

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048169.D
 Acq On : 14 Oct 2025 16:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:48:13 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)

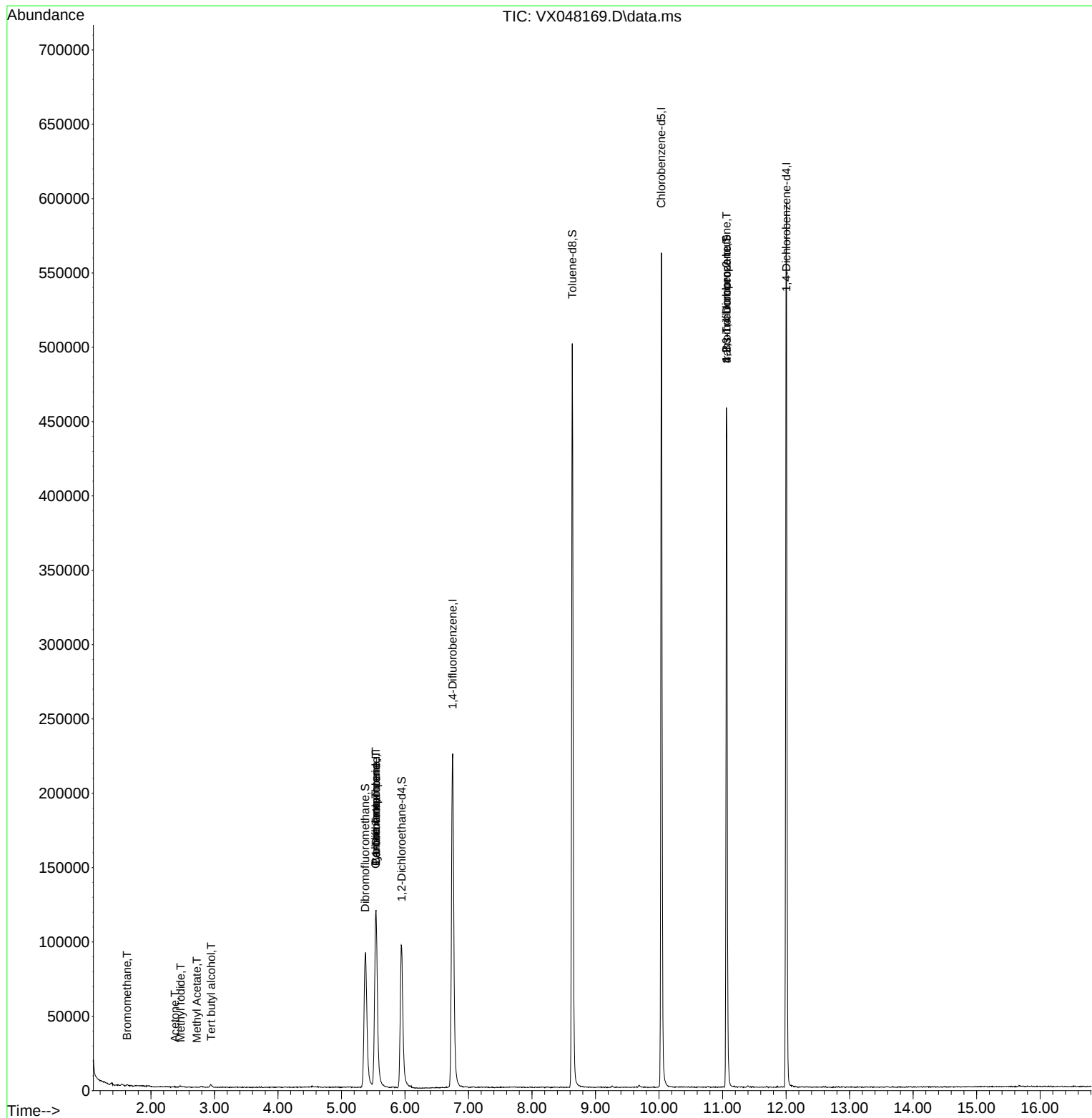
Internal Standards						
1) Pentafluorobenzene	5.544	168	120043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	251434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103584	54.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.420%	
35) Dibromofluoromethane	5.373	113	89549	53.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	8.635	98	303722	52.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	11.061	95	129158	58.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	533	0.526	ug/l #	75
10) Methyl Iodide	2.465	142	1168	0.539	ug/l #	90
11) Tert butyl alcohol	2.947	59	886	4.163	ug/l #	72
16) Acetone	2.380	43	213	0.256	ug/l	93
18) Methyl Acetate	2.721	43	406	0.220	ug/l #	54
31) Cyclohexane	5.538	56	2679	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10385	4.215	ug/l #	53
38) Carbon Tetrachloride	5.544	117	12779	4.773	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	68300	26.968	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	68300	68.772	ug/l #	8

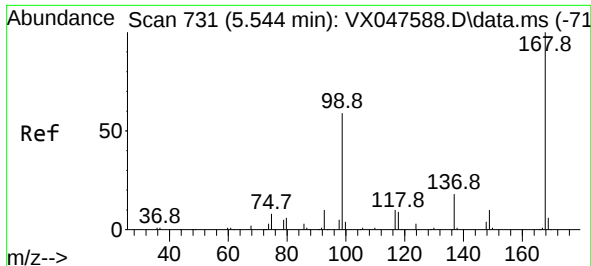
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
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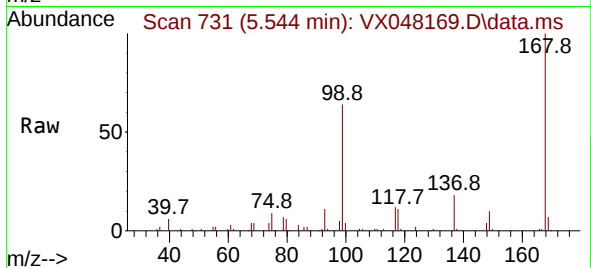
Quant Time: Oct 15 02:48:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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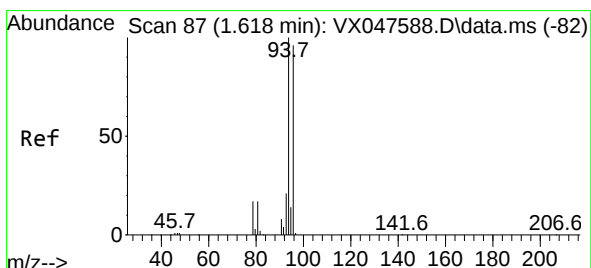
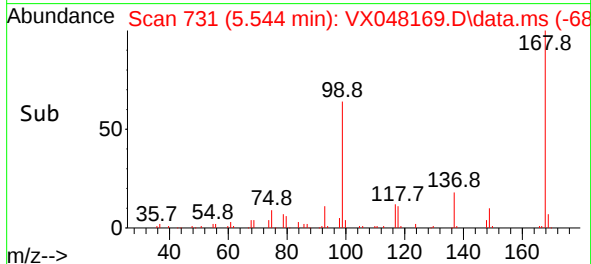
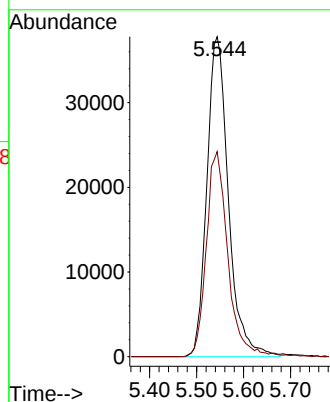


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :

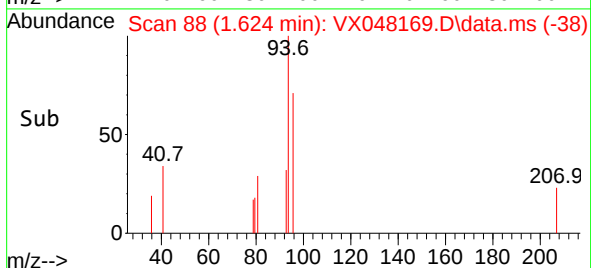
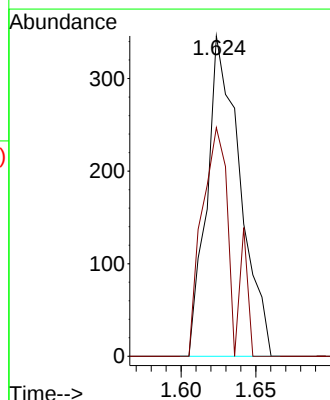
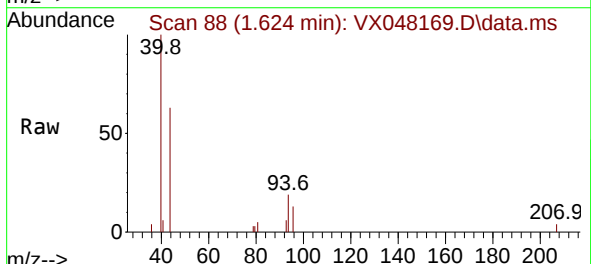


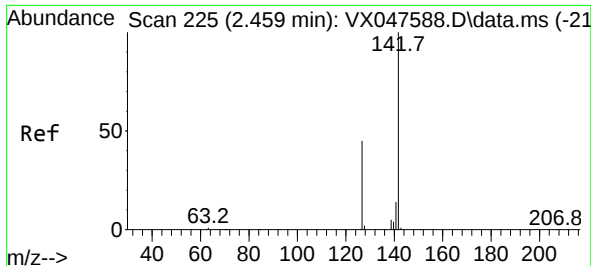
Tgt Ion:168 Resp: 120043
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2



#5
Bromomethane
Concen: 0.526 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

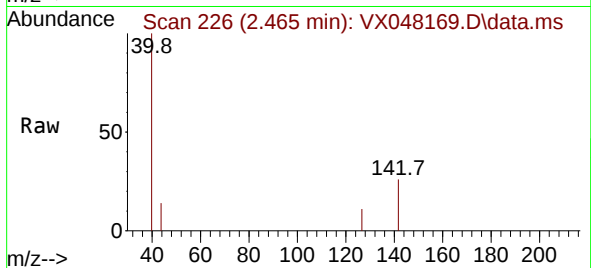
Tgt Ion: 94 Resp: 533
Ion Ratio Lower Upper
94 100
96 71.4 76.6 115.0#



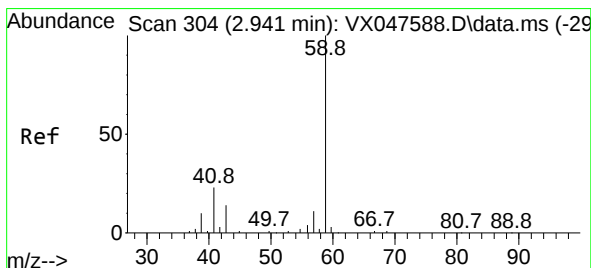
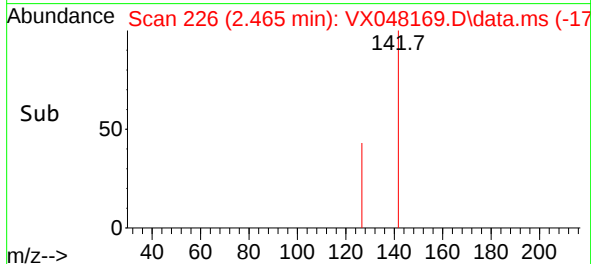
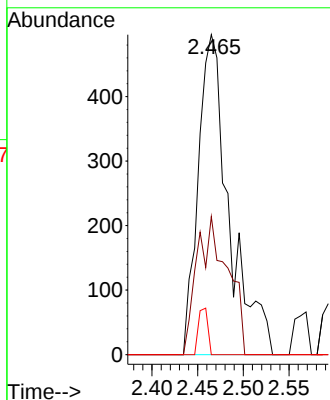


#10
Methyl Iodide
Concen: 0.539 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :

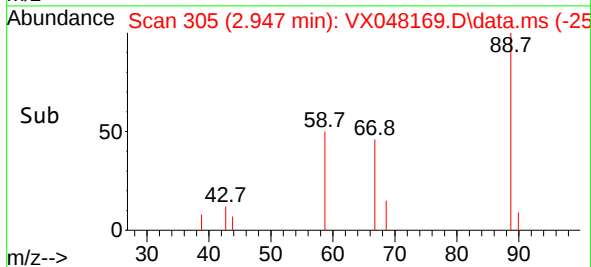
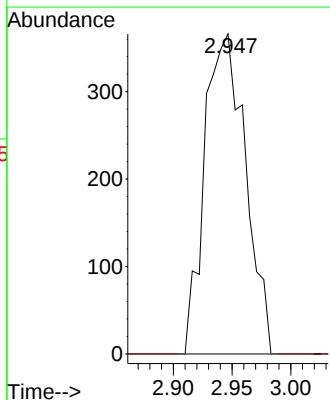
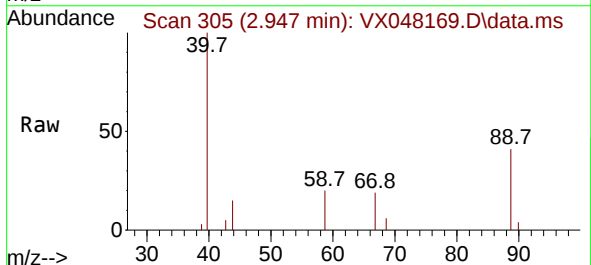


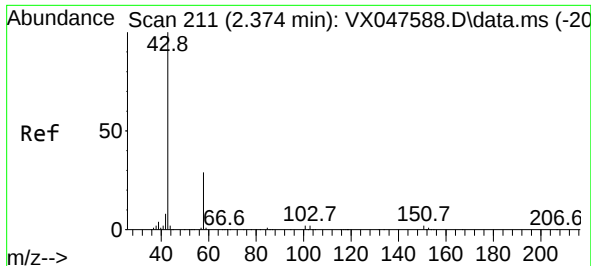
Tgt Ion:142 Resp: 1168
Ion Ratio Lower Upper
142 100
127 43.0 37.2 55.8
141 4.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.163 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion: 59 Resp: 886
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

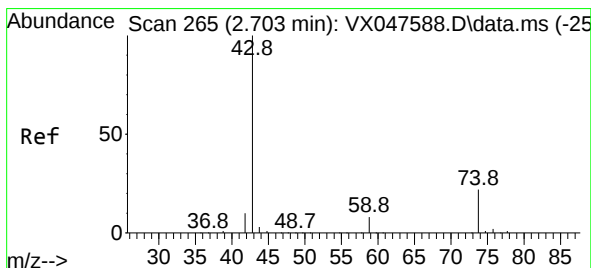
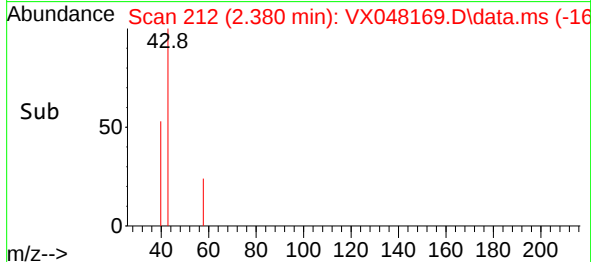
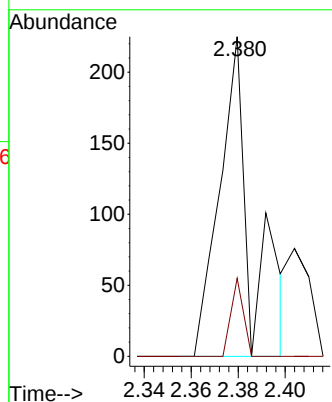
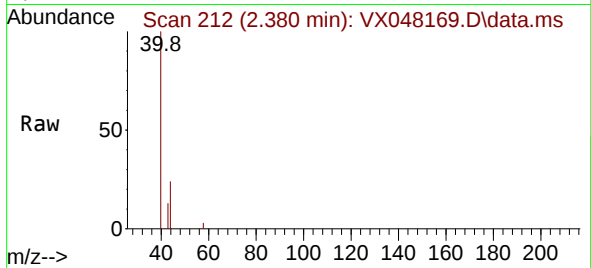




#16
Acetone
Concen: 0.256 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

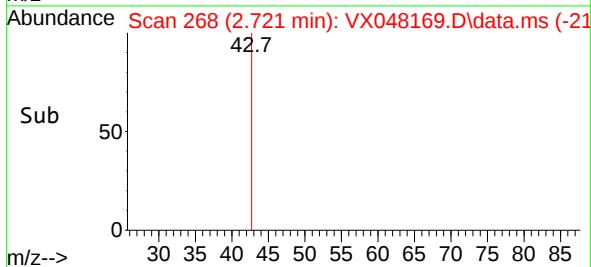
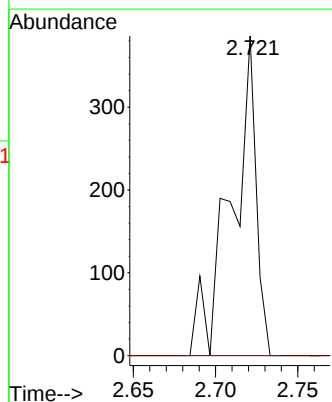
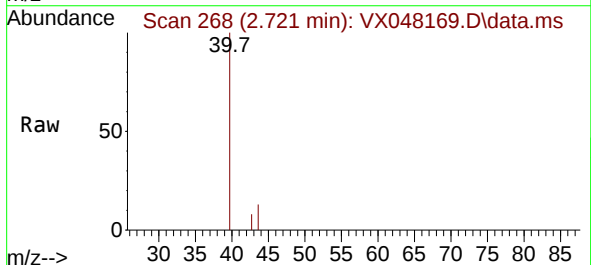
Instrument :
MSVOA_X
ClientSampleId :

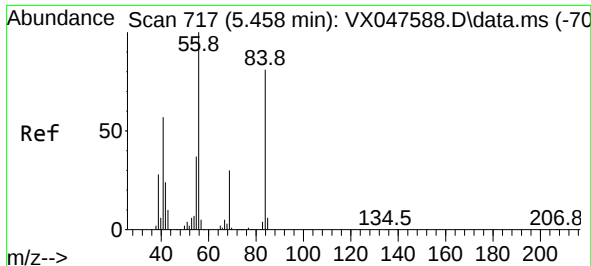
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 32.9 23.4 35.0



#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

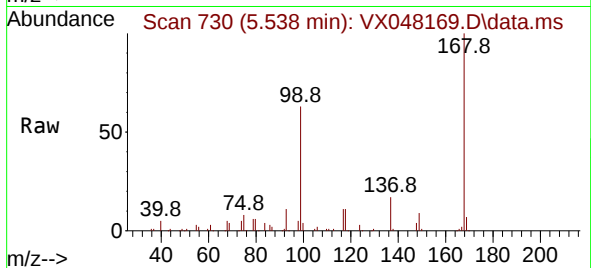
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



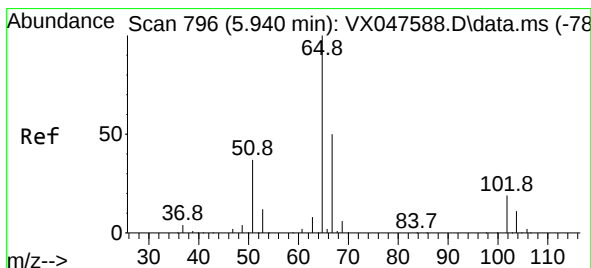
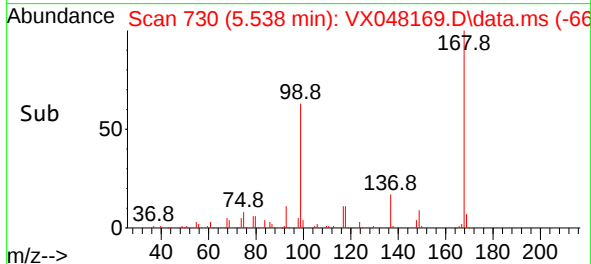
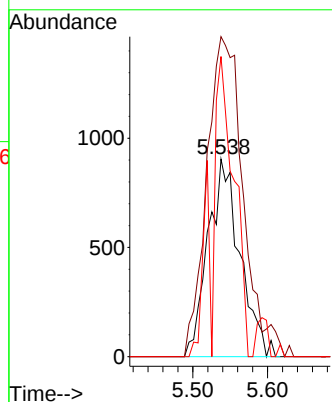


#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :

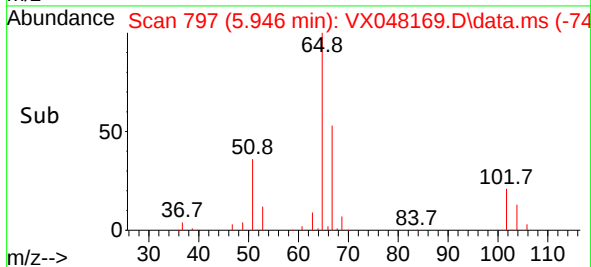
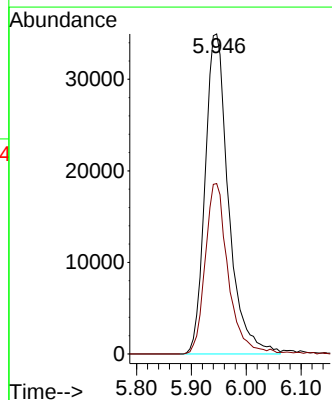
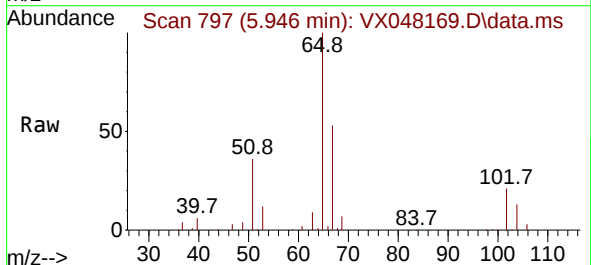


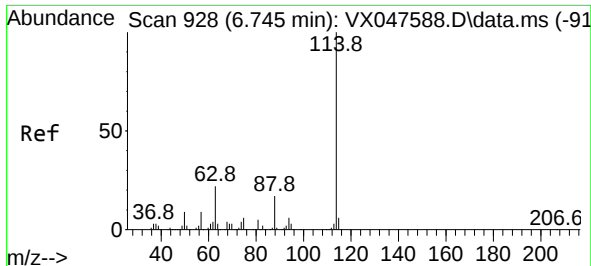
Tgt Ion: 56 Resp: 2679
Ion Ratio Lower Upper
56 100
69 161.9 23.8 35.8#
84 151.8 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.210 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

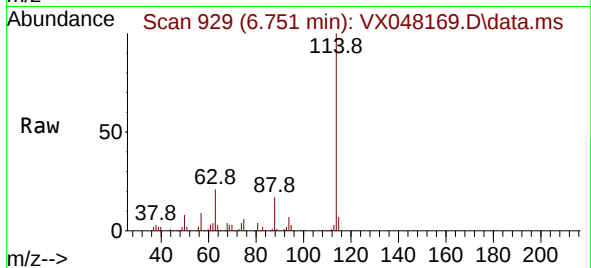
Tgt Ion: 65 Resp: 103584
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



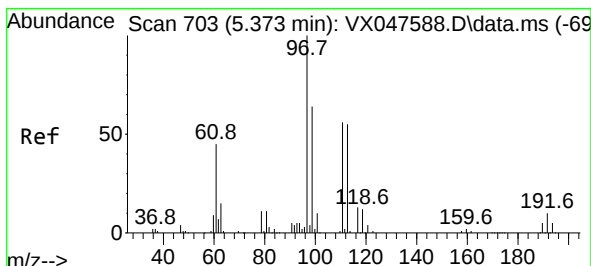
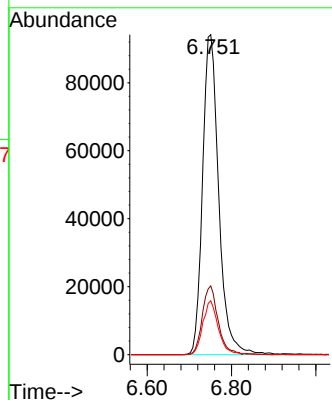
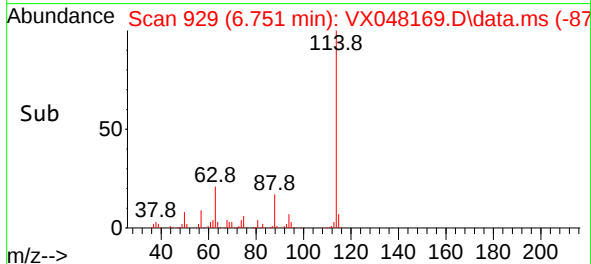


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :

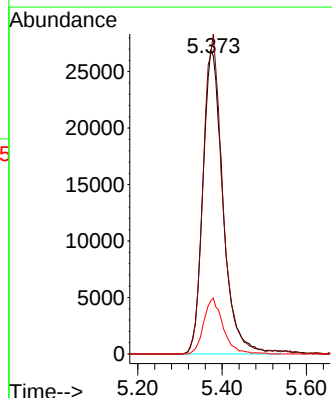
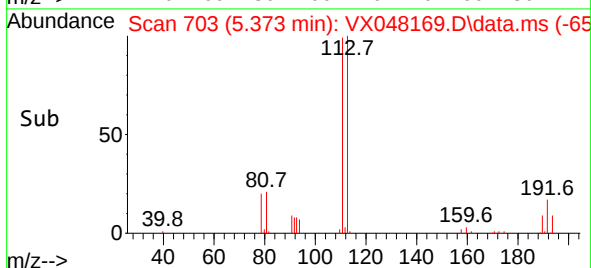
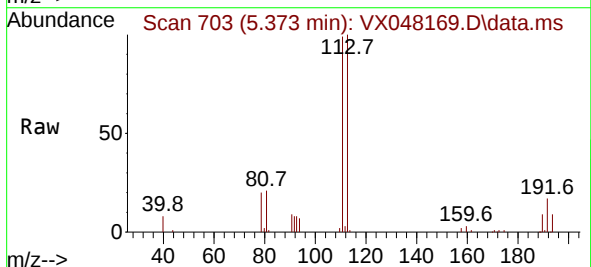


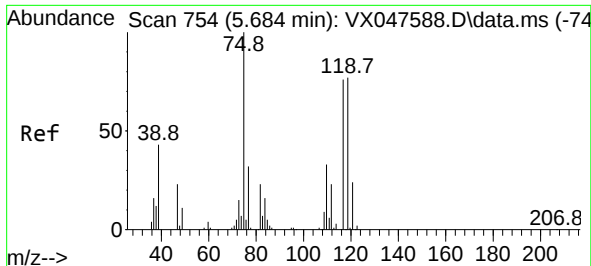
Tgt Ion:114 Resp: 251434
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 53.105 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion:113 Resp: 89549
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.215 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

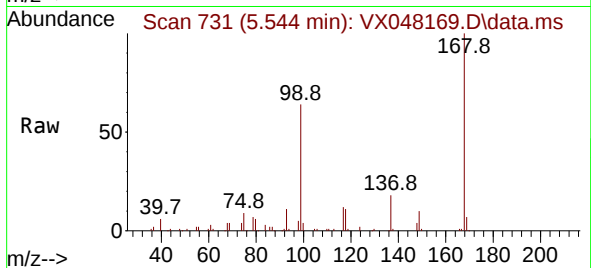
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Acq: 14 Oct 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :



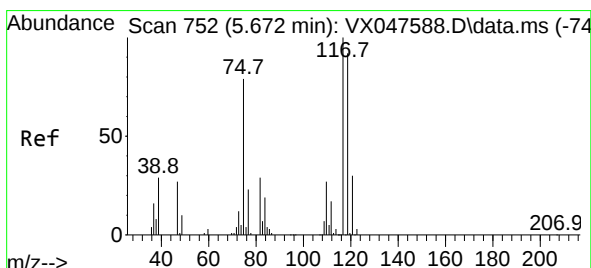
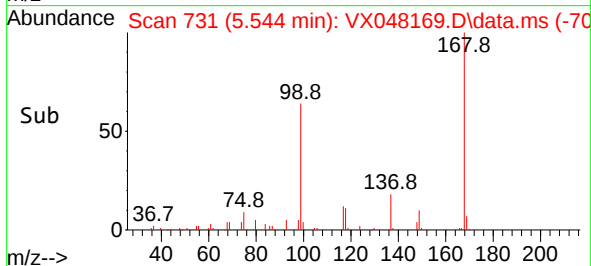
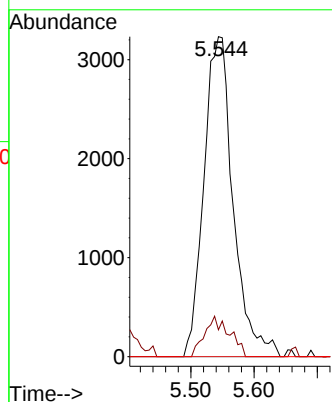
Tgt Ion: 75 Resp: 10385

Ion Ratio Lower Upper

75 100

110 10.7 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.773 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX048169.D

Acq: 14 Oct 2025 16:14

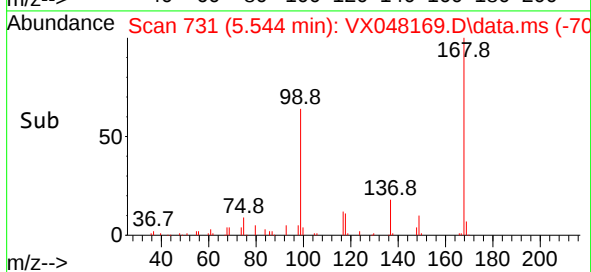
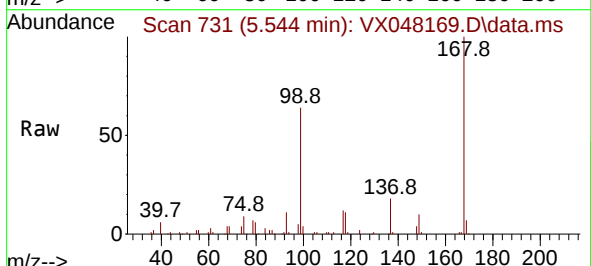
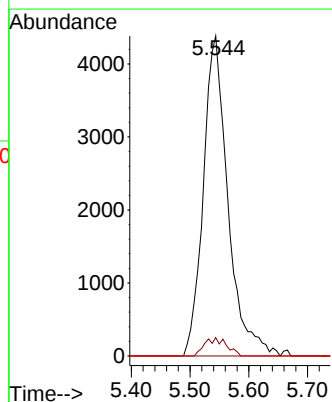
Tgt Ion: 117 Resp: 12779

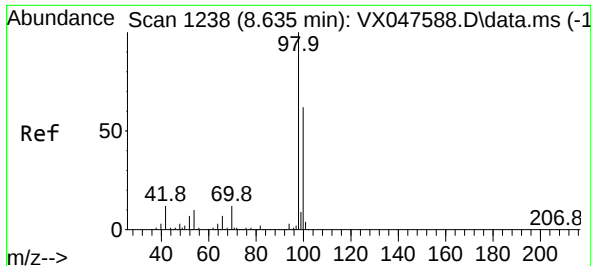
Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

121 0.0 23.8 35.6#

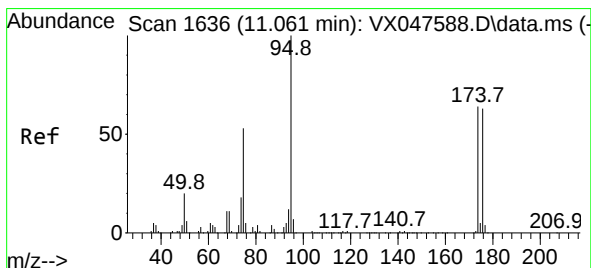
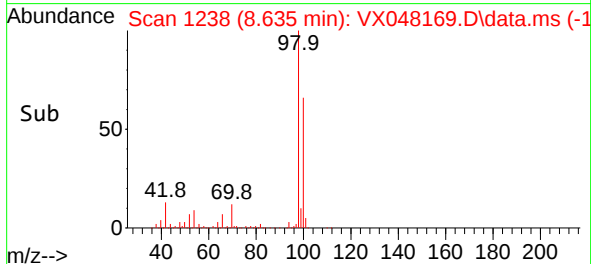
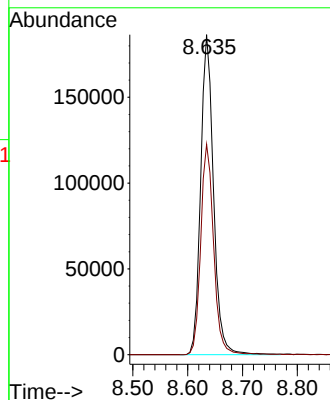
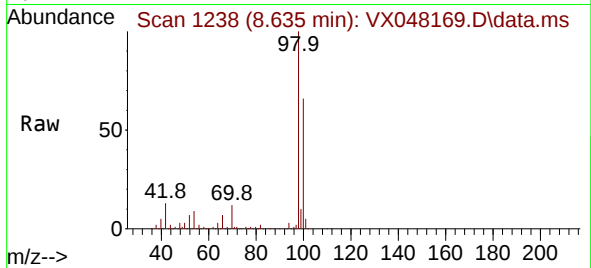




#50
Toluene-d8
Concen: 52.054 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

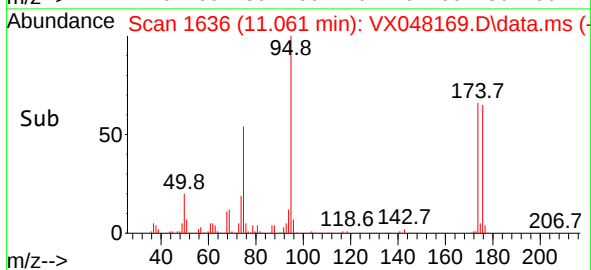
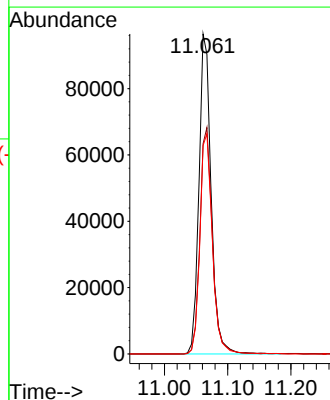
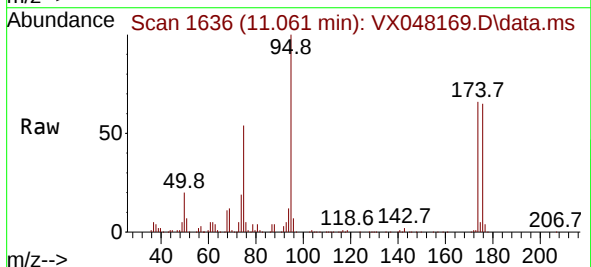
Instrument :
MSVOA_X
ClientSampleId :

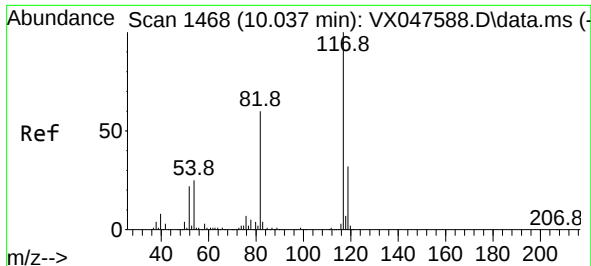
Tgt Ion: 98 Resp: 303722
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.326 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

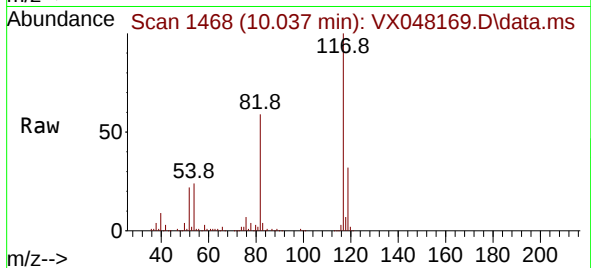
Tgt Ion: 95 Resp: 129158
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.5 0.0 138.4



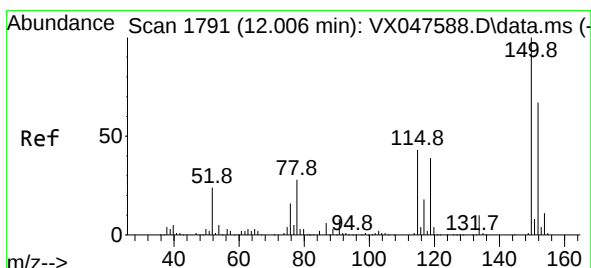
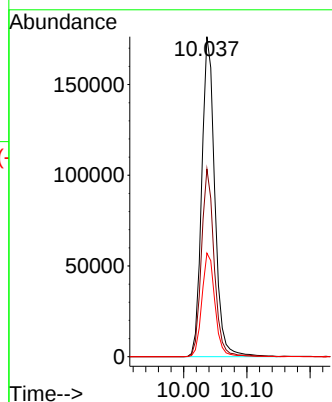
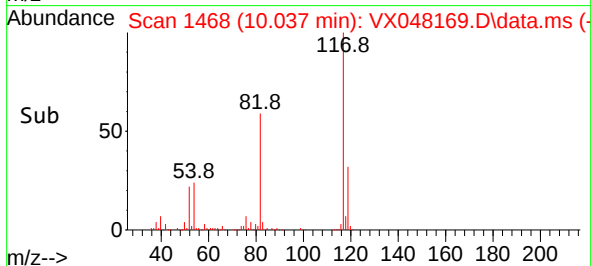


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

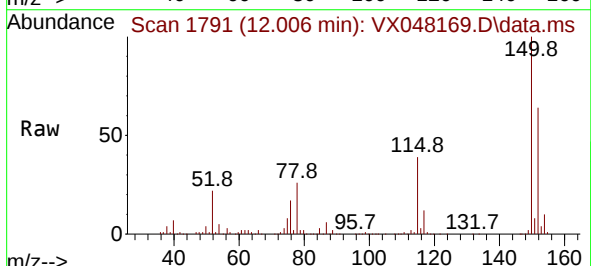
Instrument :
MSVOA_X
ClientSampleId :



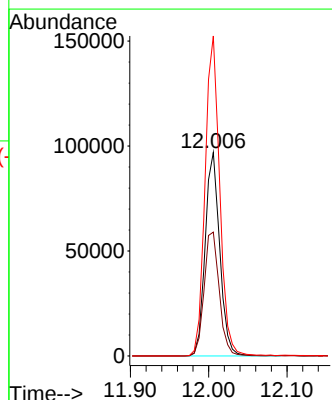
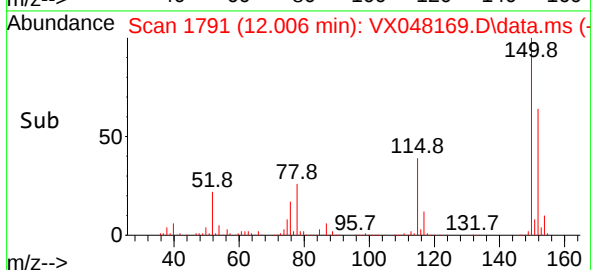
Tgt Ion:117 Resp: 254234
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 32.3 25.2 37.8

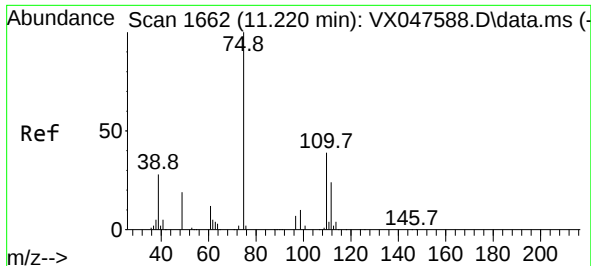


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14



Tgt Ion:152 Resp: 125088
Ion Ratio Lower Upper
152 100
115 63.2 44.9 134.5
150 157.6 0.0 352.0

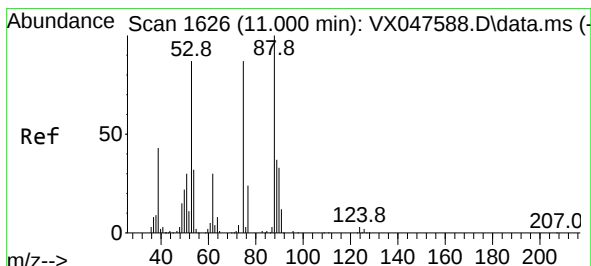
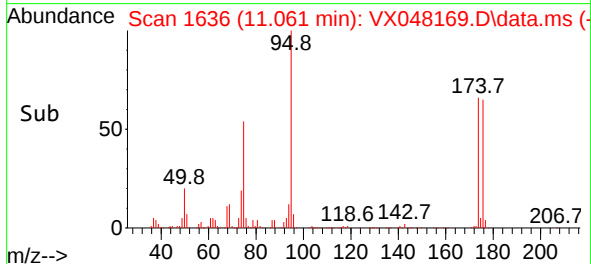
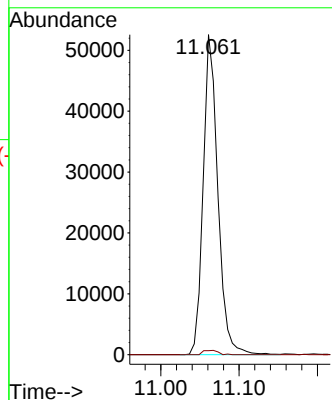
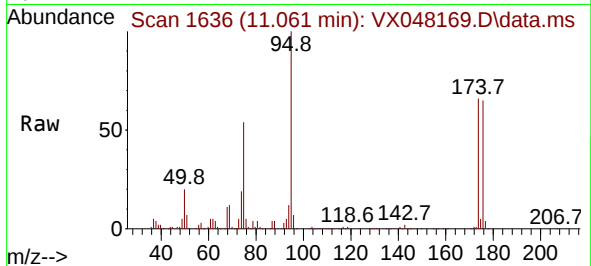




#76
1,2,3-Trichloropropane
Concen: 26.968 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68300
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.772 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion: 75 Resp: 68300
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

