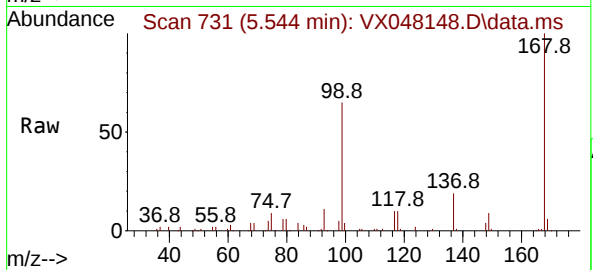
Quant Time: Oct 14 01:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



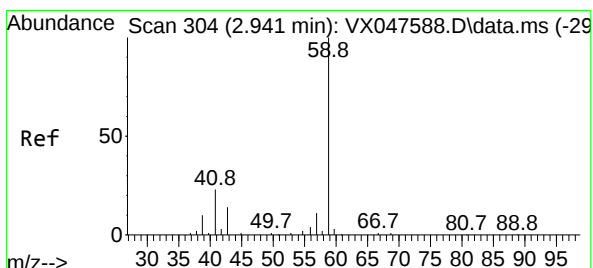
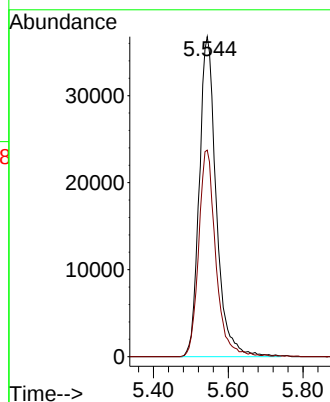
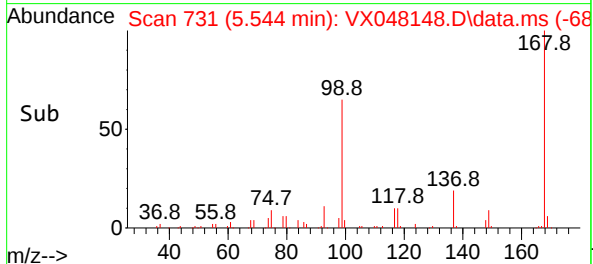


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-219

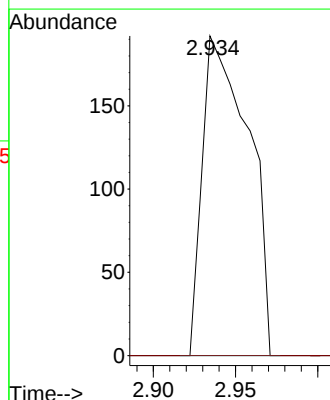
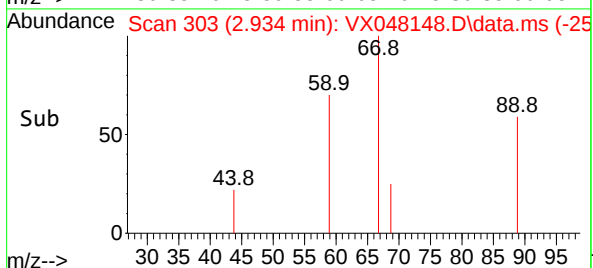
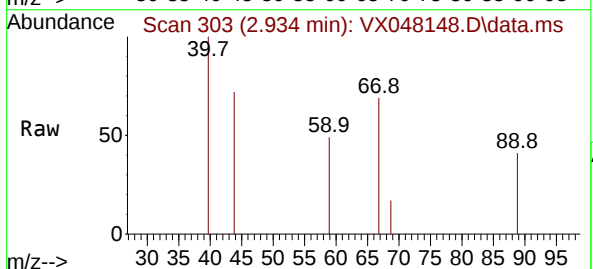


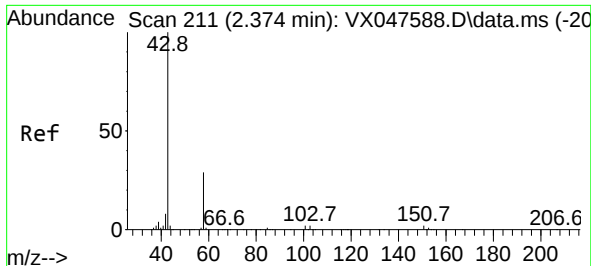
Tgt Ion:168 Resp: 116144
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.816 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 59 Resp: 374
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

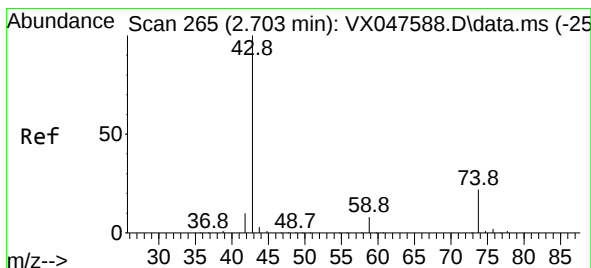
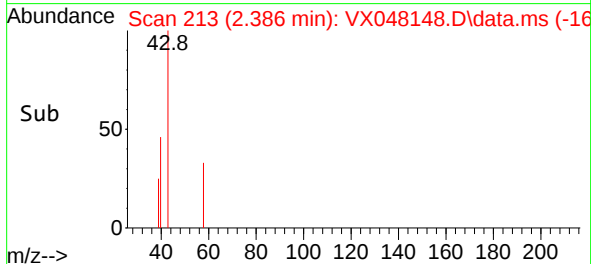
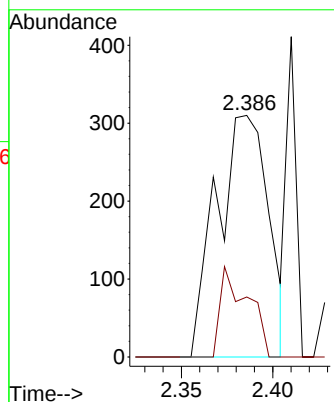
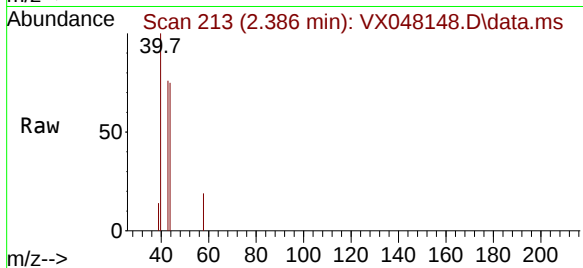




#16
Acetone
Concen: 0.761 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

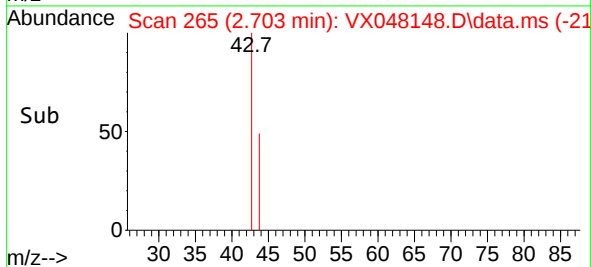
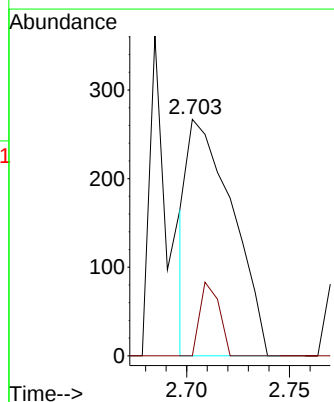
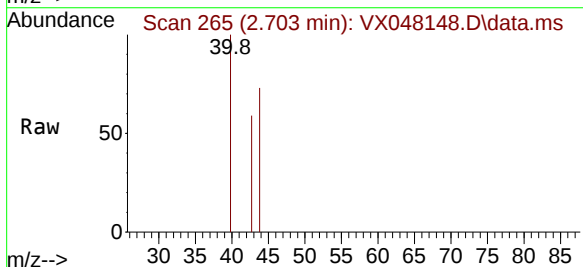
Instrument :
MSVOA_X
ClientSampleId :
MW-219

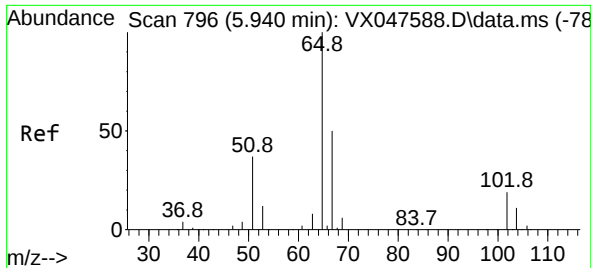
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 12.5 23.4 35.0#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 13.4 17.4 26.2#

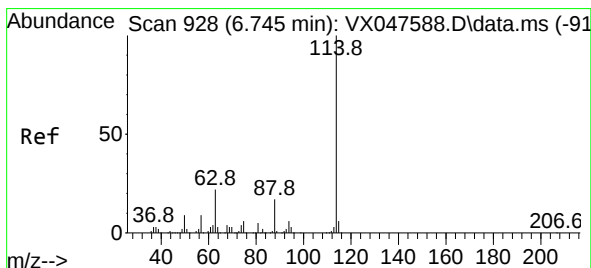
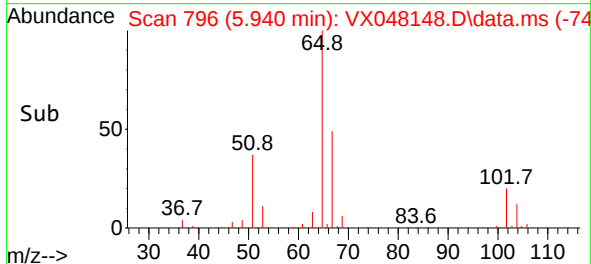
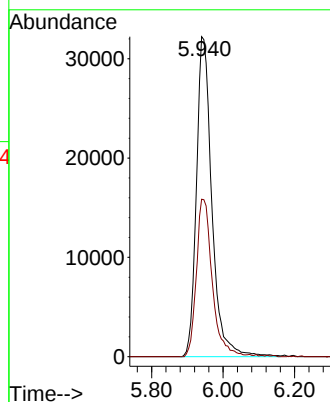
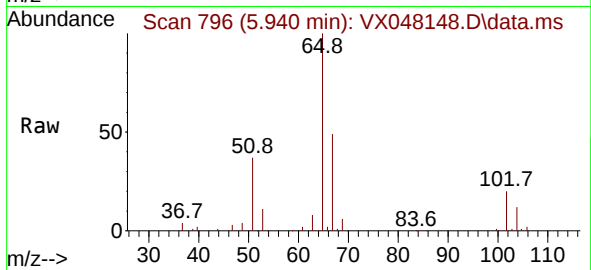




#33
 1,2-Dichloroethane-d4
 Concen: 52.225 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048148.D
 Acq: 13 Oct 2025 17:13

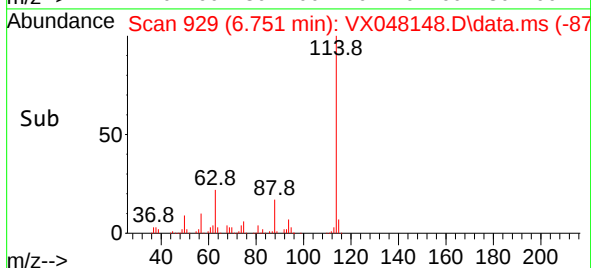
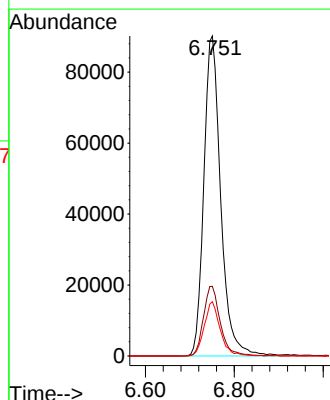
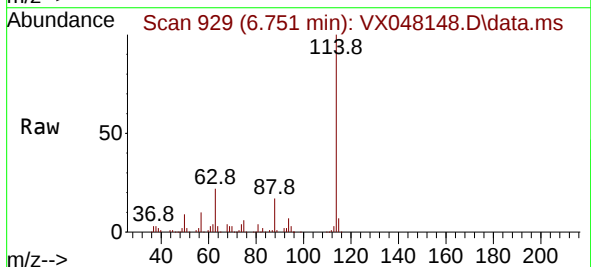
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219

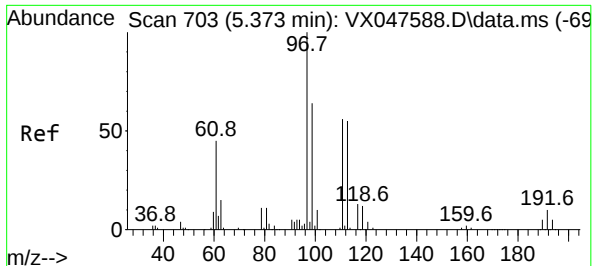
Tgt Ion: 65 Resp: 96549
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048148.D
 Acq: 13 Oct 2025 17:13

Tgt Ion: 114 Resp: 238626
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.0
 88 16.9 0.0 34.2

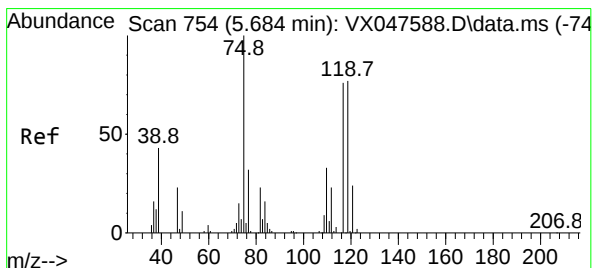
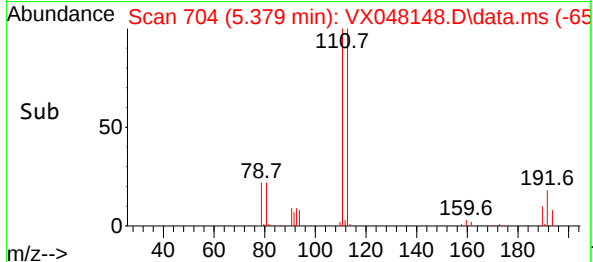
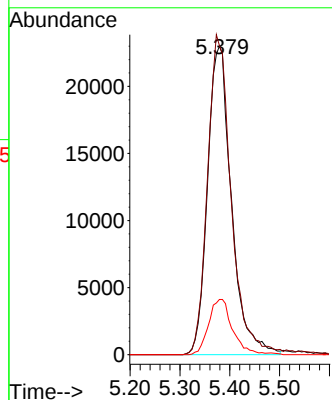
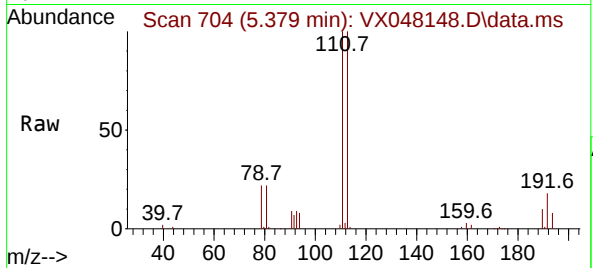




#35
Dibromofluoromethane
Concen: 47.857 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

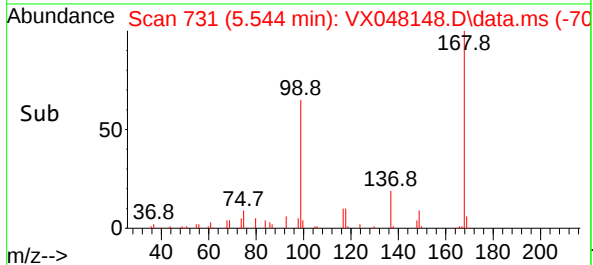
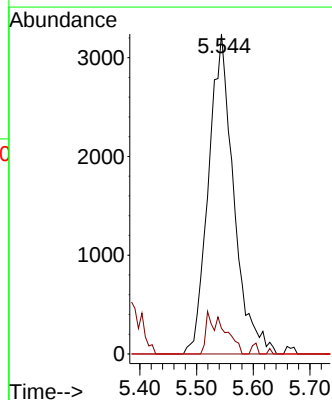
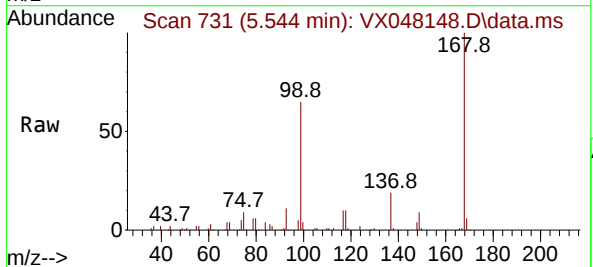
Instrument :
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ClientSampleId :
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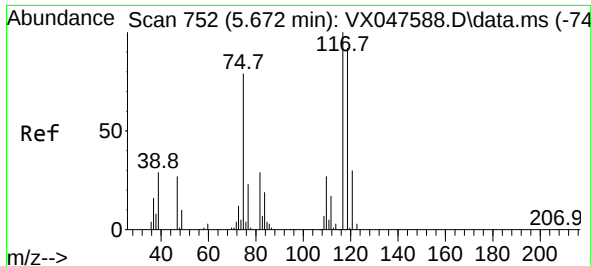
Tgt Ion:113 Resp: 76588
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.284 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 75 Resp: 10019
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.1#
77 0.0 24.3 36.5#

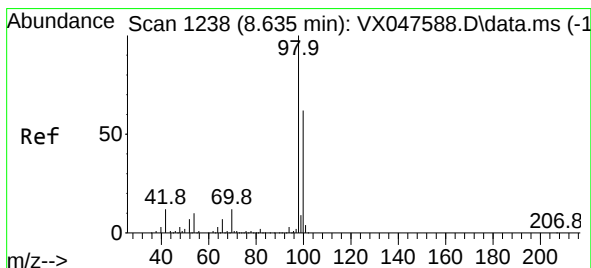
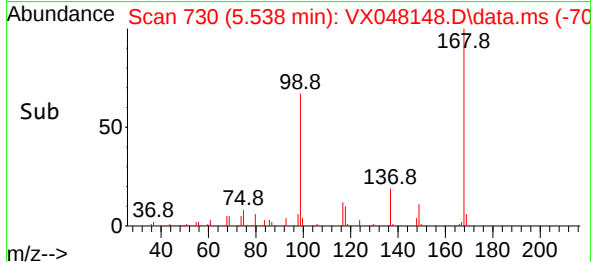
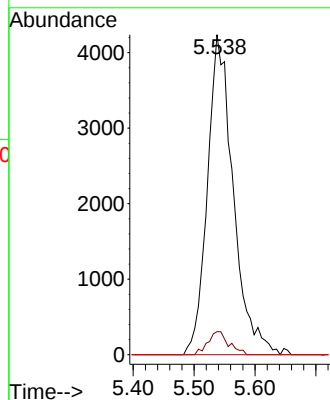
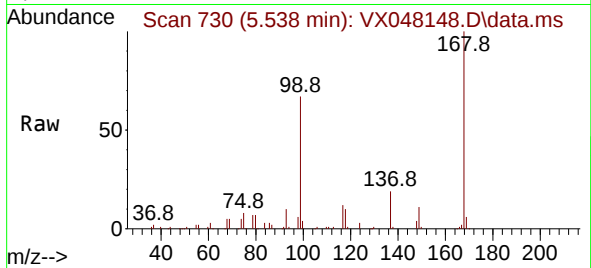




#38
Carbon Tetrachloride
Concen: 4.910 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

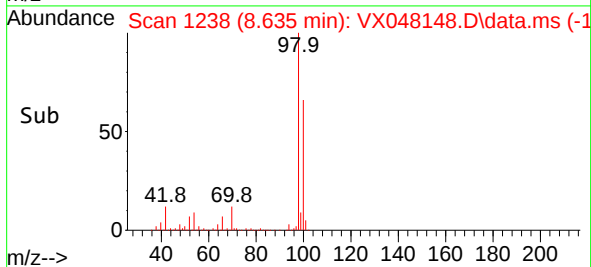
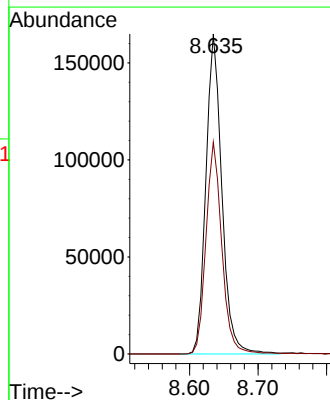
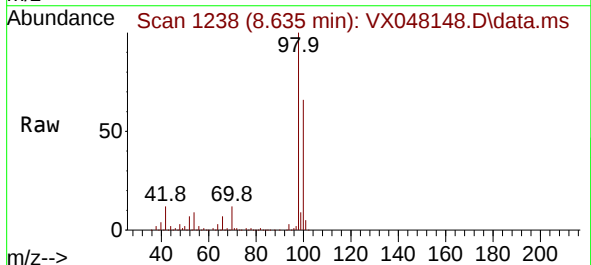
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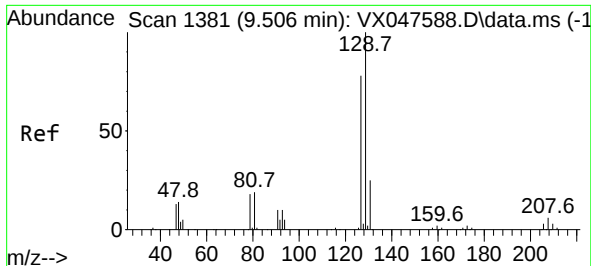
Tgt Ion:117 Resp: 12476
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.295 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 98 Resp: 267434
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

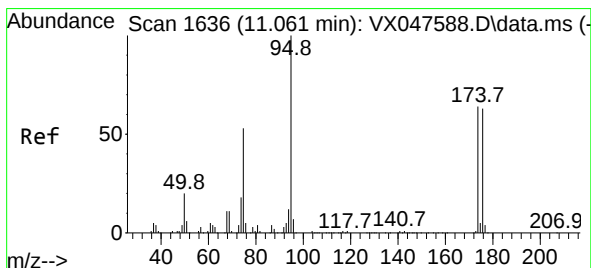
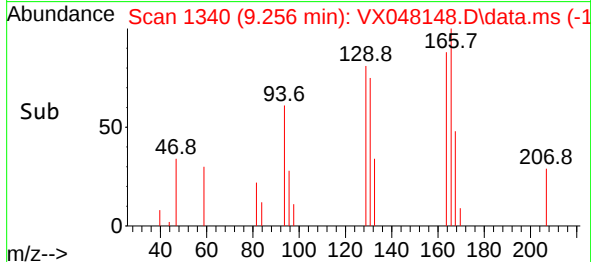
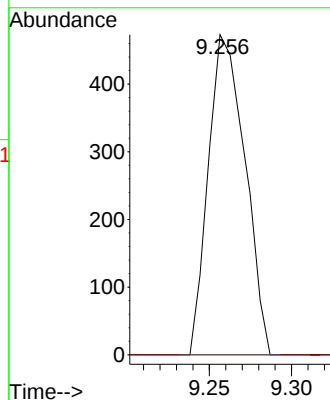
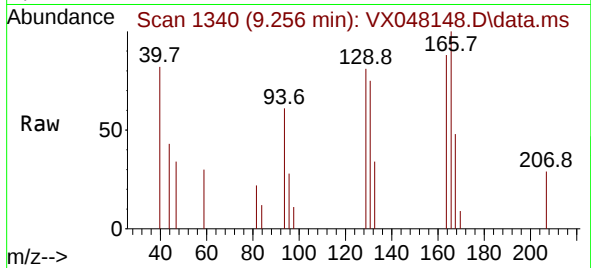




#60
Dibromochloromethane
Concen: 0.377 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

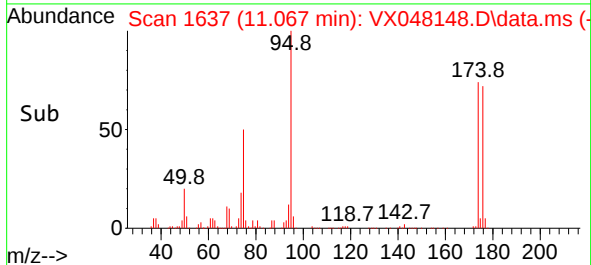
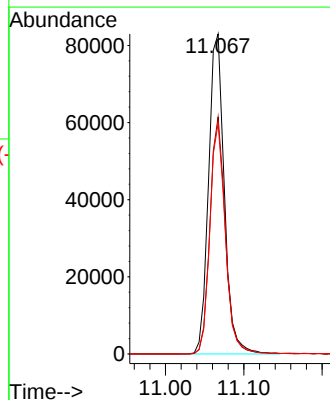
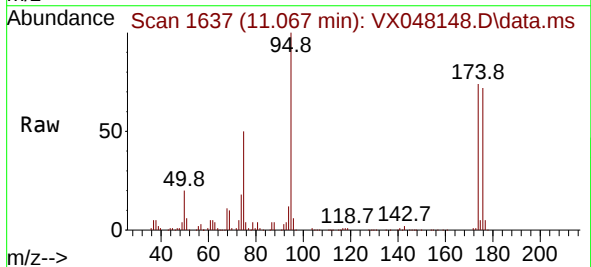
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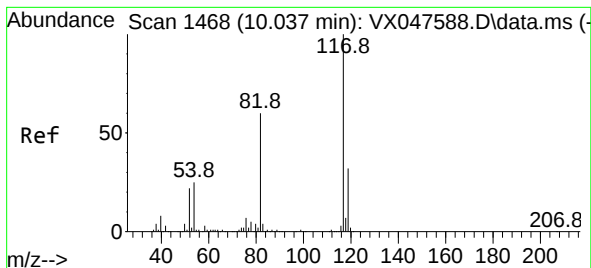
Tgt Ion:129 Resp: 733
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 55.094 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 95 Resp: 115786
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.7 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: VX048148.D

Acq: 13 Oct 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

MW-219

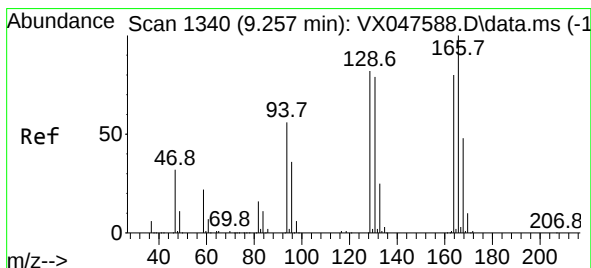
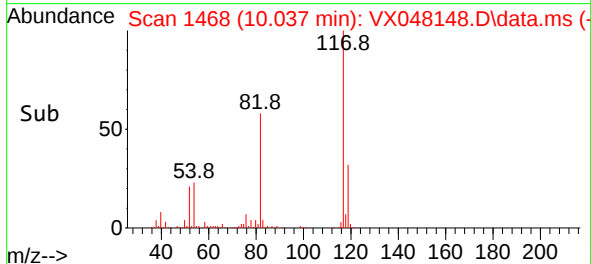
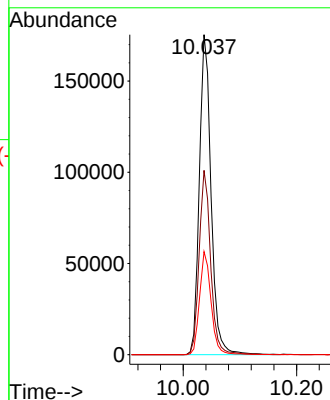
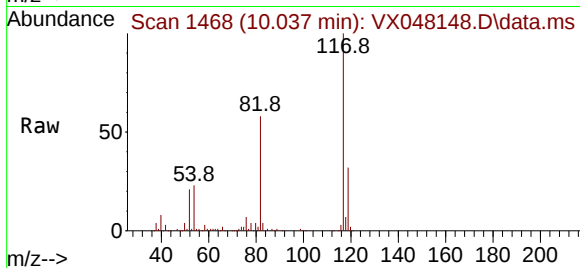
Tgt Ion:117 Resp: 251599

Ion Ratio Lower Upper

117 100

82 57.6 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 0.503 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048148.D

Acq: 13 Oct 2025 17:13

Tgt Ion:164 Resp: 825

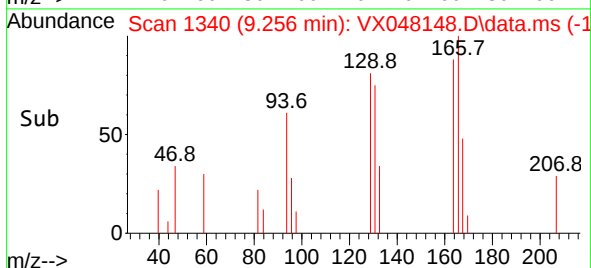
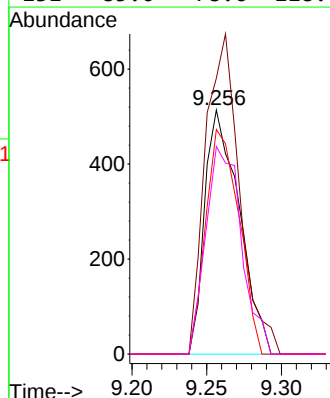
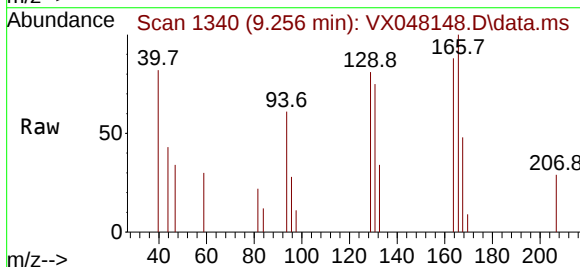
Ion Ratio Lower Upper

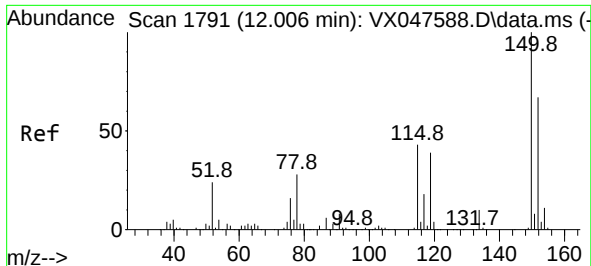
164 100

166 113.0 100.2 150.2

129 92.0 81.8 122.6

131 85.0 78.6 118.0

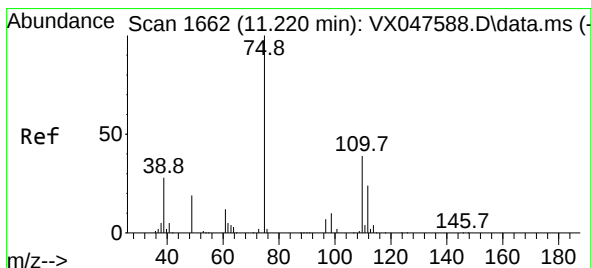
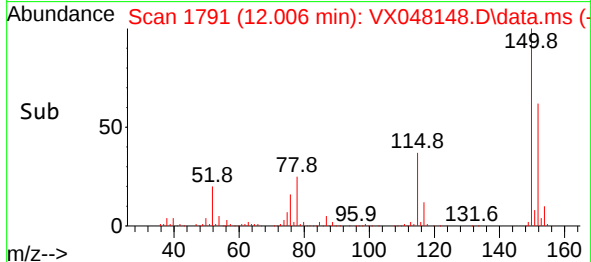
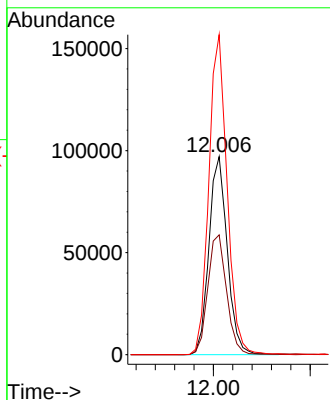
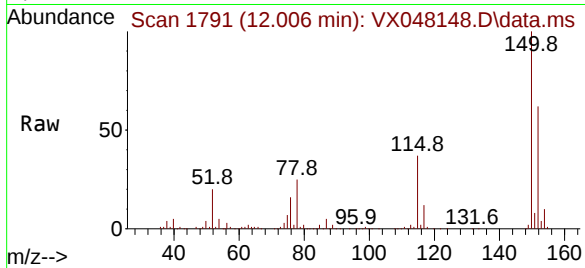




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

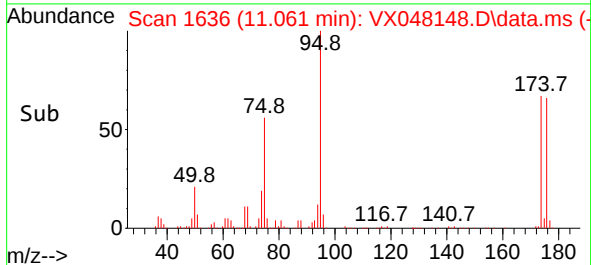
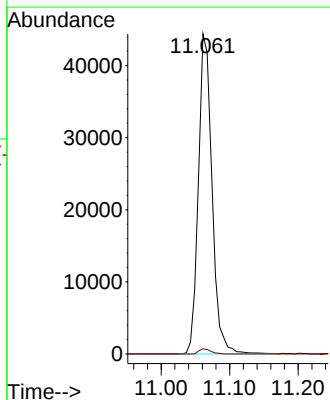
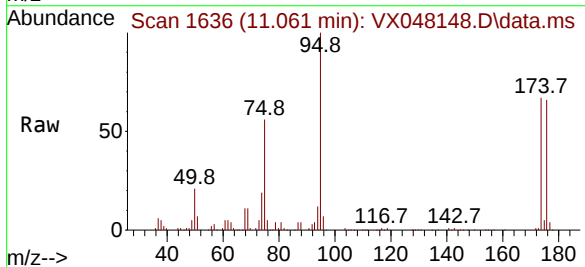
Instrument :
MSVOA_X
ClientSampleId :
MW-219

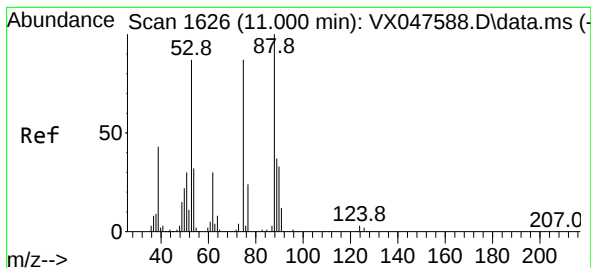
Tgt Ion:152 Resp: 128285
Ion Ratio Lower Upper
152 100
115 62.1 44.9 134.5
150 160.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.786 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048148.D
Acq: 13 Oct 2025 17:13

Tgt Ion: 75 Resp: 61781
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.658 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048148.D
 Acq: 13 Oct 2025 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219

Tgt Ion: 75 Resp: 61781
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

