

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048534.D
 Acq On : 10 Nov 2025 13:19
 Operator : JC/MD
 Sample : Q3573-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:45:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

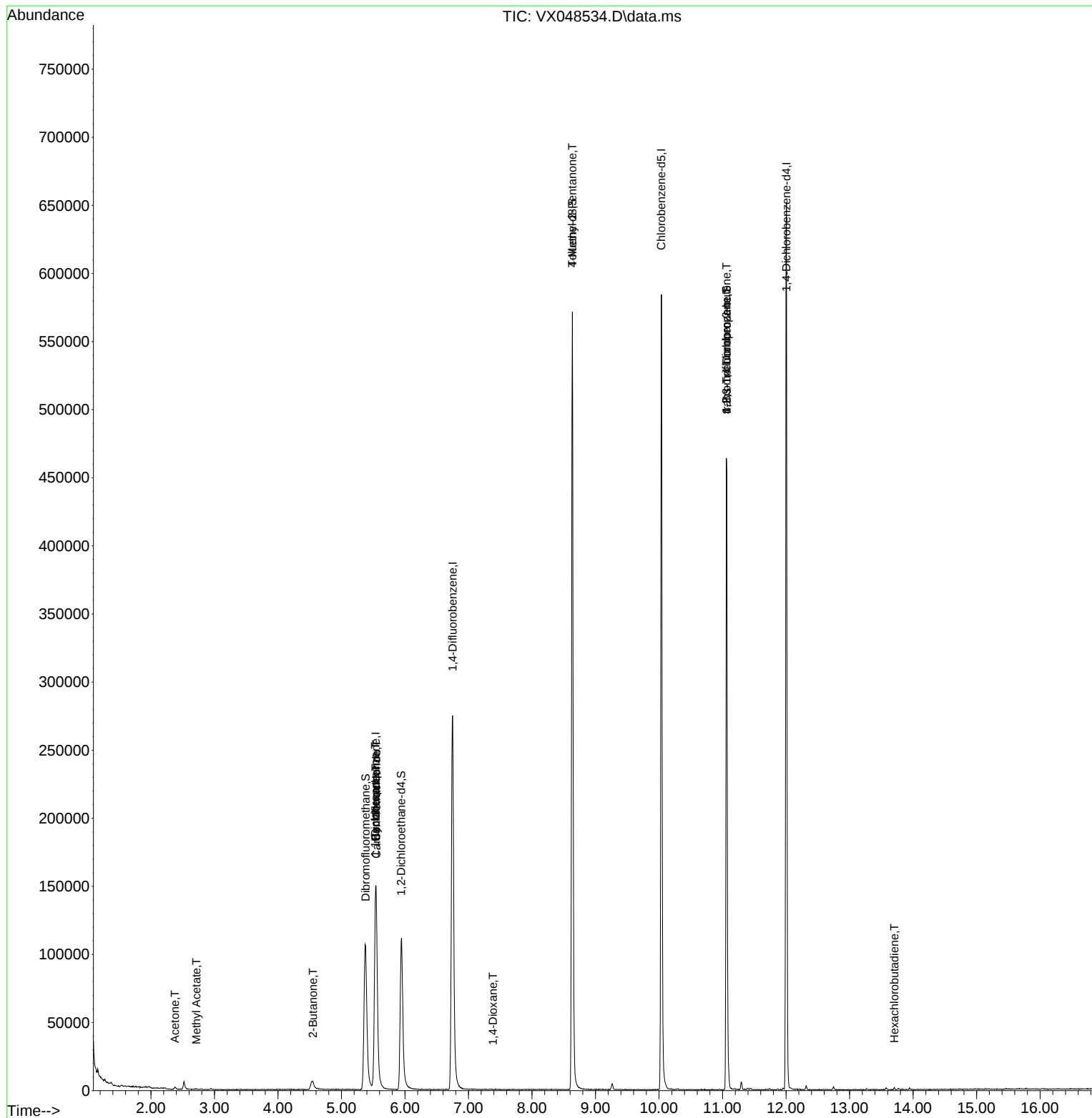
Internal Standards						
1) Pentafluorobenzene	5.537	168	159408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	314204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120206	54.117	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.240%	
35) Dibromofluoromethane	5.379	113	107618	45.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.500%	
50) Toluene-d8	8.634	98	359693	48.497	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	11.061	95	128809	46.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2299	2.187	ug/l #	79
18) Methyl Acetate	2.715	43	777	0.269	ug/l #	66
25) 2-Butanone	4.550	43	544	0.350	ug/l #	48
31) Cyclohexane	5.537	56	3087	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.531	75	12220	3.837	ug/l #	49
38) Carbon Tetrachloride	5.550	117	16871	4.654	ug/l #	16
49) 1,4-Dioxane	7.385	88	25	0.586	ug/l #	1
51) 4-Methyl-2-Pentanone	8.634	43	1950	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	68885	20.642	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	68885	59.044	ug/l #	12
94) Hexachlorobutadiene	13.707	225	281	0.217	ug/l	84

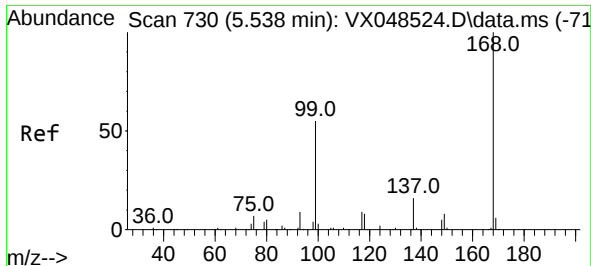
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
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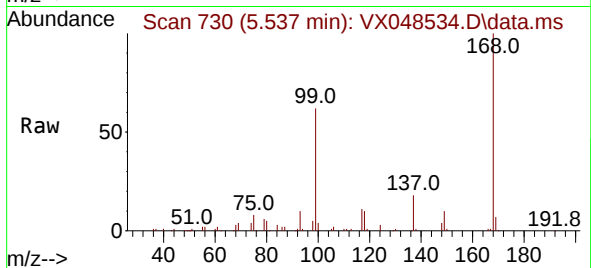
Quant Time: Nov 11 00:45:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



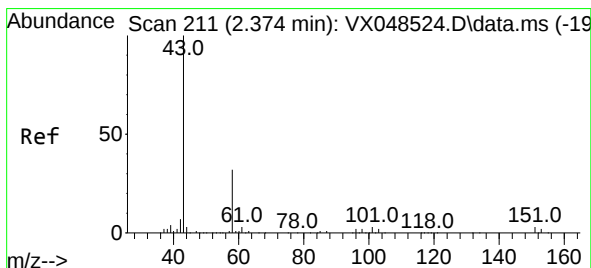
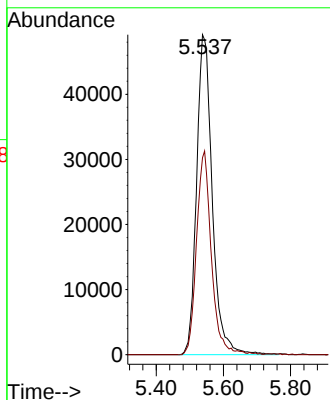
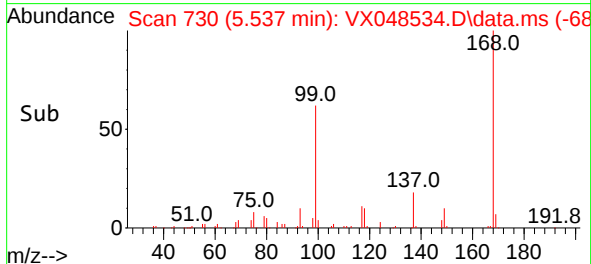


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

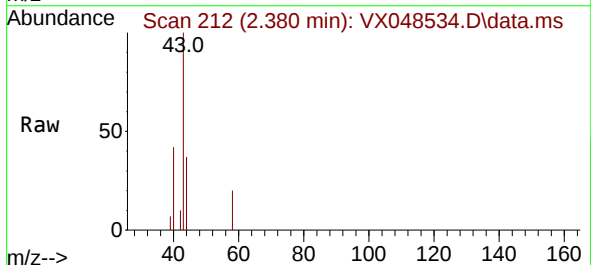
Instrument :
MSVOA_X
ClientSampleId :



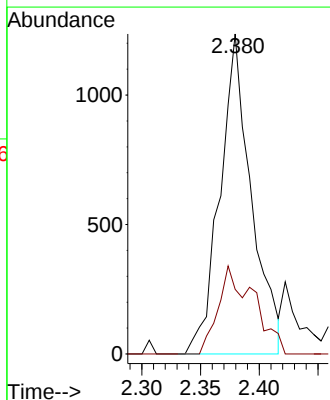
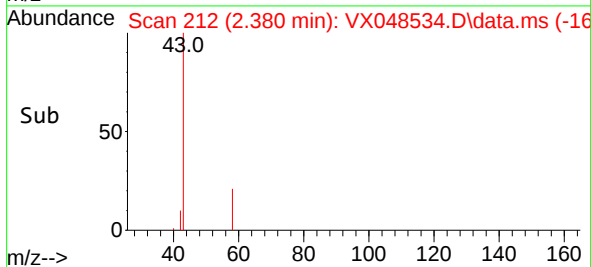
Tgt Ion:168 Resp: 159408
Ion Ratio Lower Upper
168 100
99 61.5 45.2 67.8

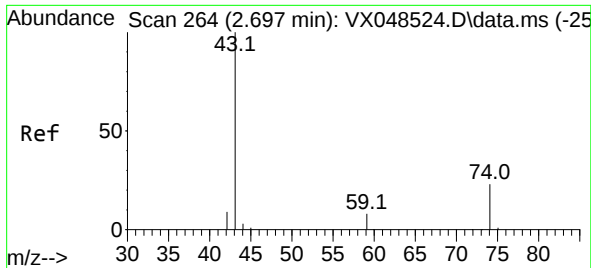


#16
Acetone
Concen: 2.187 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19



Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
58 20.2 25.8 38.6#

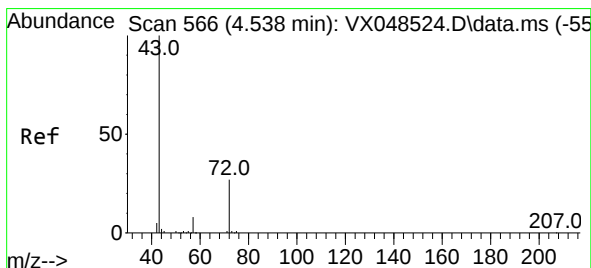
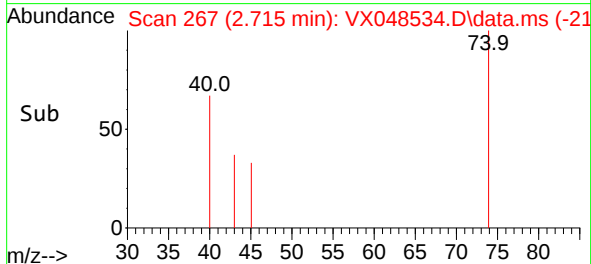
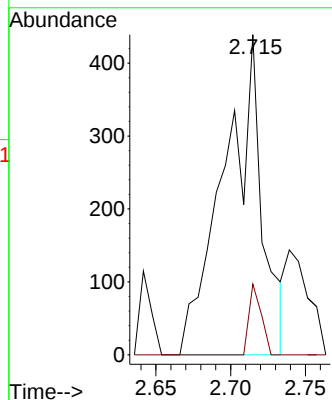
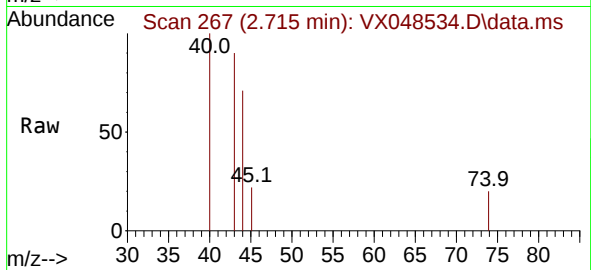




#18
Methyl Acetate
Concen: 0.269 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

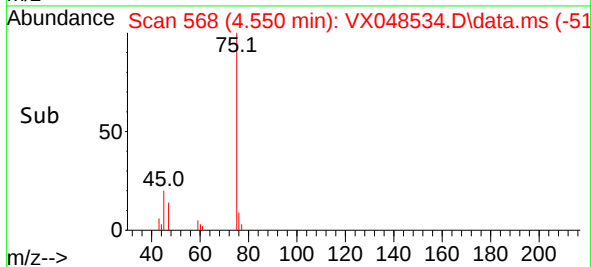
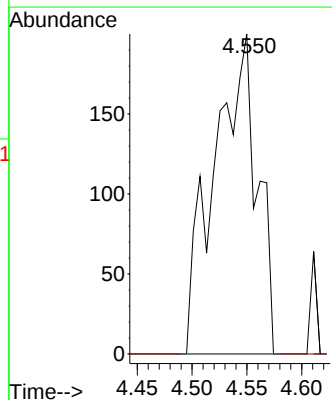
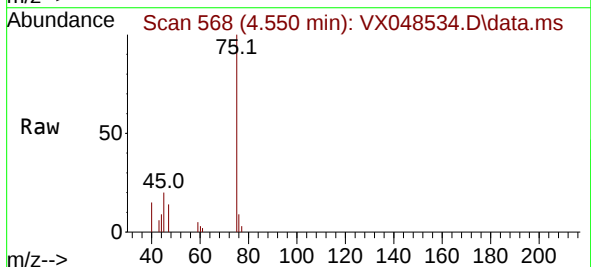
Instrument :
MSVOA_X
ClientSampleId :

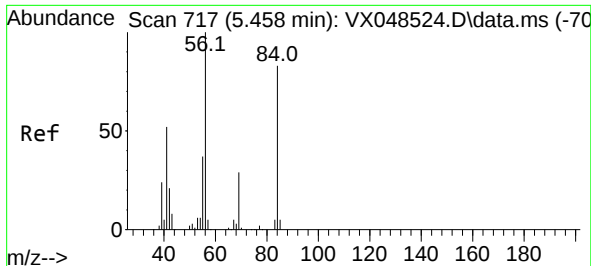
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
74 7.1 19.1 28.7#



#25
2-Butanone
Concen: 0.350 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

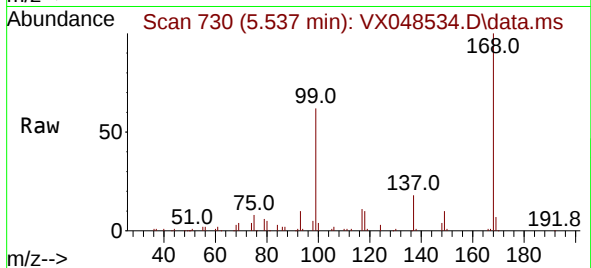
Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



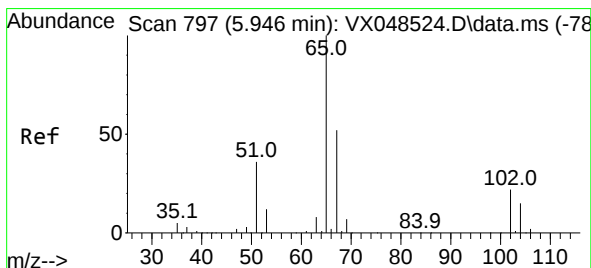
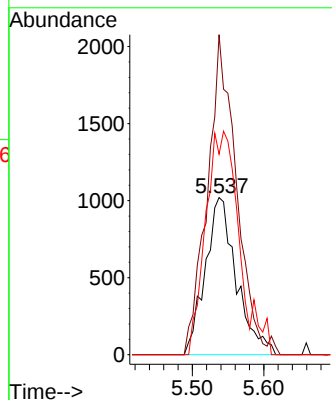
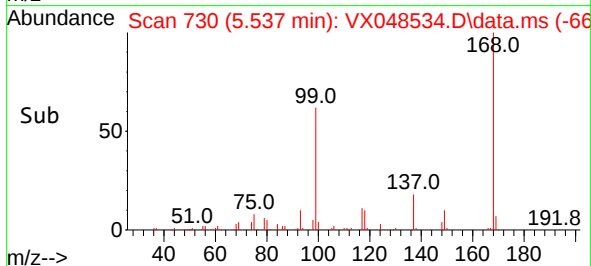


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :

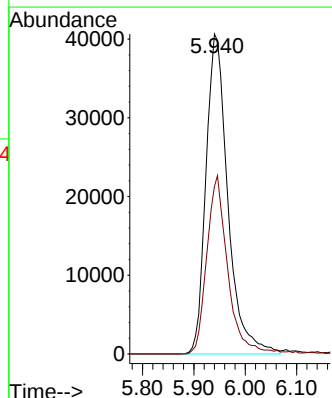
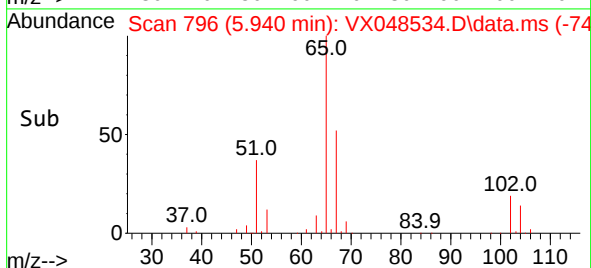
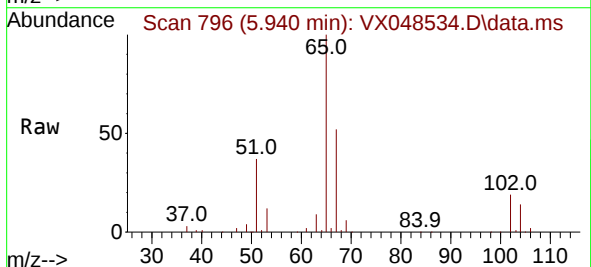


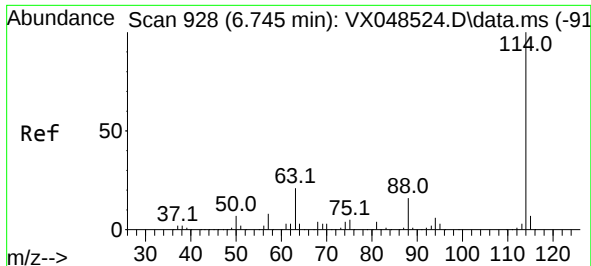
Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 203.6 23.4 35.2#
84 127.5 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 54.117 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 65 Resp: 120206
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2

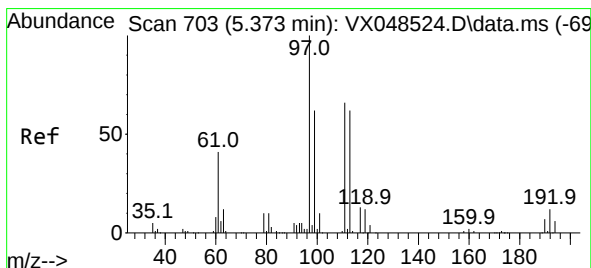
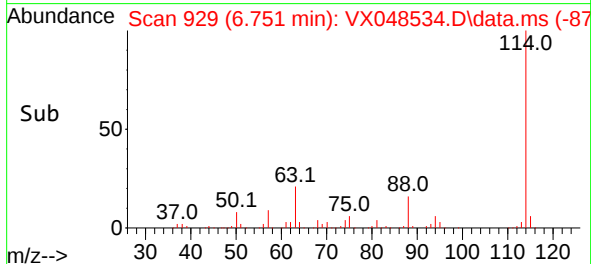
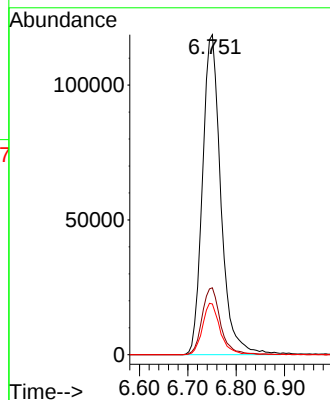
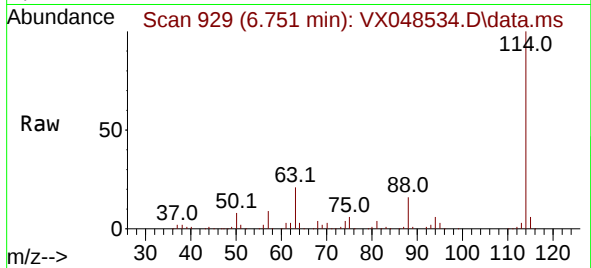




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

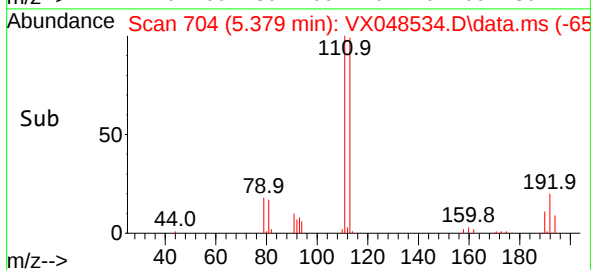
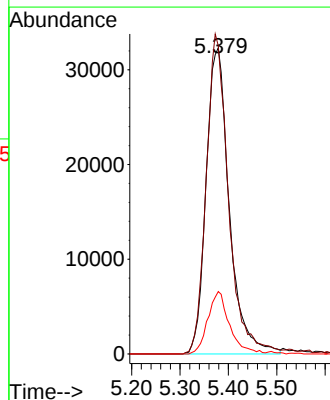
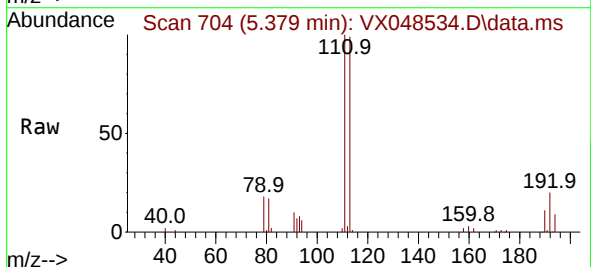
Instrument :
MSVOA_X
ClientSampleId :

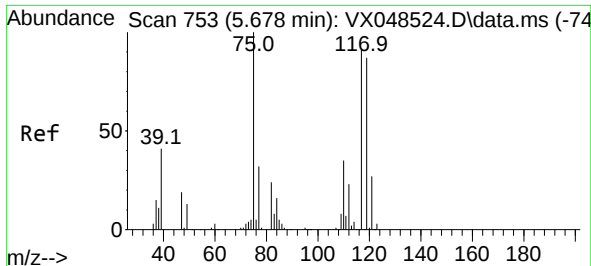
Tgt Ion:114 Resp: 314204
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.254 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:113 Resp: 107618
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 19.0 15.8 23.6

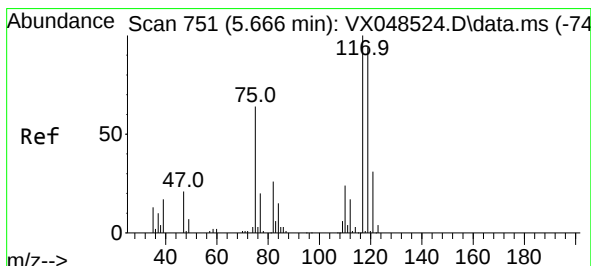
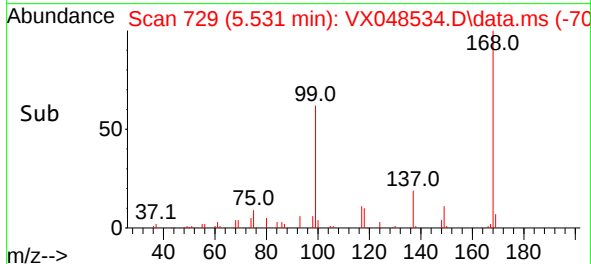
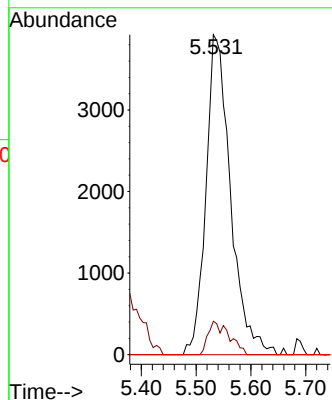
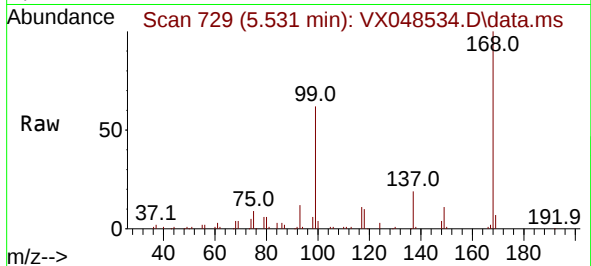




#36
1,1-Dichloropropene
Concen: 3.837 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

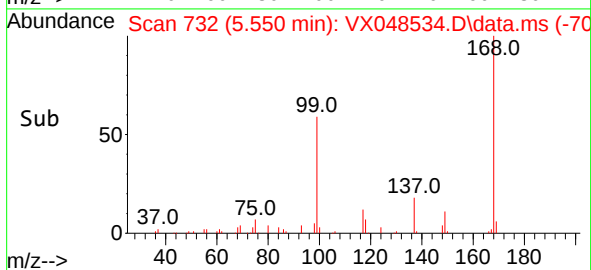
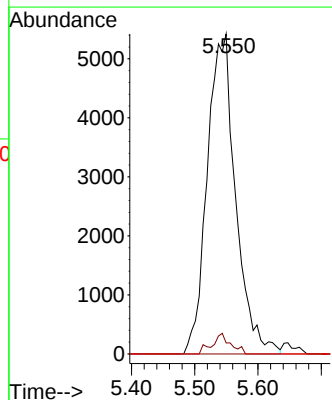
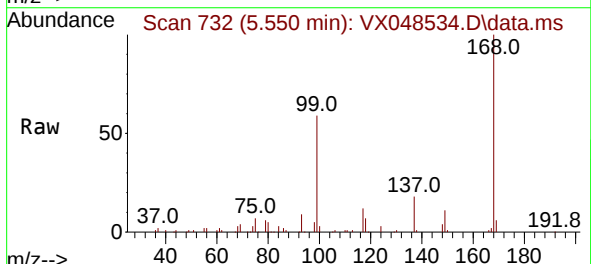
Instrument :
MSVOA_X
ClientSampleId :

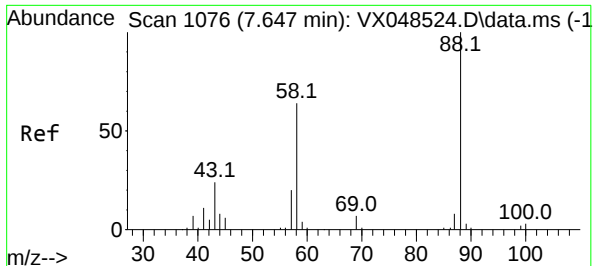
Tgt Ion: 75 Resp: 12220
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.654 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.116 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 117 Resp: 16871
Ion Ratio Lower Upper
117 100
119 3.4 74.5 111.7#
121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 0.586 ug/l

RT: 7.385 min Scan# 1076

Delta R.T. -0.262 min

Lab File: VX048534.D

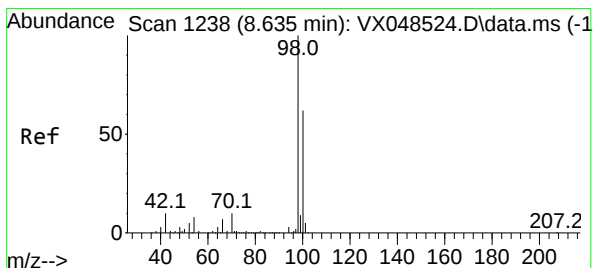
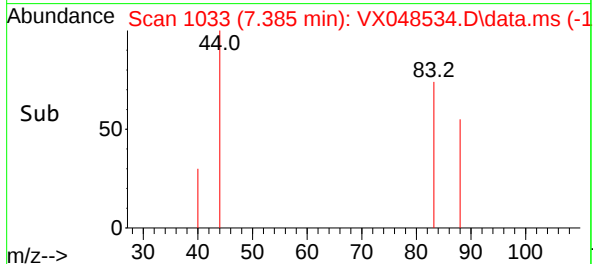
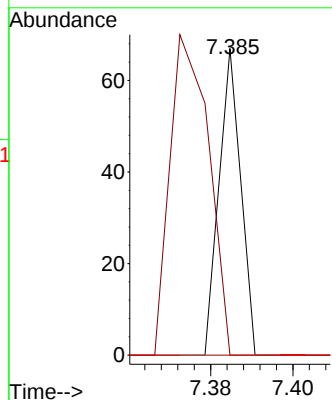
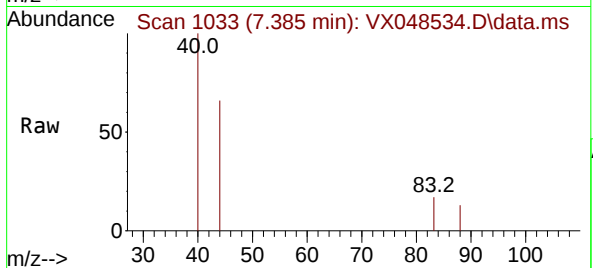
Acq: 10 Nov 2025 13:19

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	25
Ion	Ratio	Lower	Upper
88	100		
43	184.0	25.1	37.7#
58	0.0	56.7	85.1#



#50

Toluene-d8

Concen: 48.497 ug/l

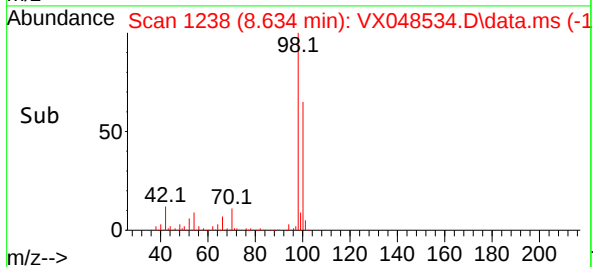
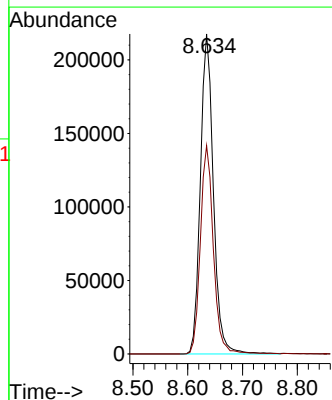
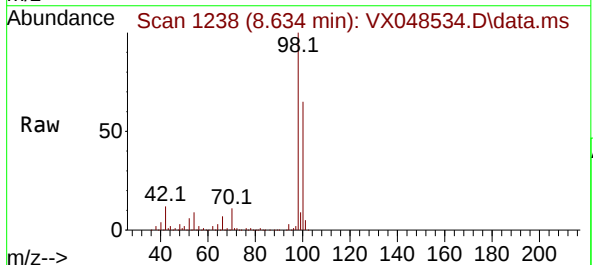
RT: 8.634 min Scan# 1238

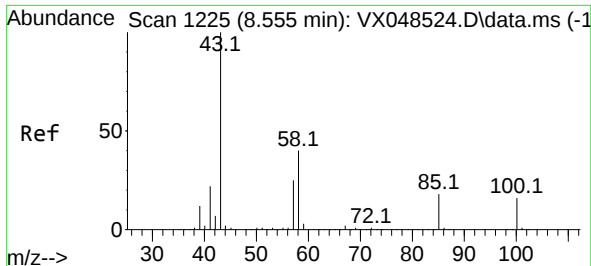
Delta R.T. -0.000 min

Lab File: VX048534.D

Acq: 10 Nov 2025 13:19

Tgt Ion:	98	Resp:	359693
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.6	80.4

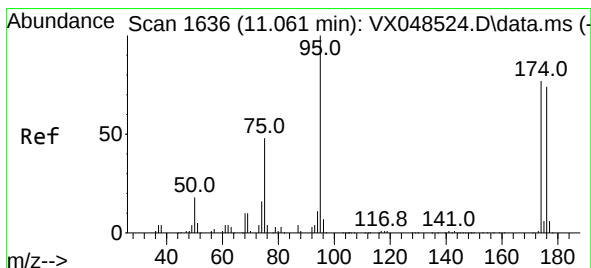
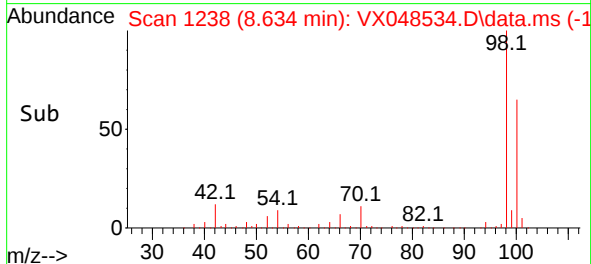
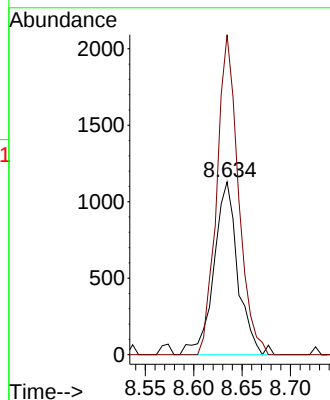
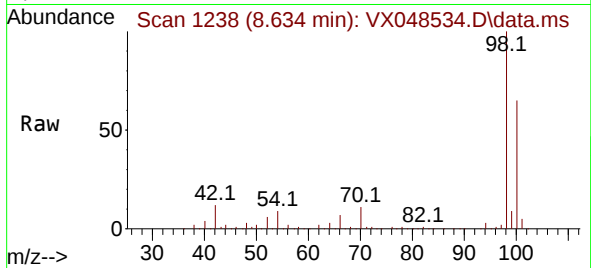




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

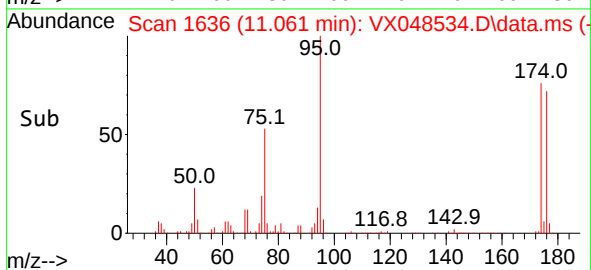
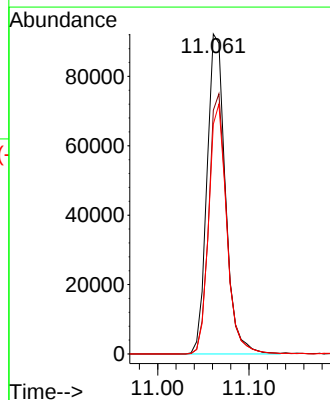
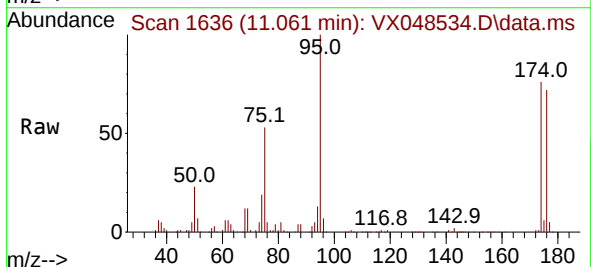
Instrument :
MSVOA_X
ClientSampleId :

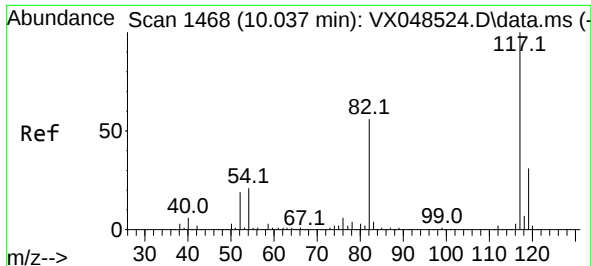
Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 167.1 32.3 48.5#



#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

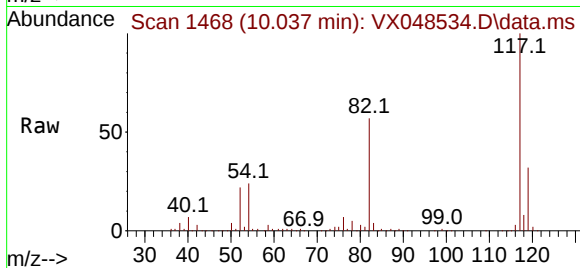
Tgt Ion: 95 Resp: 128809
Ion Ratio Lower Upper
95 100
174 79.1 0.0 161.8
176 76.6 0.0 153.6



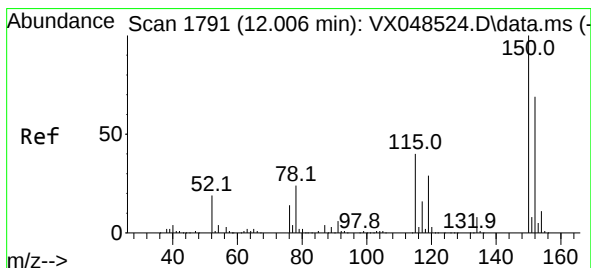
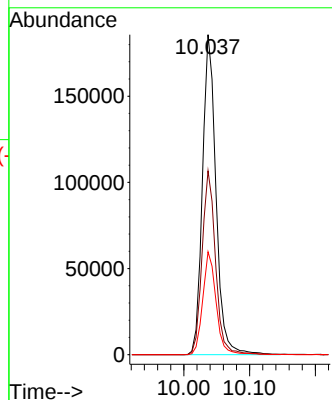
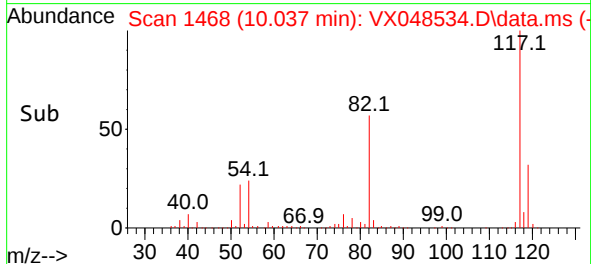


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :

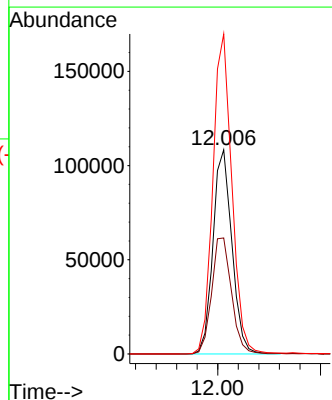
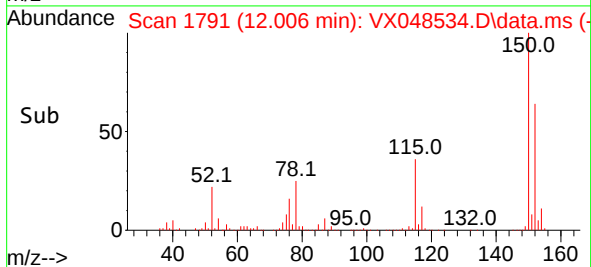
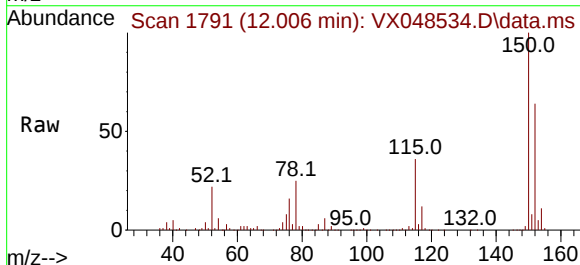


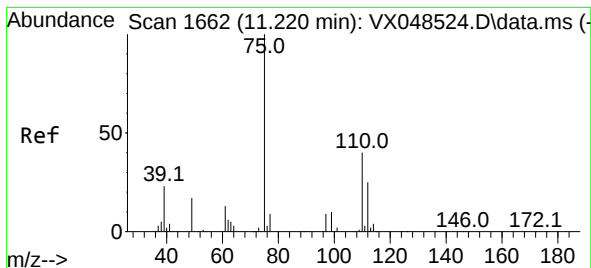
Tgt Ion:117 Resp: 266311
Ion Ratio Lower Upper
117 100
82 57.4 44.4 66.6
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:152 Resp: 138516
Ion Ratio Lower Upper
152 100
115 59.4 39.2 117.6
150 156.9 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.642 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048534.D

Acq: 10 Nov 2025 13:19

Instrument :

MSVOA_X

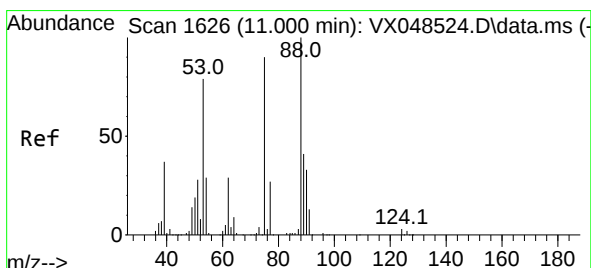
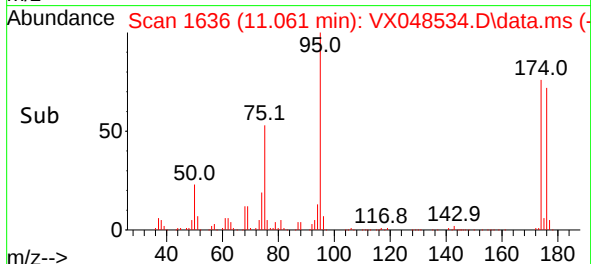
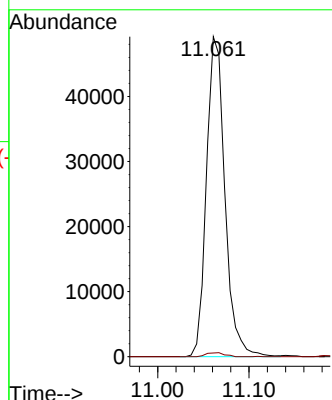
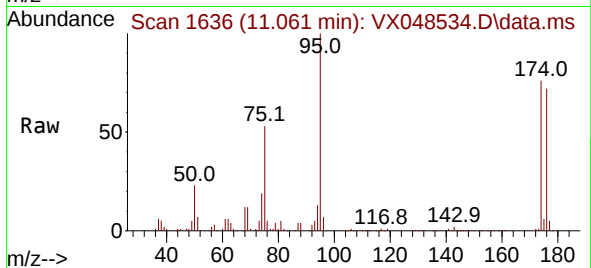
ClientSampleId :

Tgt Ion: 75 Resp: 68885

Ion Ratio Lower Upper

75 100

77 1.2 24.3 72.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.044 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048534.D

Acq: 10 Nov 2025 13:19

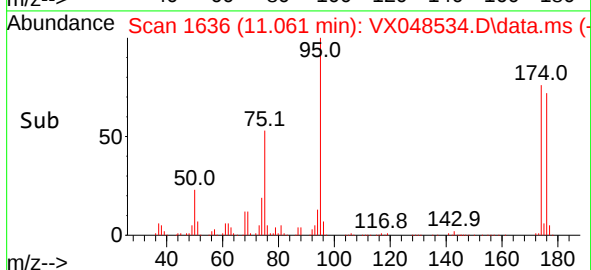
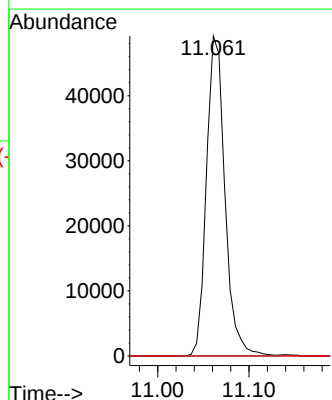
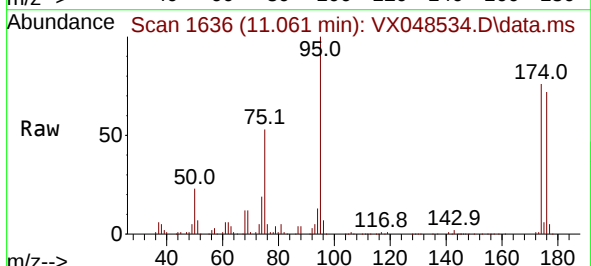
Tgt Ion: 75 Resp: 68885

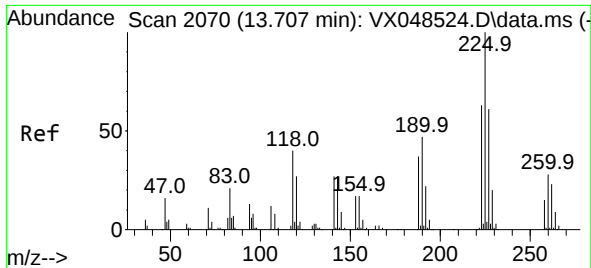
Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

89 0.0 43.6 65.4#





#94

Hexachlorobutadiene

Concen: 0.217 ug/l

RT: 13.707 min Scan# 20

Delta R.T. -0.000 min

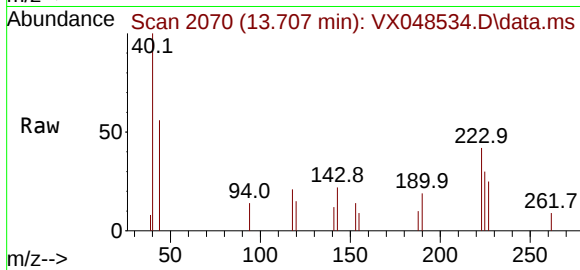
Lab File: VX048534.D

Acq: 10 Nov 2025 13:19

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	225	Resp:	281
Ion	Ratio	Lower	Upper
225	100		
223	71.5	30.6	92.0
227	79.4	32.5	97.4

