

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048224.D
 Acq On : 17 Oct 2025 19:19
 Operator : JC/MD
 Sample : Q3349-01 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 00:24:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

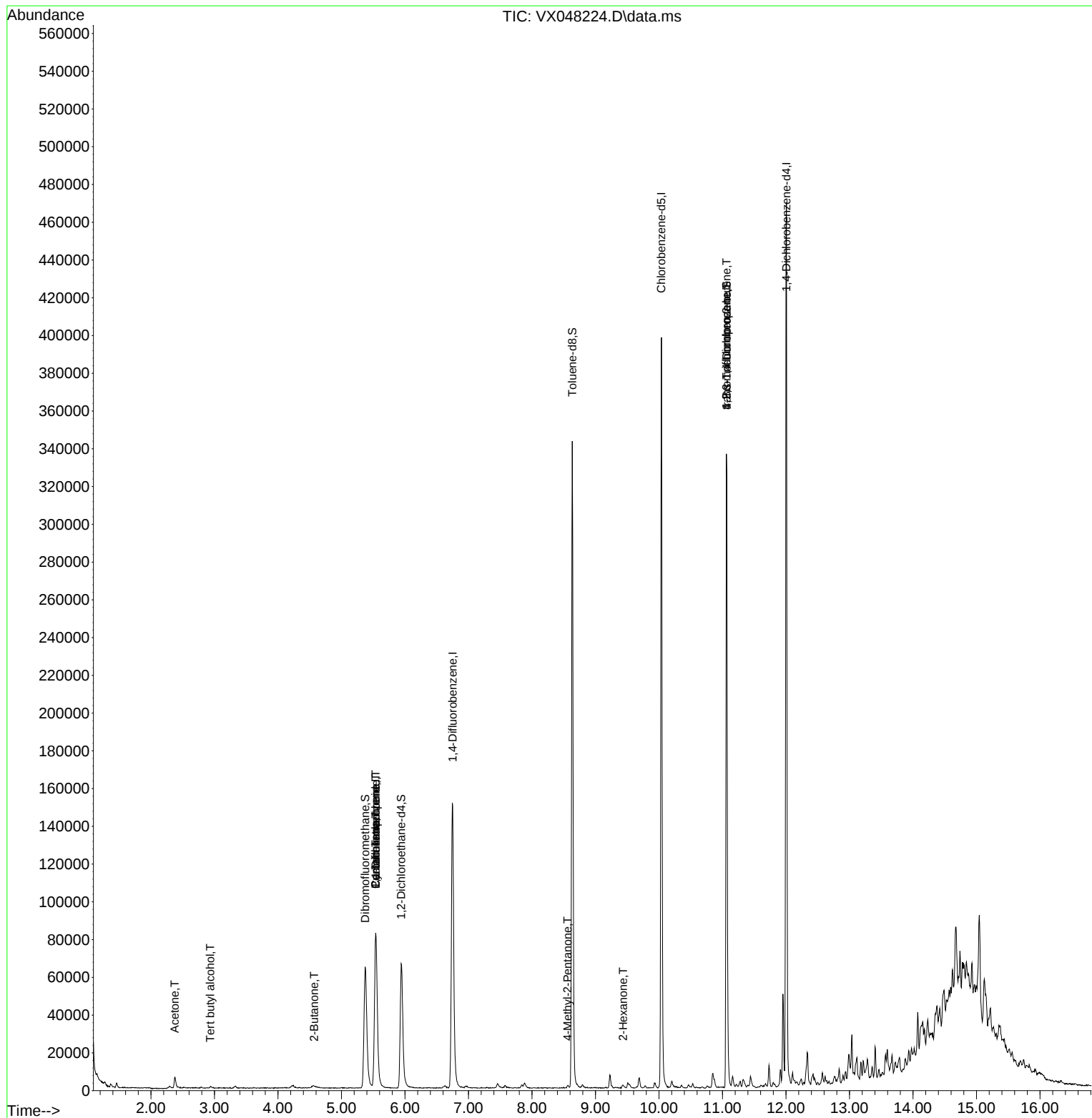
Internal Standards						
1) Pentafluorobenzene	5.538	168	84578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	169663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	74771	57.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.120%	
35) Dibromofluoromethane	5.373	113	62722	53.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	8.635	98	211439	49.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	11.061	95	97075	62.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.660%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	836	9.616	ug/l #	72
16) Acetone	2.374	43	7634	17.079	ug/l	93
25) 2-Butanone	4.568	43	2185	4.196	ug/l	96
31) Cyclohexane	5.538	56	1799	1.123	ug/l #	35
36) 1,1-Dichloropropene	5.538	75	6792	4.095	ug/l #	51
38) Carbon Tetrachloride	5.538	117	9266	4.867	ug/l #	15
51) 4-Methyl-2-Pentanone	8.562	43	1169	0.944	ug/l	93
59) 2-Hexanone	9.433	43	854	0.986	ug/l	91
76) 1,2,3-Trichloropropane	11.061	75	50370	32.404	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	50370	79.346	ug/l #	10

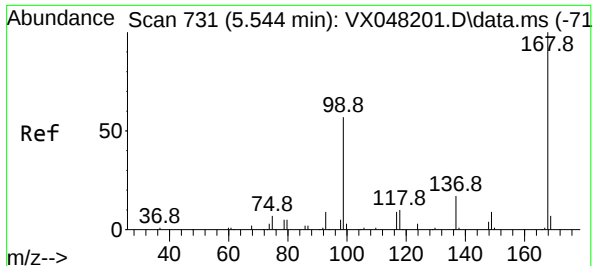
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048224.D
Acq On : 17 Oct 2025 19:19
Operator : JC/MD
Sample : Q3349-01 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 18 00:24:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



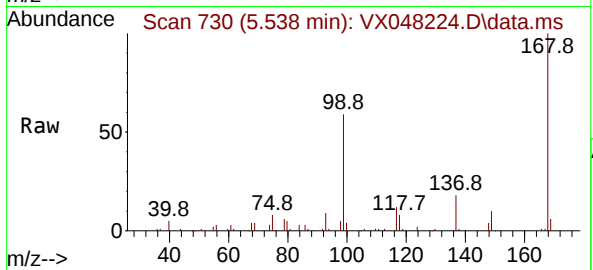


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

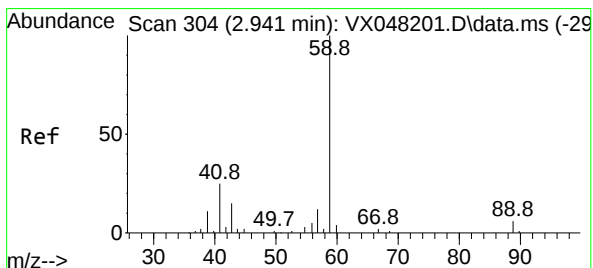
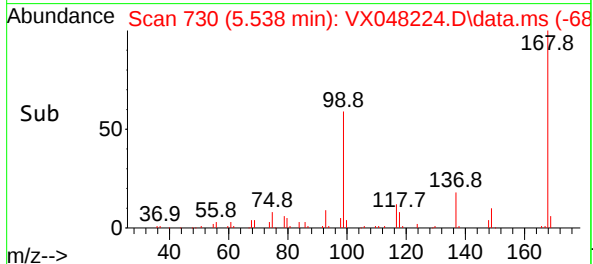
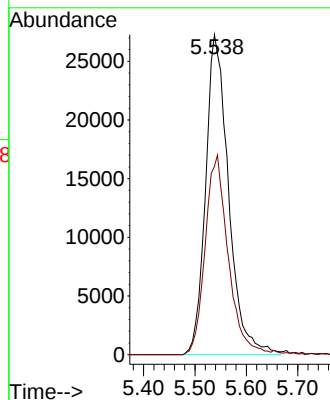
Instrument :

MSVOA_X

ClientSampleId :

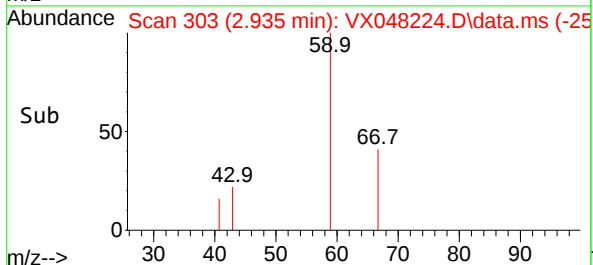
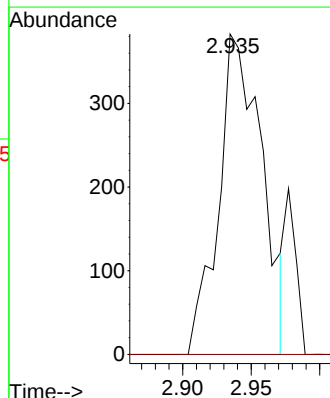
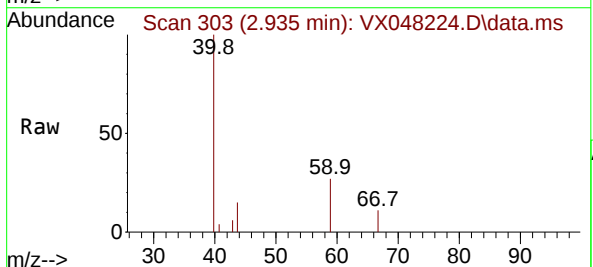


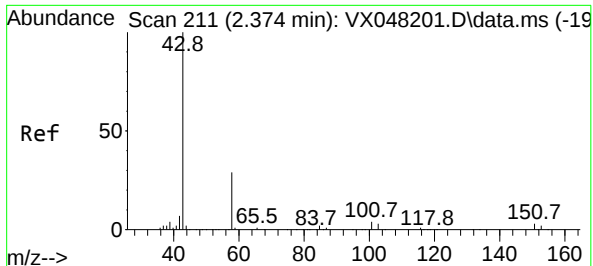
Tgt Ion:168 Resp: 84578
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 9.616 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

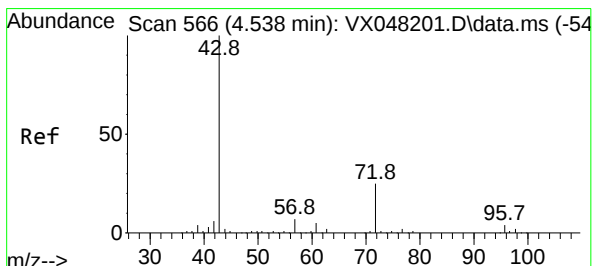
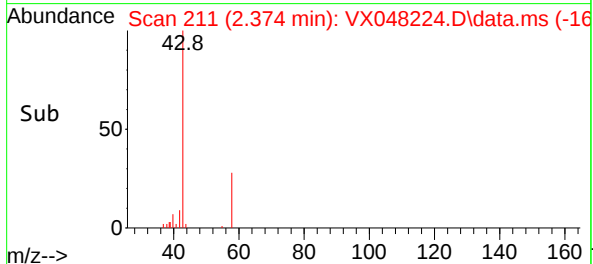
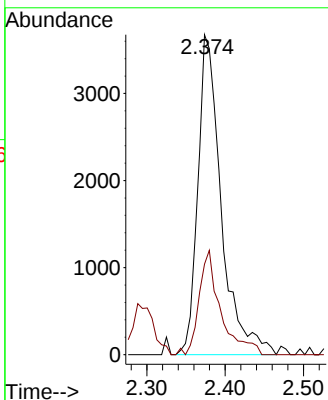
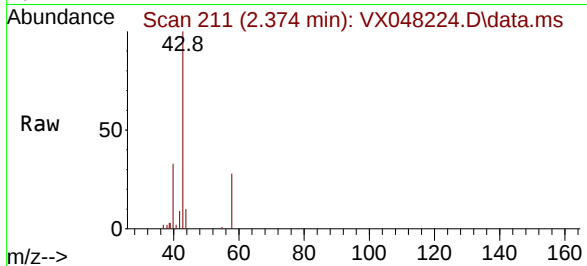




#16
Acetone
Concen: 17.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

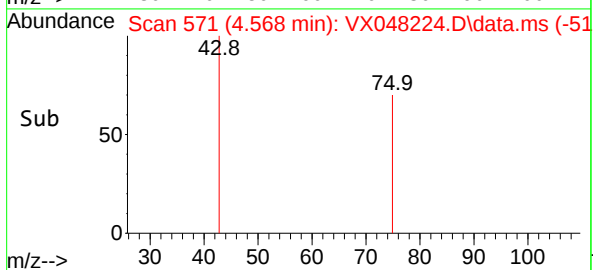
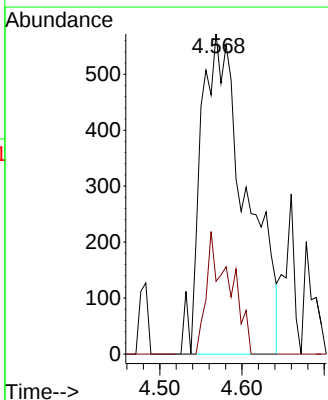
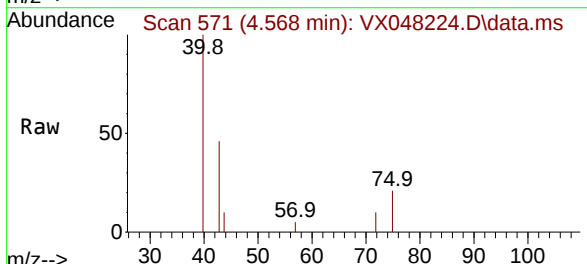
Instrument :
MSVOA_X
ClientSampleId :

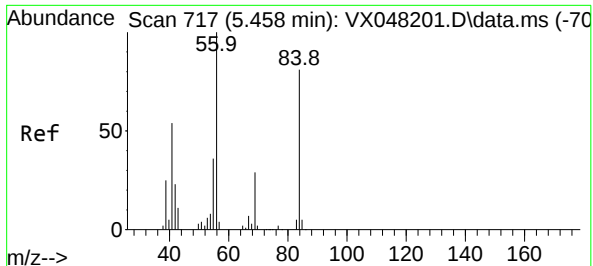
Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 25.6 23.4 35.2



#25
2-Butanone
Concen: 4.196 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.031 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

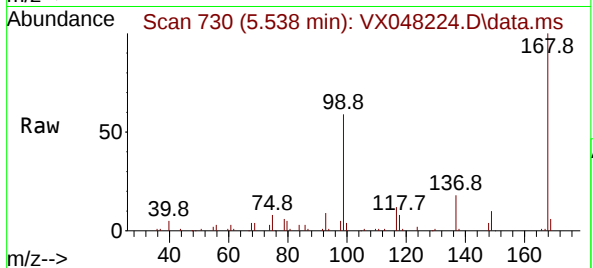
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
72 22.8 19.9 29.9



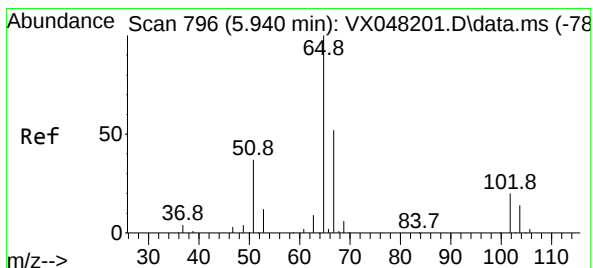
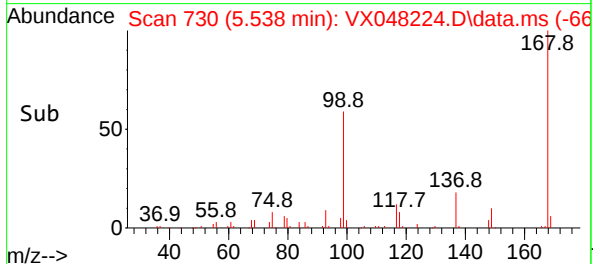
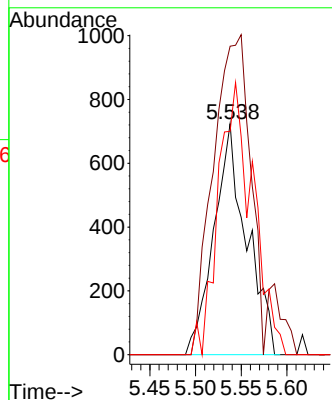


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :

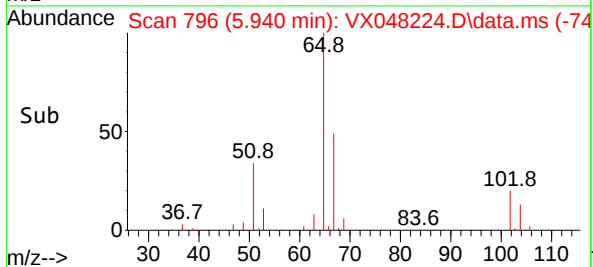
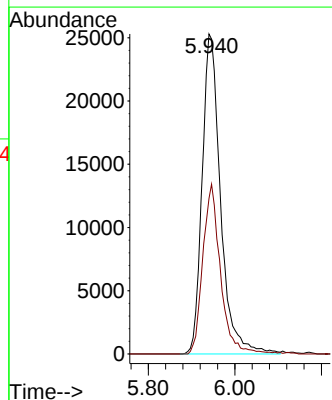
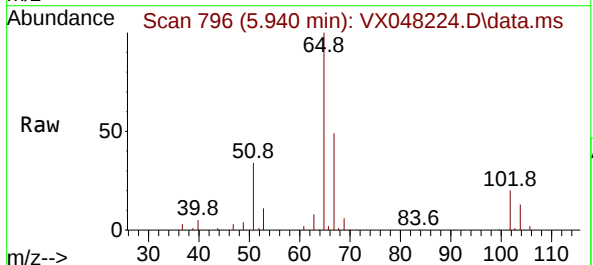


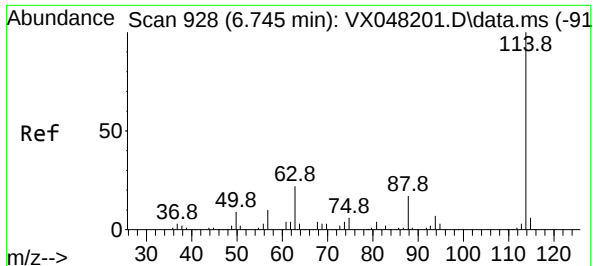
Tgt Ion: 56 Resp: 1799
Ion Ratio Lower Upper
56 100
69 133.6 23.0 34.6#
84 96.7 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 57.065 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

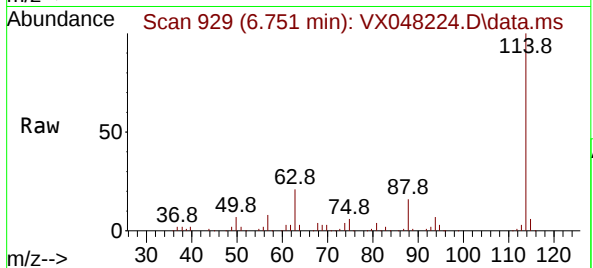
Tgt Ion: 65 Resp: 74771
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0



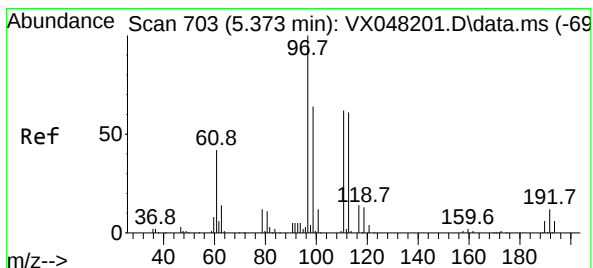
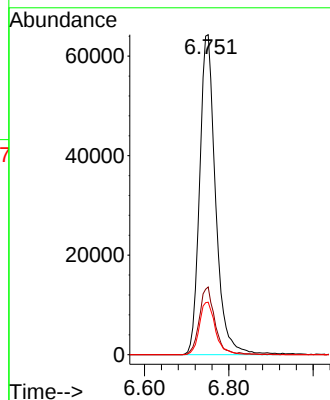
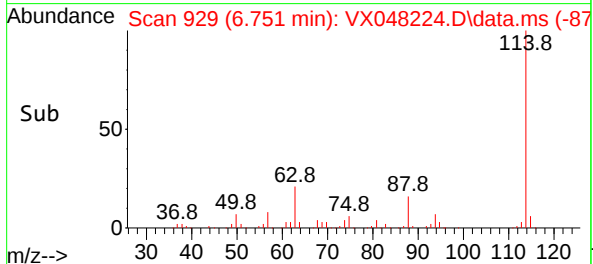


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :

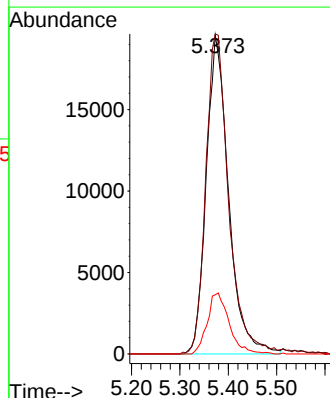
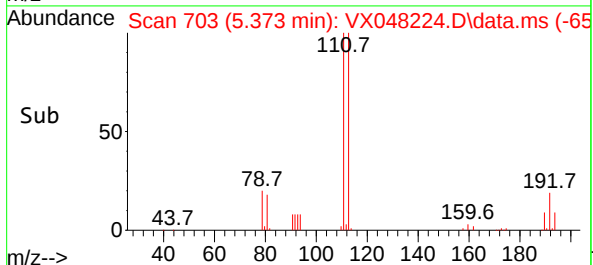
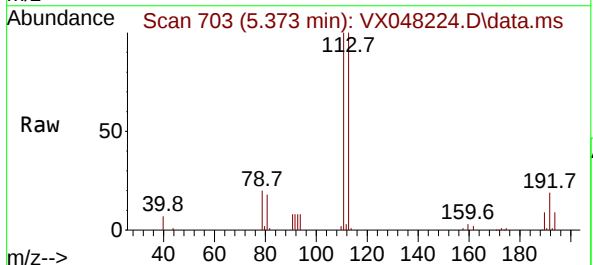


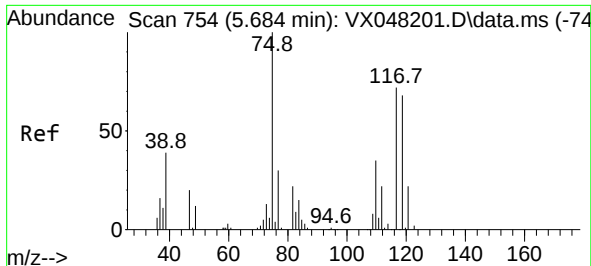
Tgt Ion:114 Resp: 169663
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.267 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Tgt Ion:113 Resp: 62722
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.8 15.1 22.7

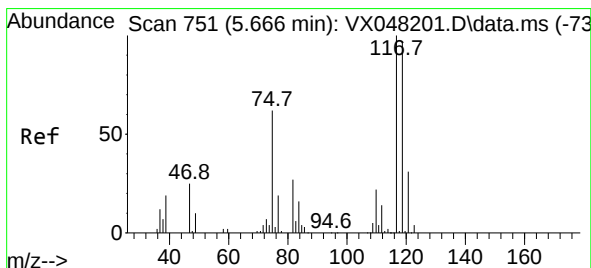
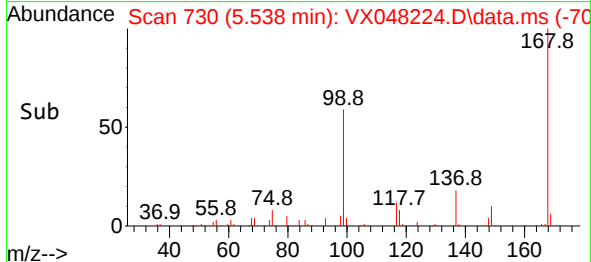
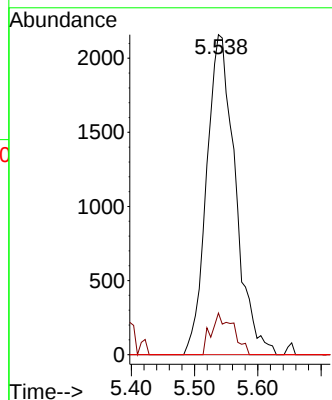
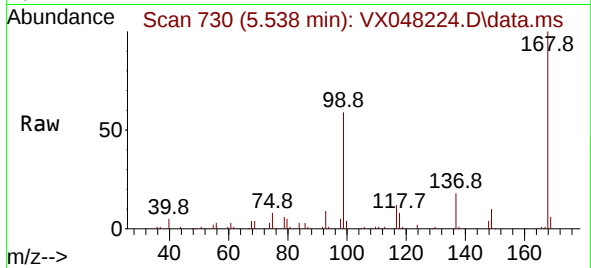




#36
1,1-Dichloropropene
Concen: 4.095 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

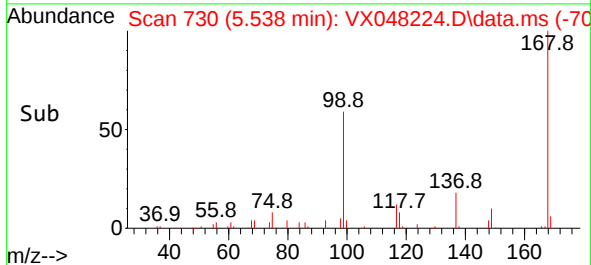
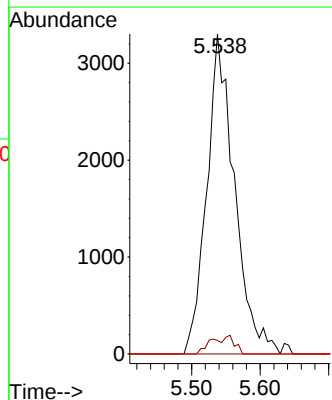
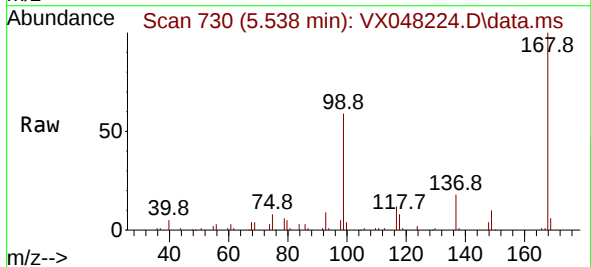
Instrument :
MSVOA_X
ClientSampleId :

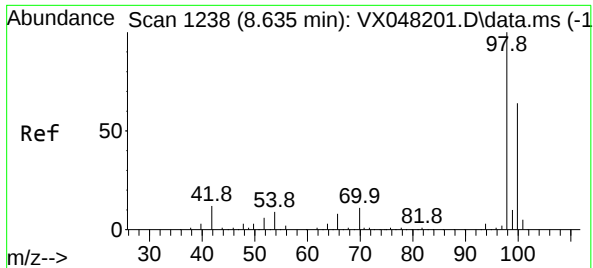
Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
110 10.0 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.867 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Tgt Ion: 117 Resp: 9266
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.8 37.2#

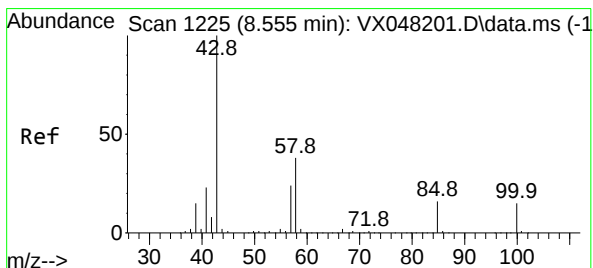
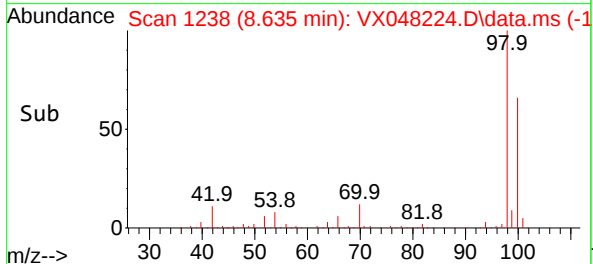
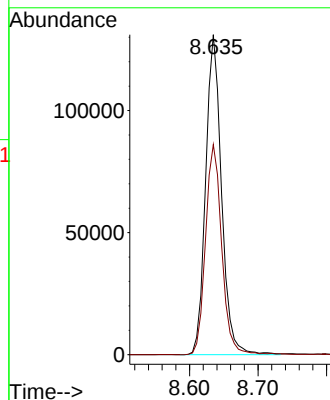
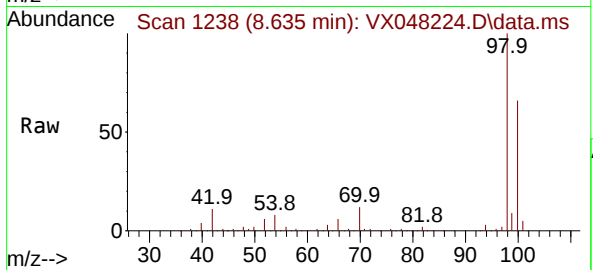




#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

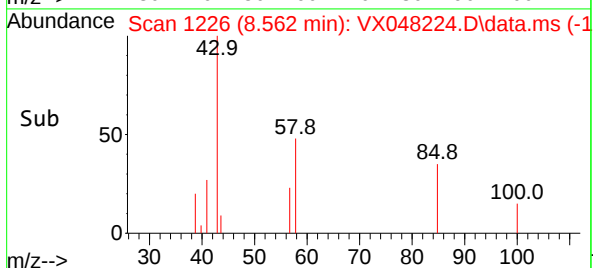
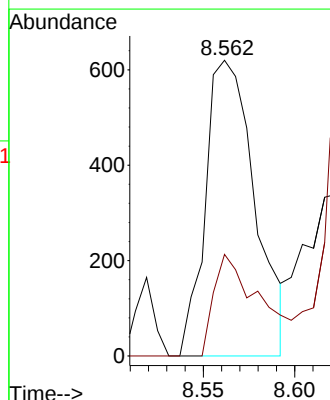
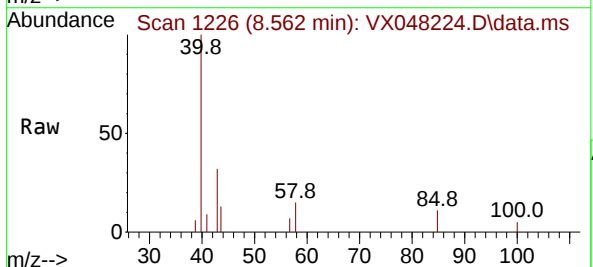
Instrument :
MSVOA_X
ClientSampleId :

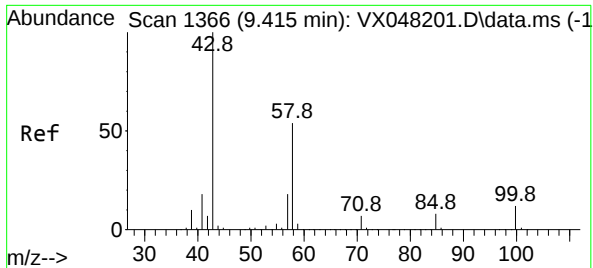
Tgt Ion: 98 Resp: 211439
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.944 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 32.8 29.5 44.3





#59

2-Hexanone

Concen: 0.986 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX048224.D

Acq: 17 Oct 2025 19:19

Instrument :

MSVOA_X

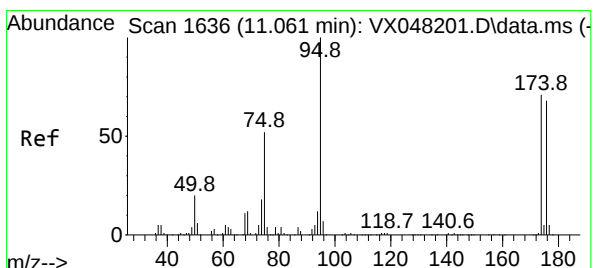
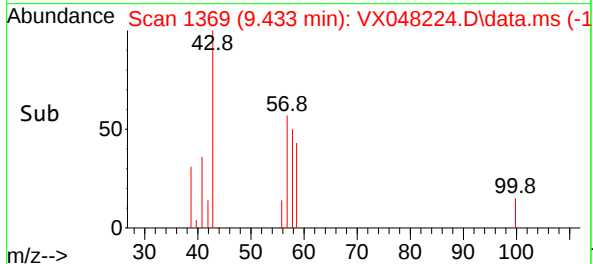
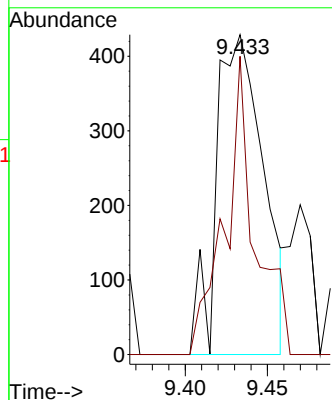
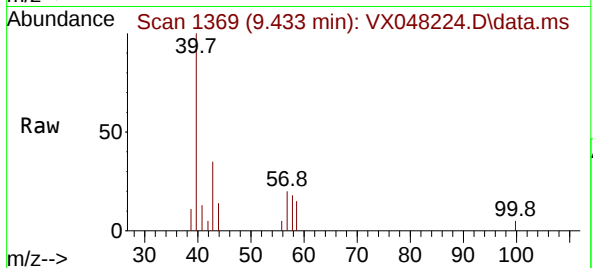
ClientSampleId :

Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

43 100

58 59.1 26.3 78.8



#62

4-Bromofluorobenzene

Concen: 62.829 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048224.D

Acq: 17 Oct 2025 19:19

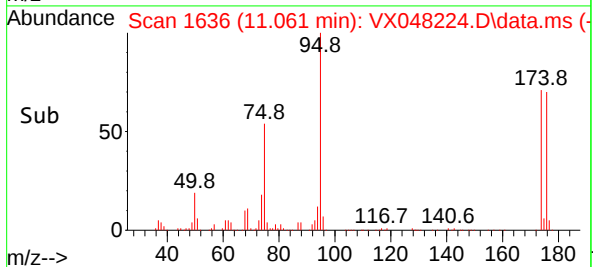
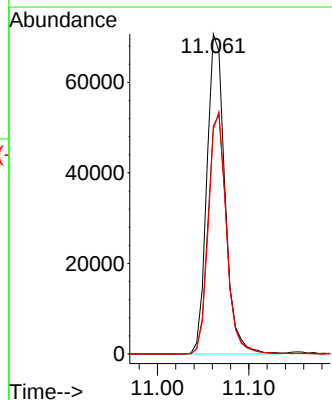
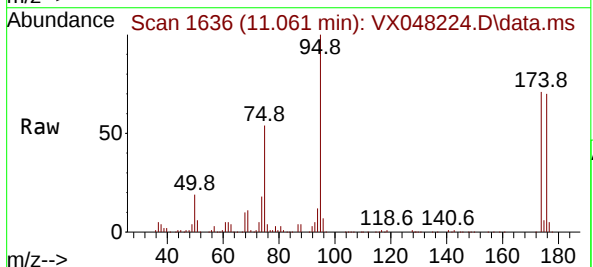
Tgt Ion: 95 Resp: 97075

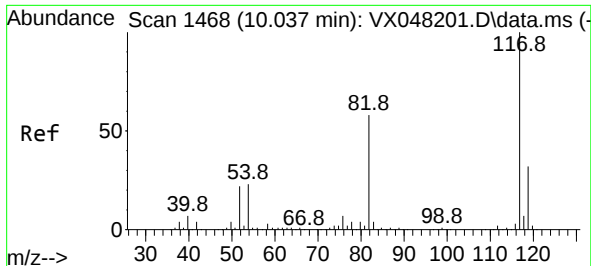
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.8

176 74.9 0.0 142.8

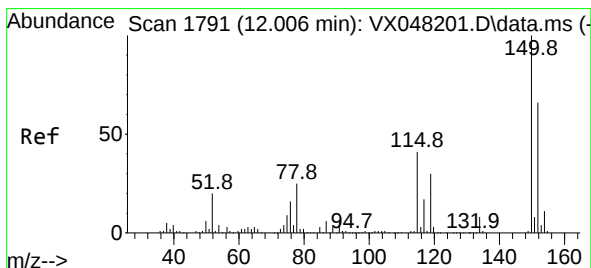
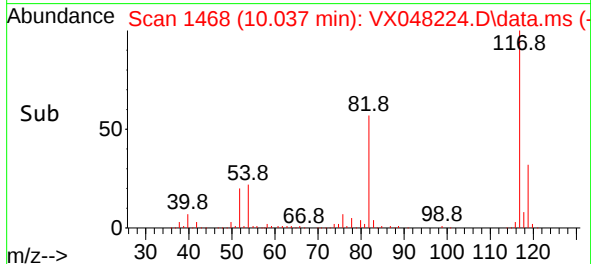
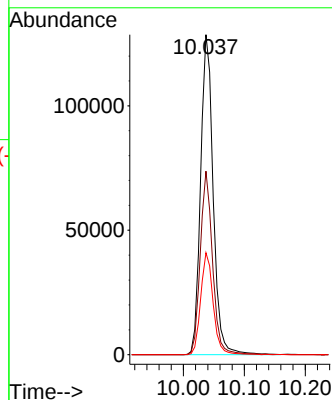
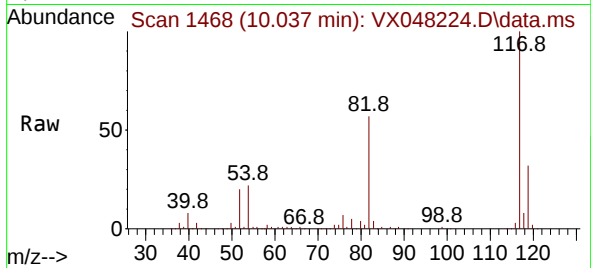




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

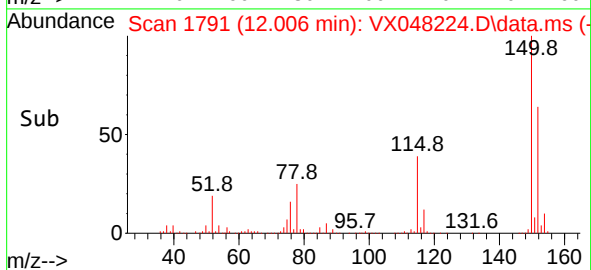
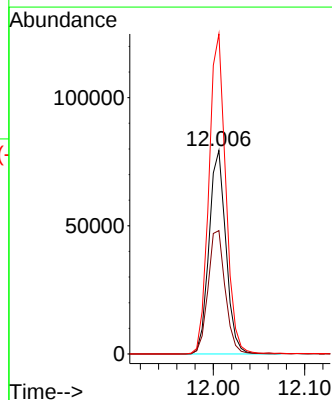
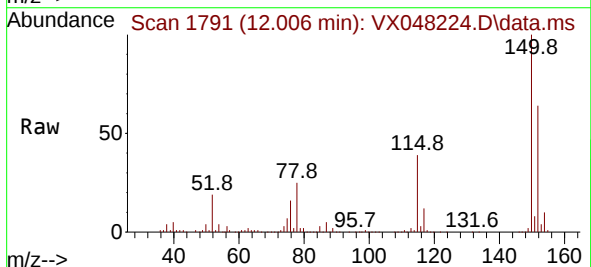
Instrument :
MSVOA_X
ClientSampleId :

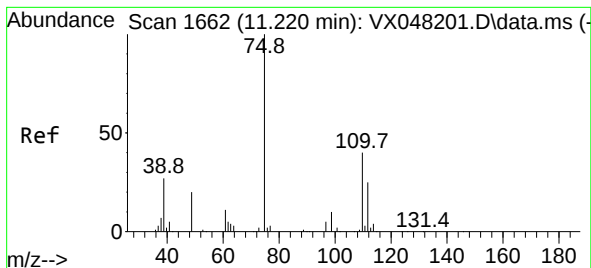
Tgt Ion:117 Resp: 184791
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048224.D
Acq: 17 Oct 2025 19:19

Tgt Ion:152 Resp: 101794
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 156.8 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 32.404 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX048224.D

Acq: 17 Oct 2025 19:19

Instrument :

MSVOA_X

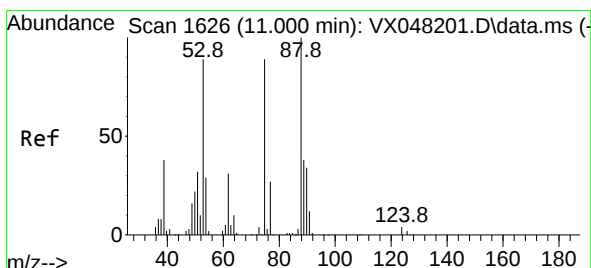
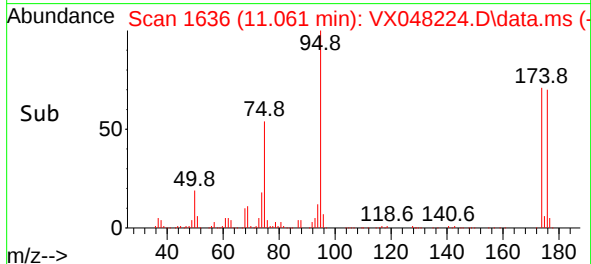
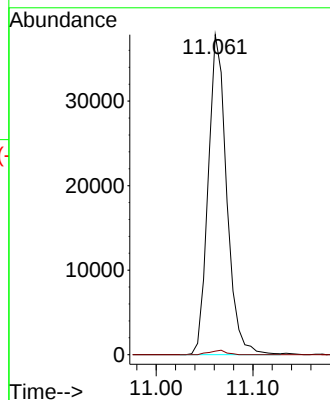
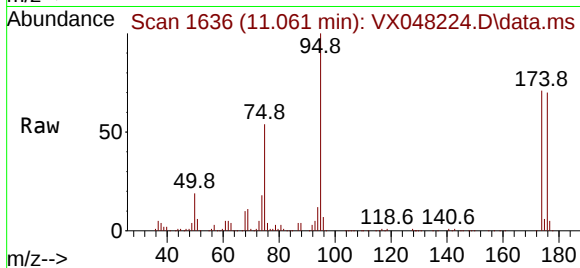
ClientSampleId :

Tgt Ion: 75 Resp: 50370

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.346 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048224.D

Acq: 17 Oct 2025 19:19

Tgt Ion: 75 Resp: 50370

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 36.8 55.2#

