

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048155.D
 Acq On : 14 Oct 2025 10:52
 Operator : JC/MD
 Sample : VX1014WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:40:19 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)

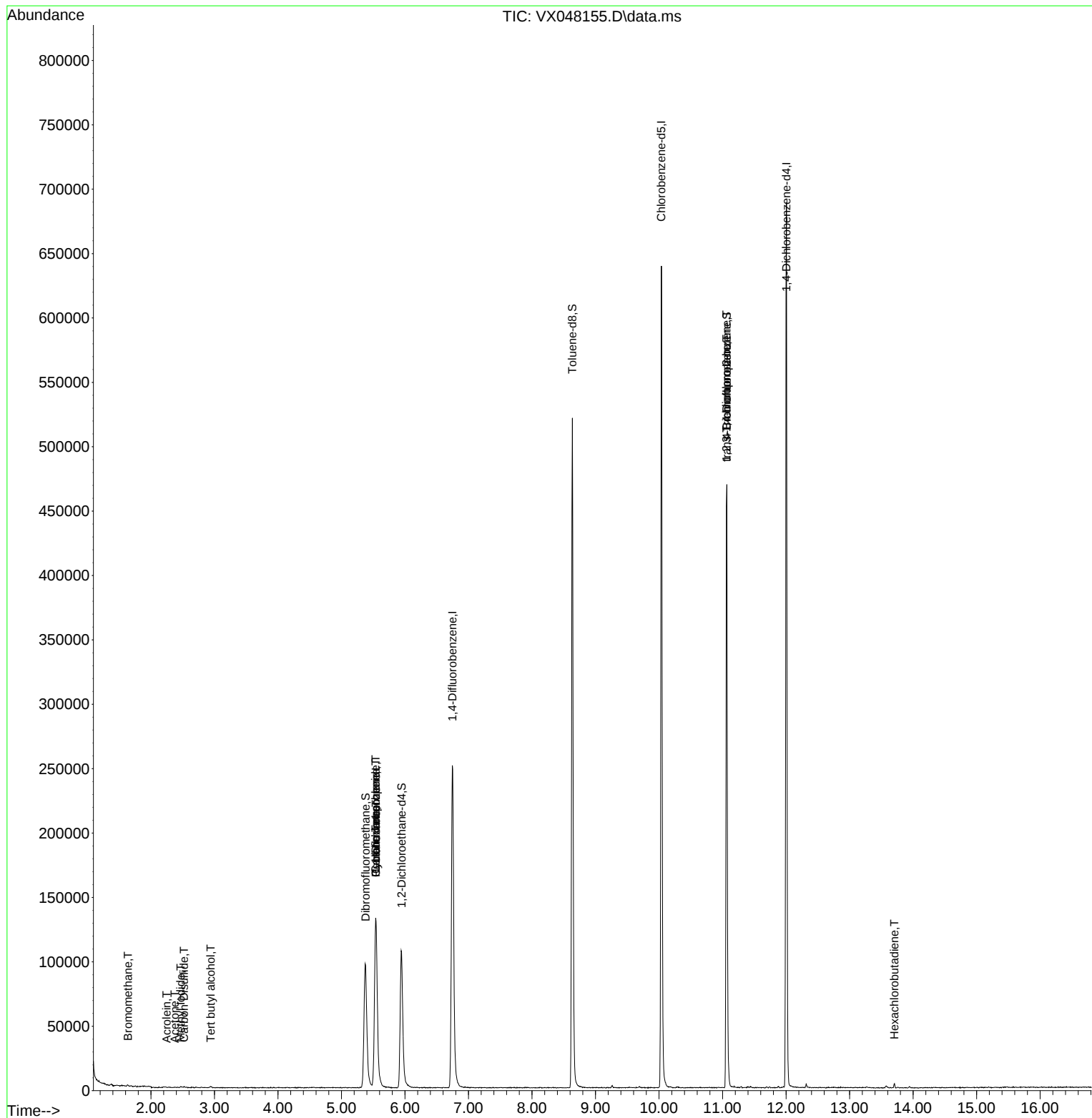
Internal Standards						
1) Pentafluorobenzene	5.544	168	131511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	270081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115134	55.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.000%	
35) Dibromofluoromethane	5.379	113	94255	52.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	8.635	98	316005	50.420	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.067	95	134411	56.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	496	0.446	ug/l	89
10) Methyl Iodide	2.465	142	711	0.300	ug/l #	78
11) Tert butyl alcohol	2.940	59	183	0.785	ug/l #	72
13) Acrolein	2.245	56	50	0.233	ug/l #	78
16) Acetone	2.373	43	261	0.287	ug/l #	45
17) Carbon Disulfide	2.520	76	883	0.206	ug/l #	76
31) Cyclohexane	5.544	56	2921	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10945	4.135	ug/l #	52
38) Carbon Tetrachloride	5.538	117	14582	5.071	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	72273	25.165	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	72273	64.174	ug/l #	8
94) Hexachlorobutadiene	13.707	225	566	0.546	ug/l	93

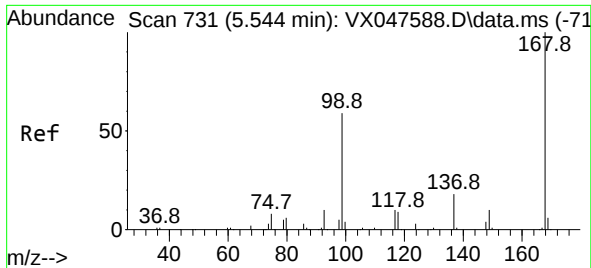
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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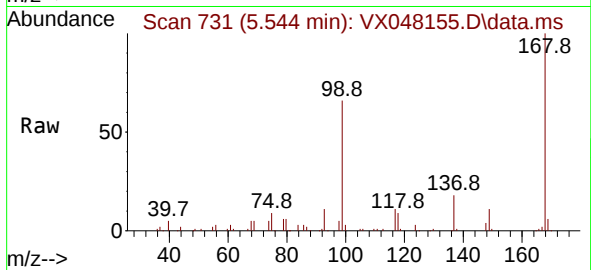
Quant Time: Oct 15 02:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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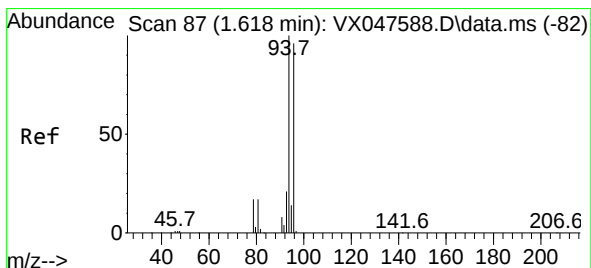
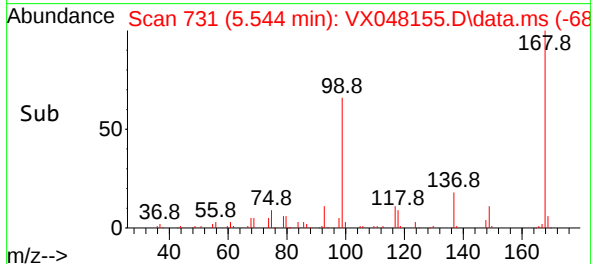
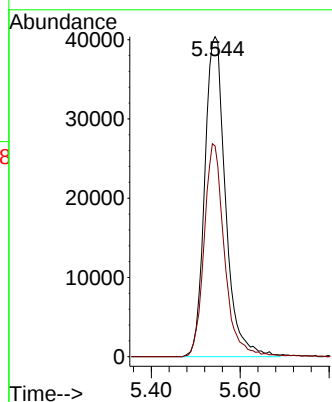


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :

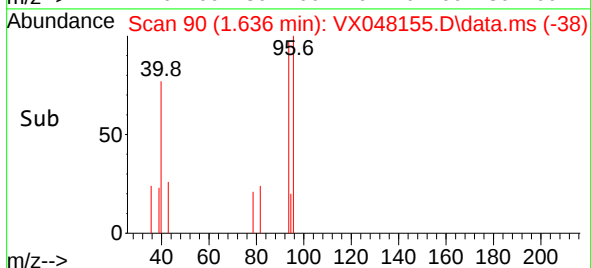
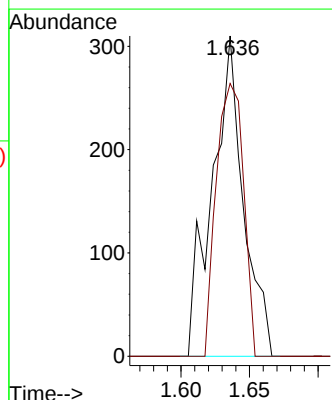
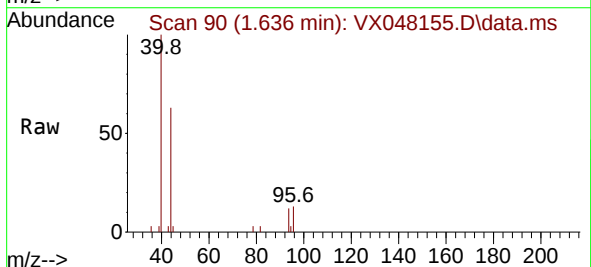


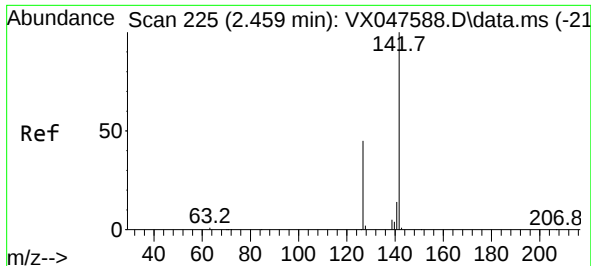
Tgt Ion:168 Resp: 131511
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#5
Bromomethane
Concen: 0.446 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

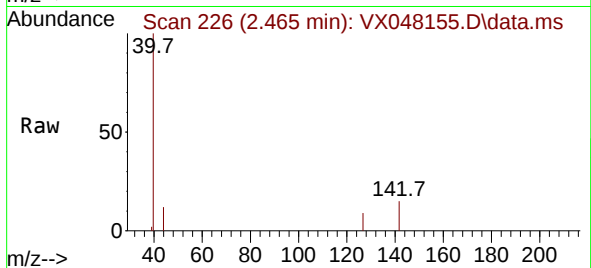
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 85.2 76.6 115.0



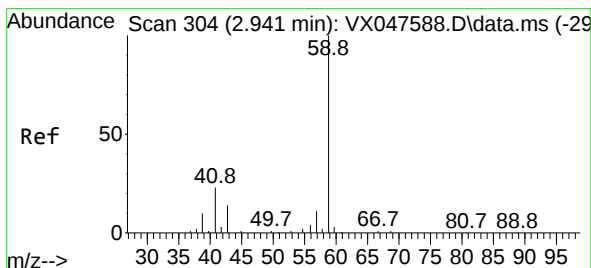
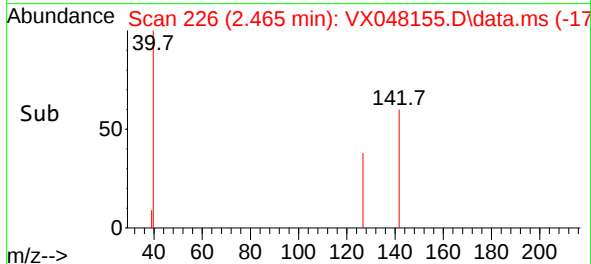
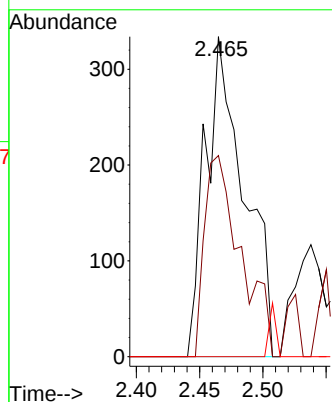


#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :

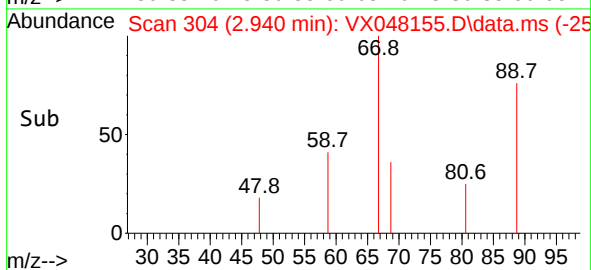
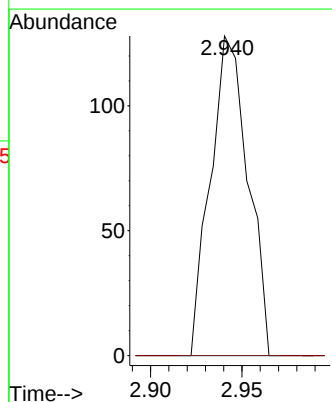
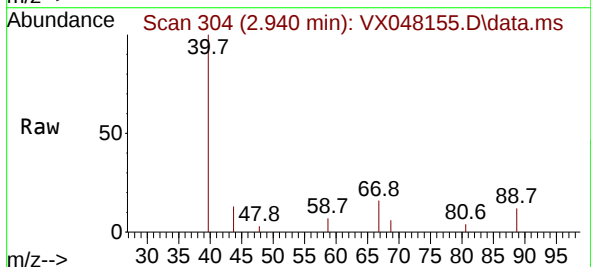


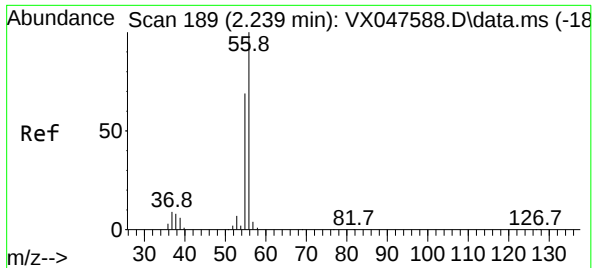
Tgt Ion:142 Resp: 711
Ion Ratio Lower Upper
142 100
127 58.8 37.2 55.8#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.785 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

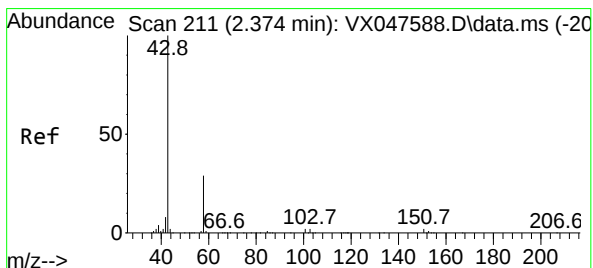
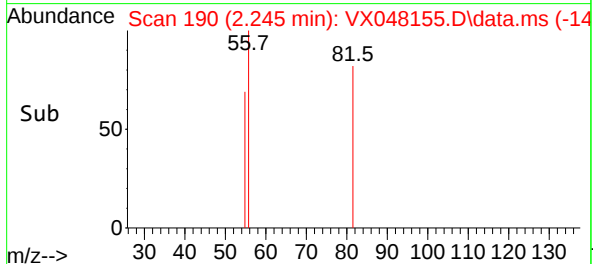
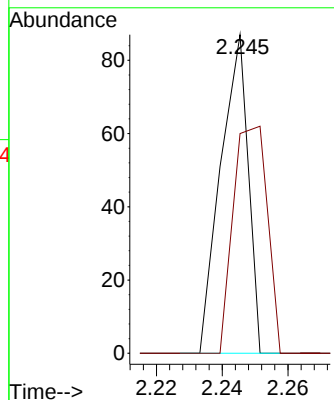
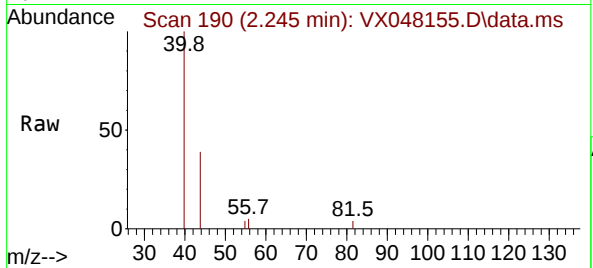




#13
Acrolein
Concen: 0.233 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

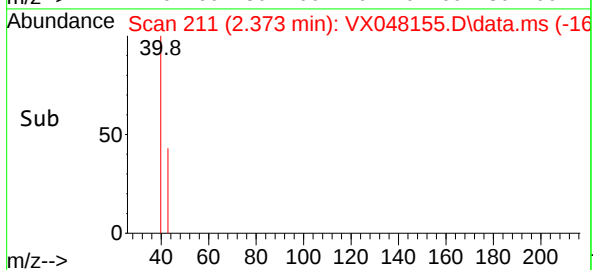
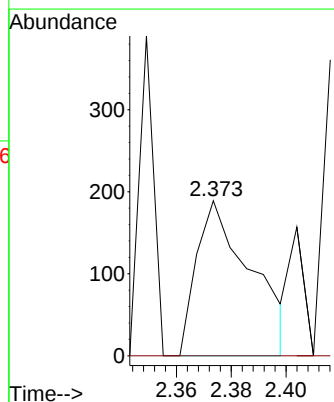
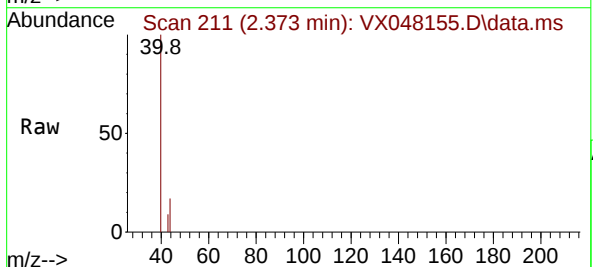
Instrument :
MSVOA_X
ClientSampleId :

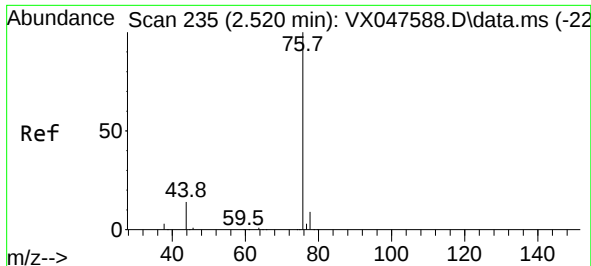
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 90.0 57.2 85.8#



#16
Acetone
Concen: 0.287 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#





#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

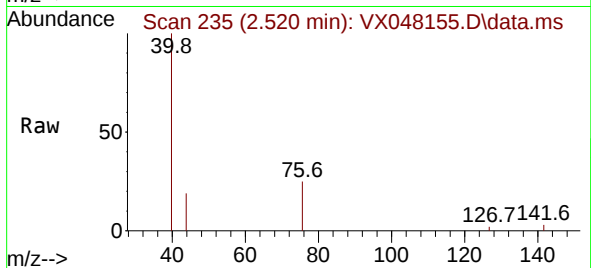
Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

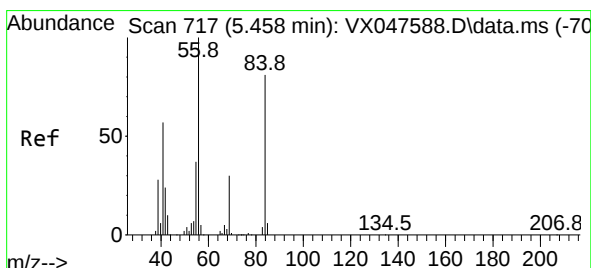
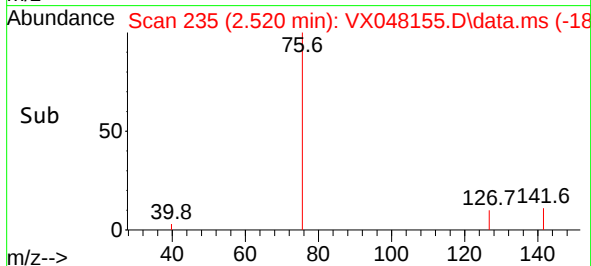
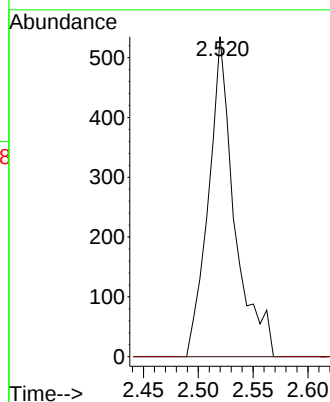


Tgt Ion: 76 Resp: 883

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

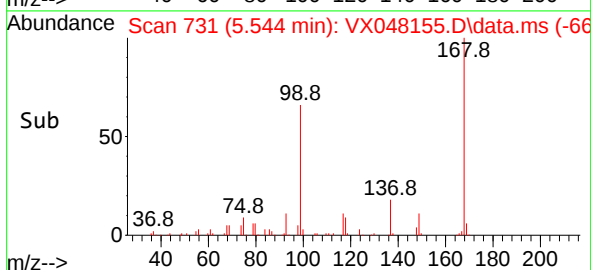
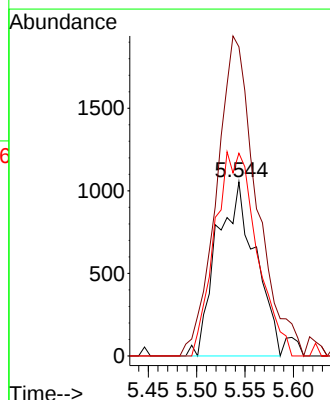
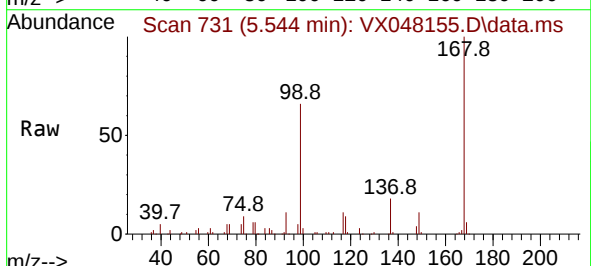
Tgt Ion: 56 Resp: 2921

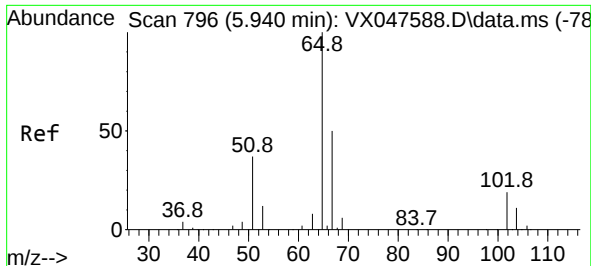
Ion Ratio Lower Upper

56 100

69 177.6 23.8 35.8#

84 116.5 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 55.001 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

Instrument :

MSVOA_X

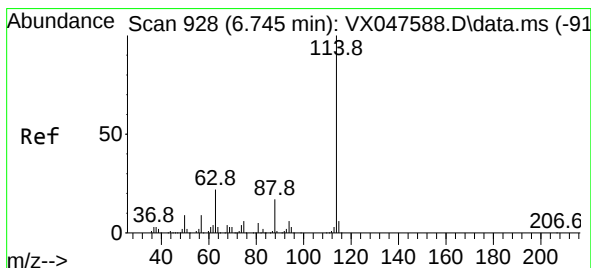
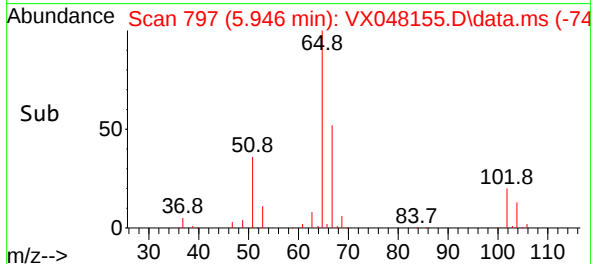
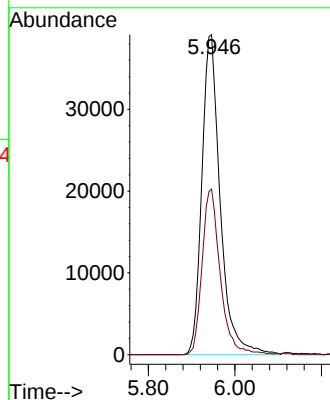
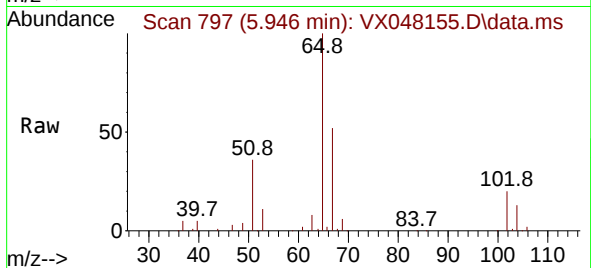
ClientSampleId :

Tgt Ion: 65 Resp: 115134

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

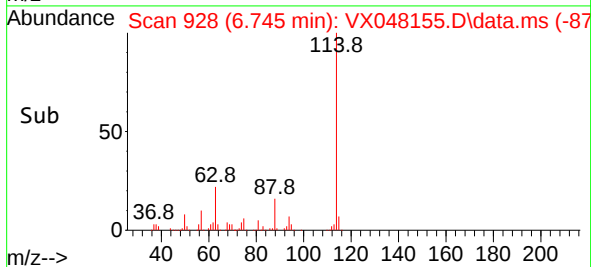
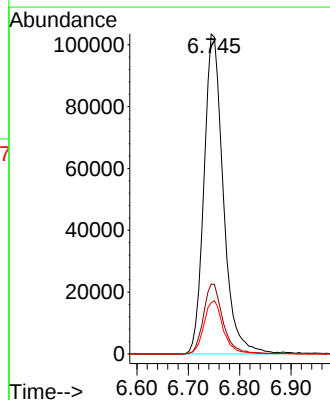
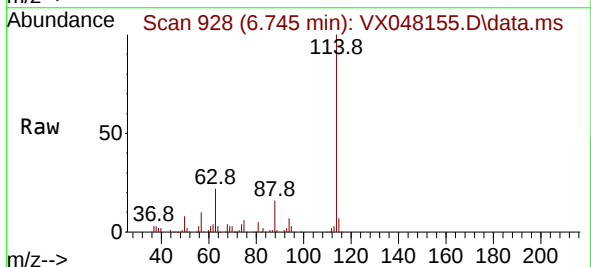
Tgt Ion: 114 Resp: 270081

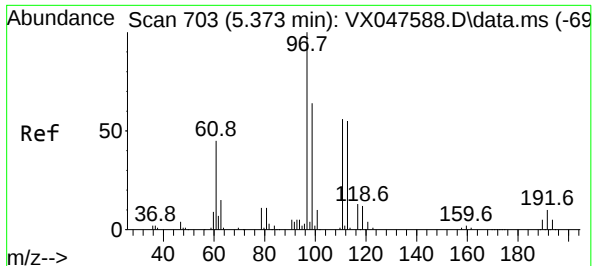
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 52.037 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

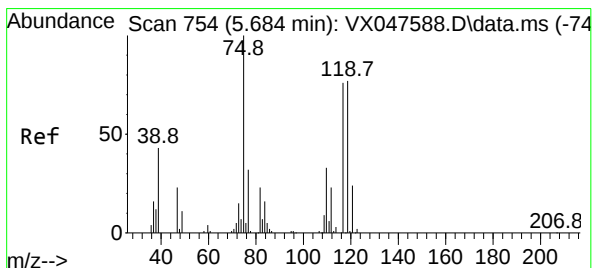
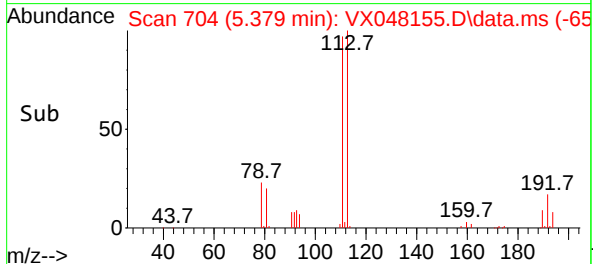
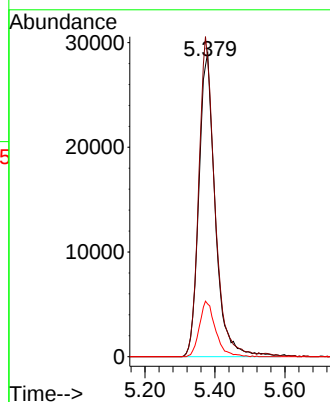
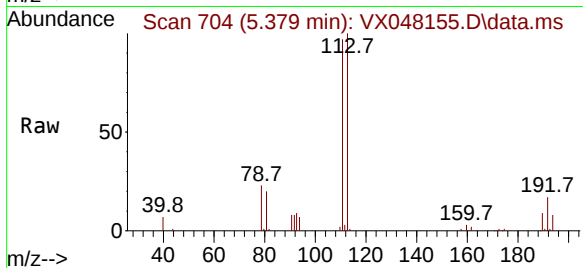
Tgt Ion:113 Resp: 94255

Ion Ratio Lower Upper

113 100

111 102.7 80.9 121.3

192 17.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.135 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

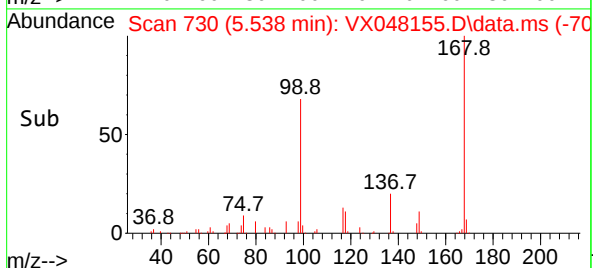
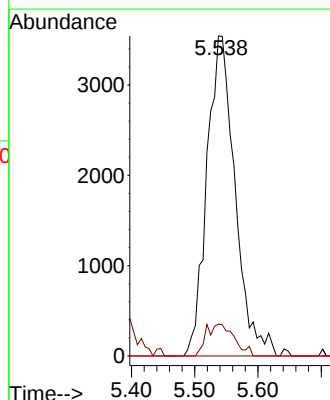
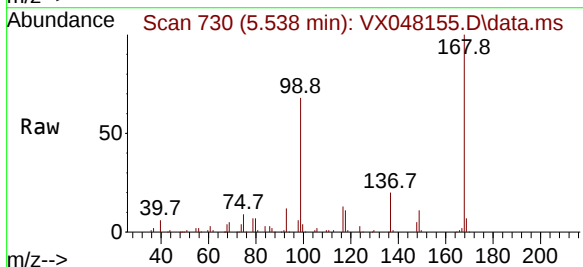
Tgt Ion: 75 Resp: 10945

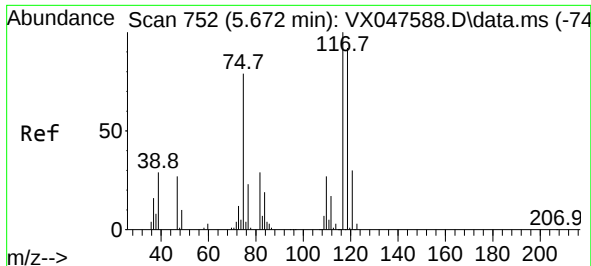
Ion Ratio Lower Upper

75 100

110 9.9 16.7 50.1#

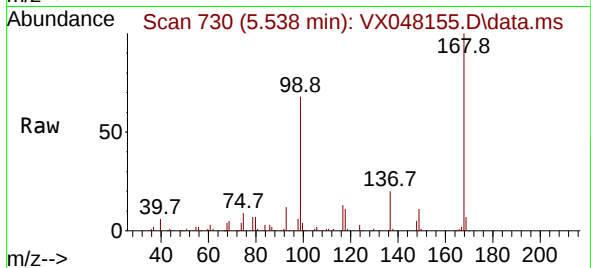
77 0.0 24.3 36.5#



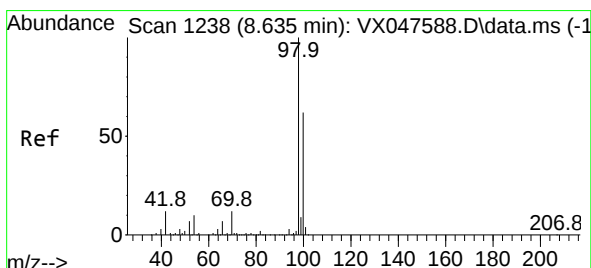
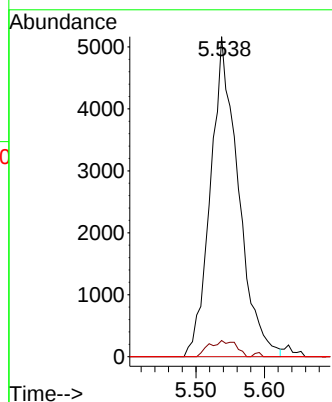
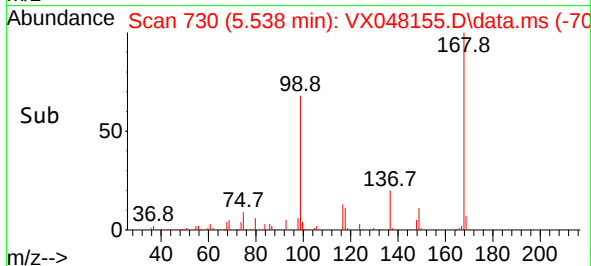


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :

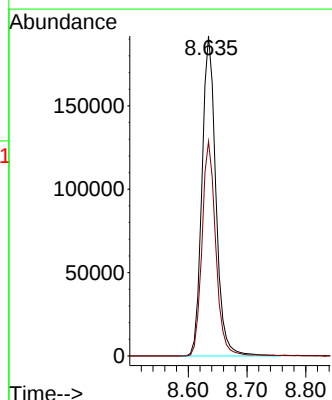
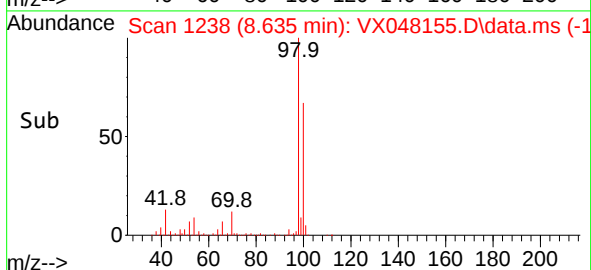
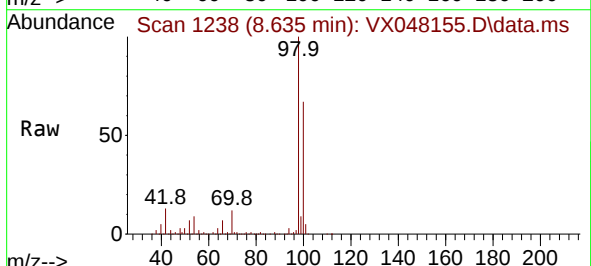


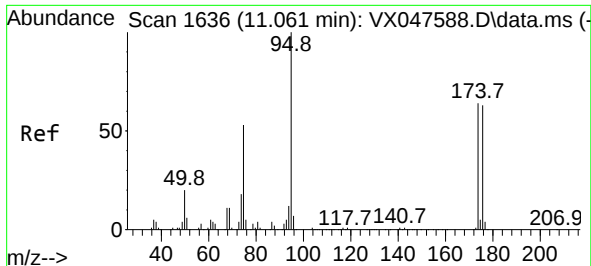
Tgt Ion:117 Resp: 14582
Ion Ratio Lower Upper
117 100
119 5.1 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.420 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 98 Resp: 316005
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

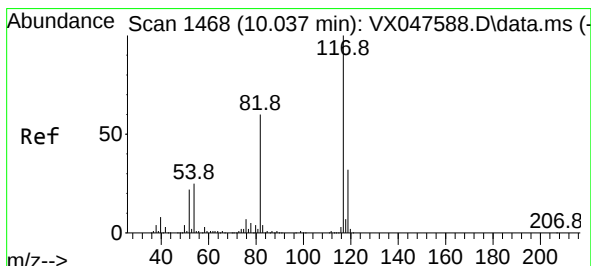
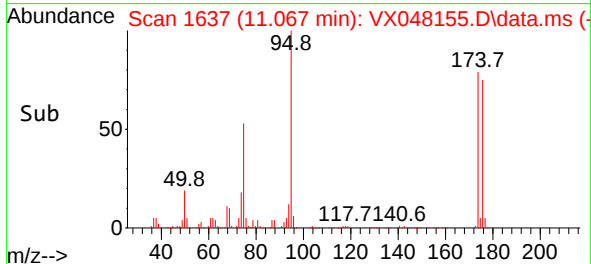
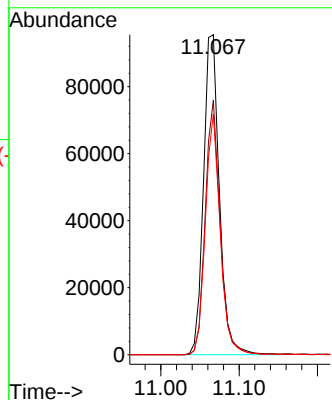
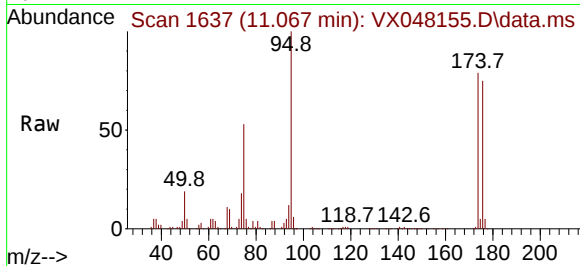




#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

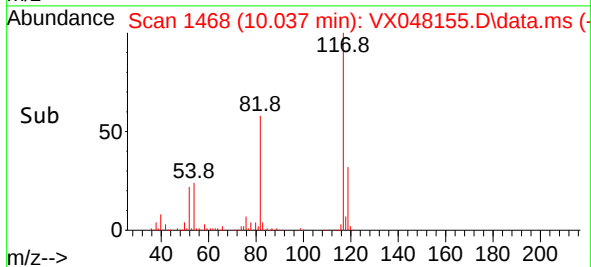
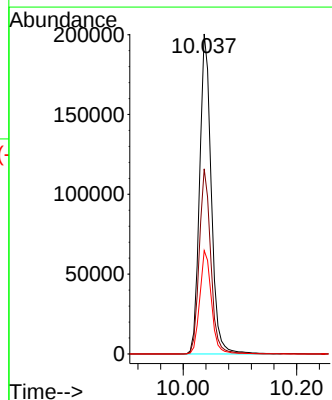
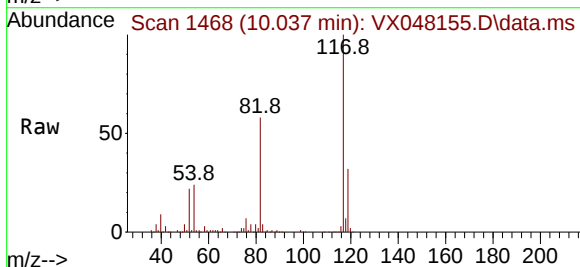
Instrument :
MSVOA_X
ClientSampleId :

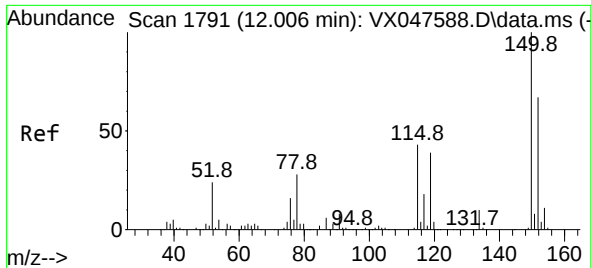
Tgt Ion: 95 Resp: 134411
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.6
176 70.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

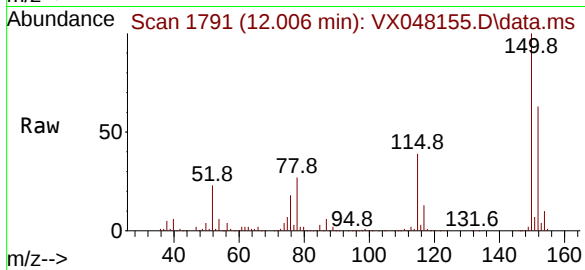
Tgt Ion: 117 Resp: 285912
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 32.3 25.2 37.8



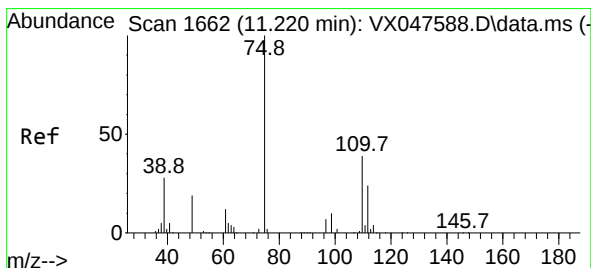
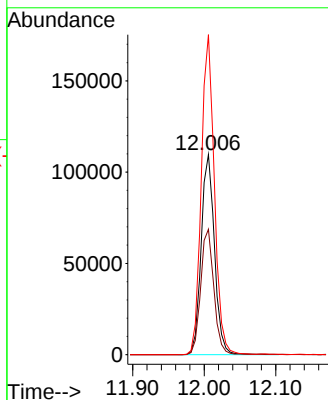
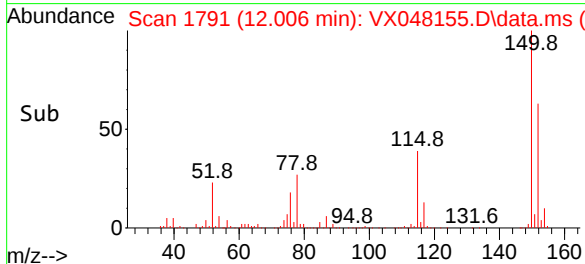


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048155.D
 Acq: 14 Oct 2025 10:52

Instrument :
 MSVOA_X
 ClientSampleId :

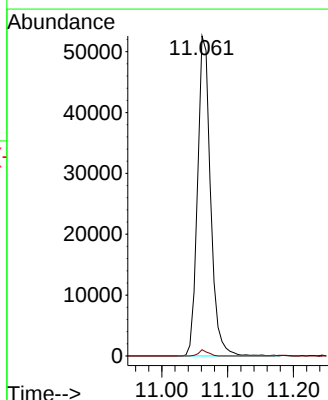
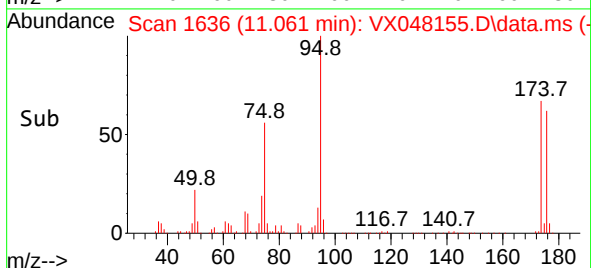
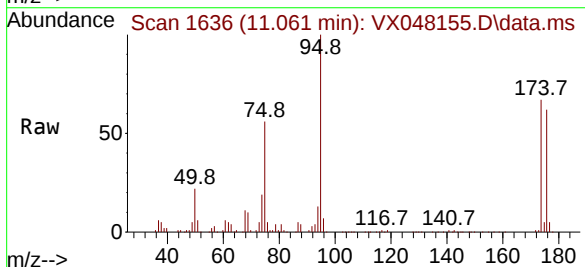


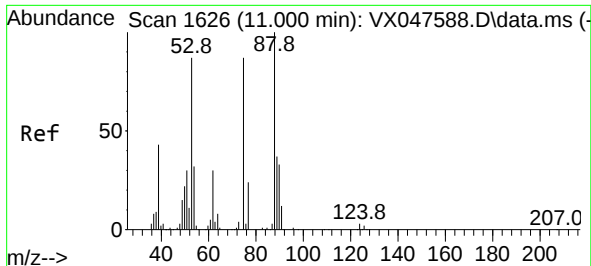
Tgt Ion:152 Resp: 141849
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 157.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 25.165 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048155.D
 Acq: 14 Oct 2025 10:52

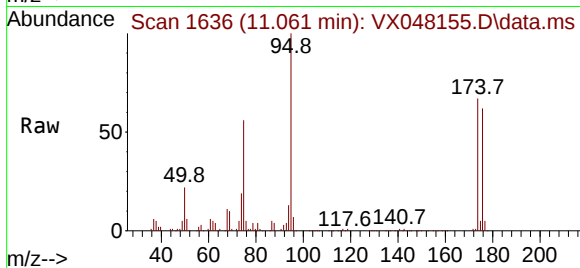
Tgt Ion: 75 Resp: 72273
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.8 56.4#



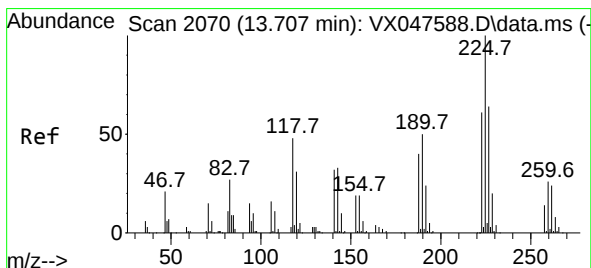
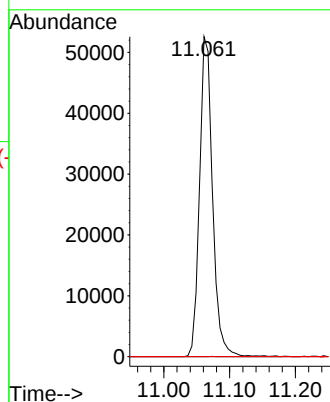
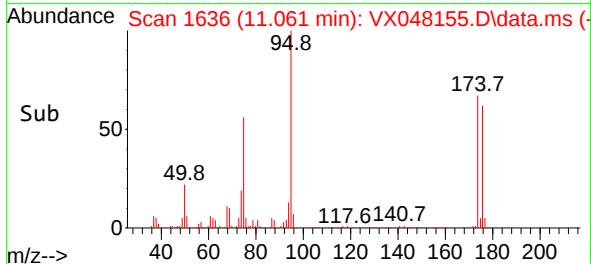


#81
trans-1,4-Dichloro-2-butene
Concen: 64.174 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 72273
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.546 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 225 Resp: 566
Ion Ratio Lower Upper
225 100
223 55.7 31.7 95.1
227 60.2 32.0 96.0

