

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048883.D
 Acq On : 15 Dec 2025 17:05
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 16 00:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	157897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	87057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99367	46.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.780%
35) Dibromofluoromethane	5.373	113	84012	47.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.635	98	304124	49.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.061	95	88996	41.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.680%

Target Compounds						Qvalue
3) Chloromethane	1.301	50	700	0.345	ug/l #	78
5) Bromomethane	1.630	94	745	0.558	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	811	0.451	ug/l #	84
10) Methyl Iodide	2.465	142	2128	0.832	ug/l #	95
13) Acrolein	2.233	56	147	40.551	ug/l #	64
15) Acrylonitrile	3.068	53	316	0.296	ug/l #	67
16) Acetone	2.380	43	803	0.990	ug/l #	78
17) Carbon Disulfide	2.520	76	3526	0.662	ug/l	99
20) Methylene Chloride	2.794	84	710	0.350	ug/l #	78
23) Vinyl Acetate	3.733	43	1491	0.308	ug/l #	70
27) cis-1,2-Dichloroethene	4.483	96	20183	9.558	ug/l	98
31) Cyclohexane	5.538	56	3474	1.213	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	12761	5.295	ug/l #	48
38) Carbon Tetrachloride	5.544	117	15577	5.706	ug/l #	13
44) Trichloroethene	7.110	130	48729	26.140	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	758	0.280	ug/l #	76
59) 2-Hexanone	9.433	43	617	0.325	ug/l #	43
64) Tetrachloroethene	9.256	164	1100	0.709	ug/l	86
68) m/p-Xylenes	10.287	106	873	0.295	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	45203	27.878	ug/l #	30
77) Bromobenzene	11.183	156	399	0.255	ug/l	90
78) n-propylbenzene	11.287	91	2476	0.364	ug/l	99
79) 2-Chlorotoluene	11.348	91	1106	0.267	ug/l	86
80) 1,3,5-Trimethylbenzene	11.433	105	1106	0.229	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.061	75	45203	66.221	ug/l #	3
82) 4-Chlorotoluene	11.445	91	1657	0.343	ug/l	96
83) tert-Butylbenzene	11.695	119	1084	0.216	ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	1223	0.251	ug/l	97
85) sec-Butylbenzene	11.872	105	2078	0.342	ug/l	92
86) p-Isopropyltoluene	11.994	119	1954	0.376	ug/l	88
87) 1,3-Dichlorobenzene	11.957	146	1129	0.391	ug/l	91
88) 1,4-Dichlorobenzene	11.957	146	1129	0.378	ug/l	89
89) n-Butylbenzene	12.317	91	3042	0.626	ug/l	97
90) Hexachloroethane	12.518	117	249	0.235	ug/l	74
91) 1,2-Dichlorobenzene	12.323	146	888	0.317	ug/l	95
93) 1,2,4-Trichlorobenzene	13.573	180	1520	0.822	ug/l	97

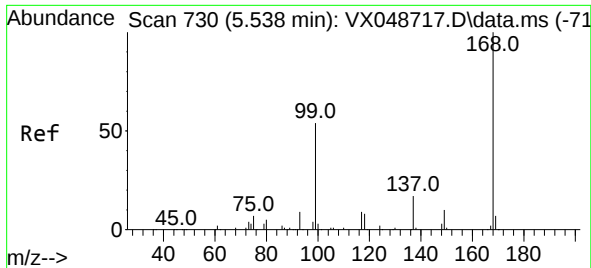
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
Data File : VX048883.D
Acq On : 15 Dec 2025 17:05
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Dec 16 00:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.701	225	948	1.240	ug/l	94
95) Naphthalene	13.762	128	2832	Below Cal	#	94
96) 1,2,3-Trichlorobenzene	13.938	180	1474	0.865	ug/l	95

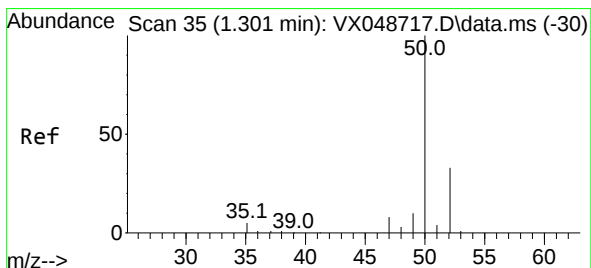
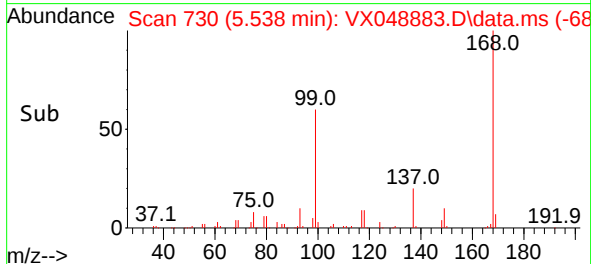
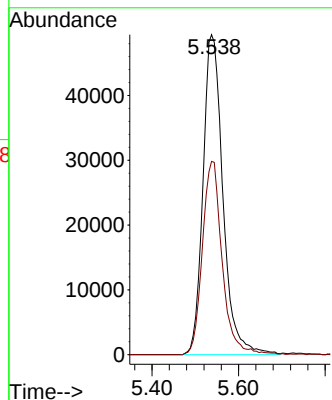
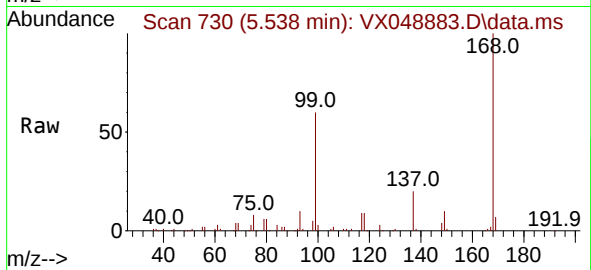
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

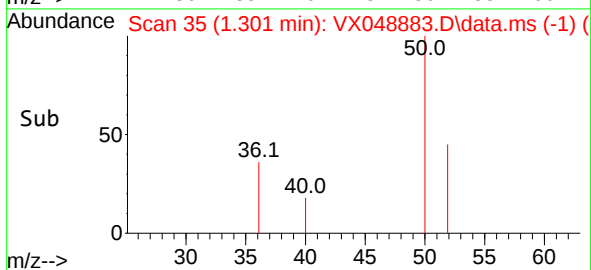
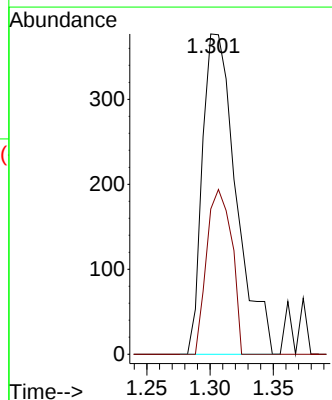
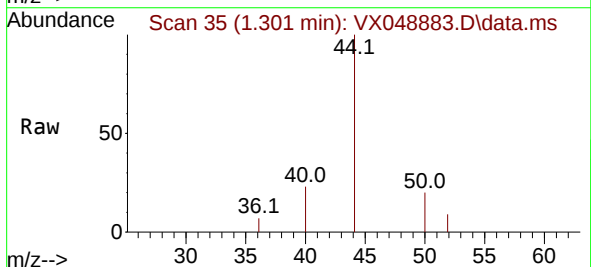
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

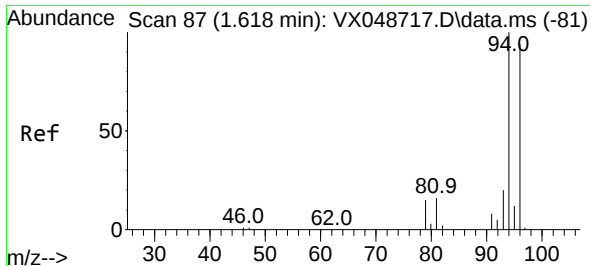
Tgt Ion:168 Resp: 157897
Ion Ratio Lower Upper
168 100
99 60.4 44.2 66.4



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 50 Resp: 700
Ion Ratio Lower Upper
50 100
52 45.4 26.4 39.6#

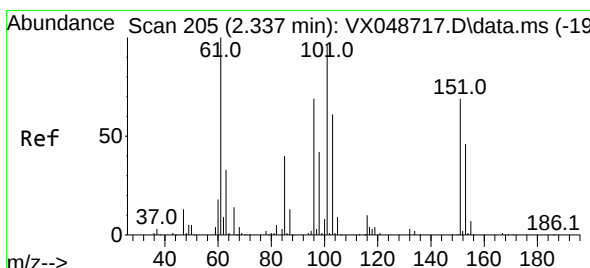
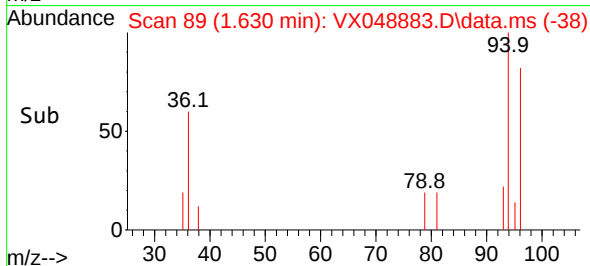
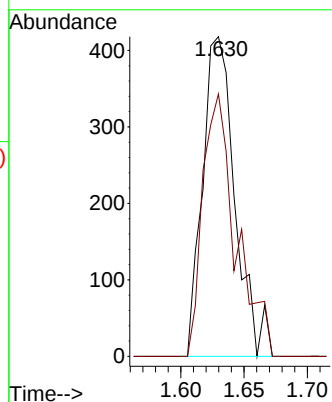
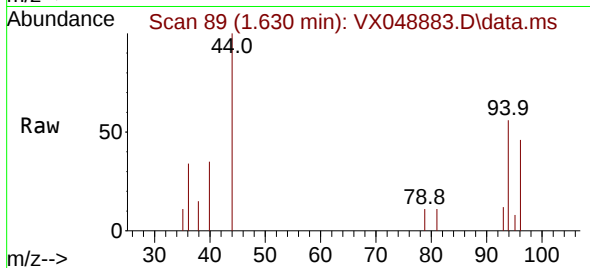




#5
Bromomethane
Concen: 0.558 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

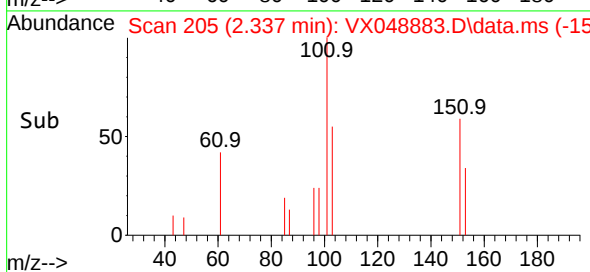
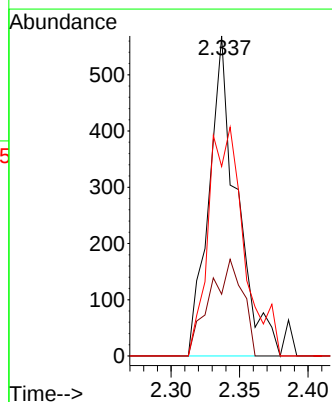
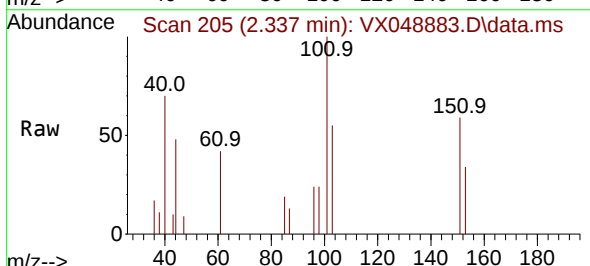
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

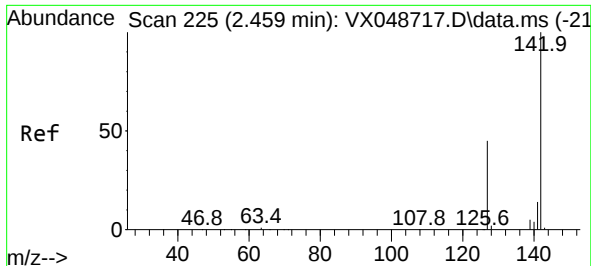
Tgt Ion: 94 Resp: 745
Ion Ratio Lower Upper
94 100
96 82.1 75.2 112.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.451 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

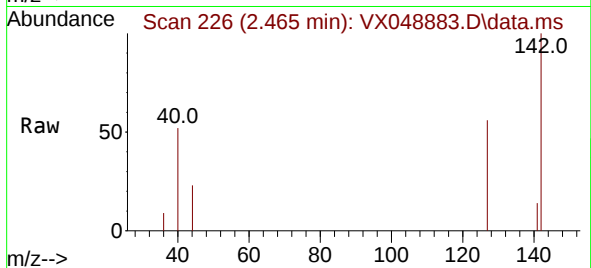
Tgt Ion: 101 Resp: 811
Ion Ratio Lower Upper
101 100
85 35.4 34.2 51.2
151 90.5 60.2 90.4#



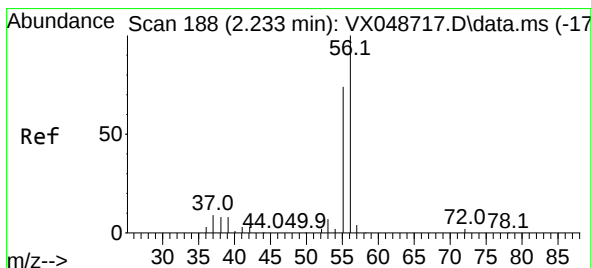
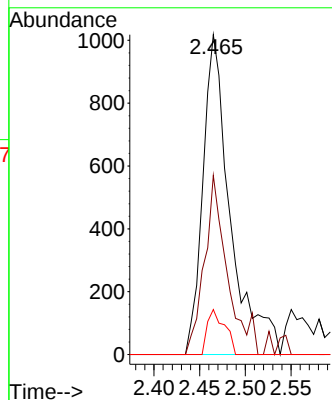
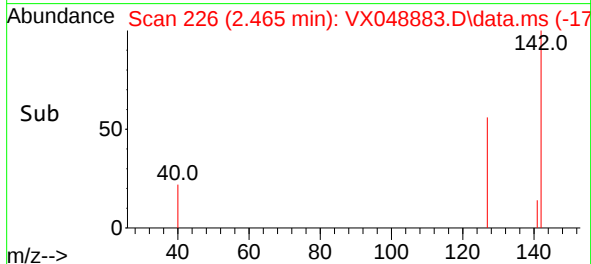


#10
Methyl Iodide
Concen: 0.832 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

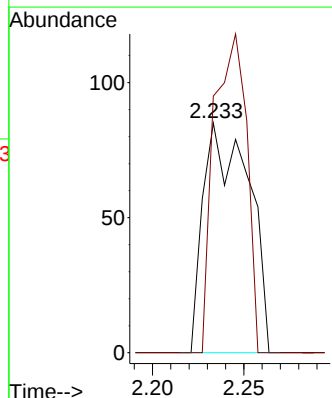
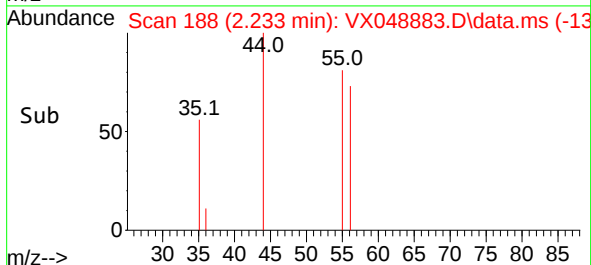
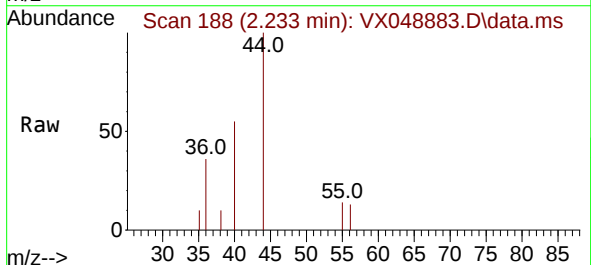


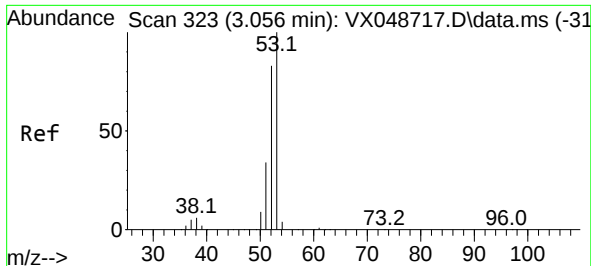
Tgt Ion:142 Resp: 2128
Ion Ratio Lower Upper
142 100
127 46.6 35.8 53.6
141 8.9 11.1 16.7#



#13
Acrolein
Concen: 40.551 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 99.3 55.8 83.6#

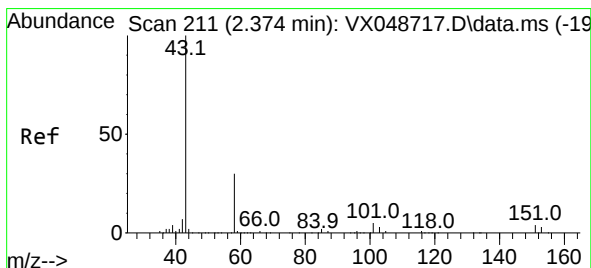
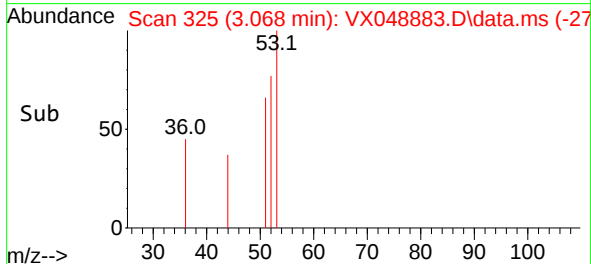
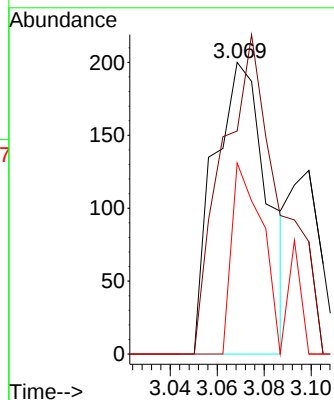
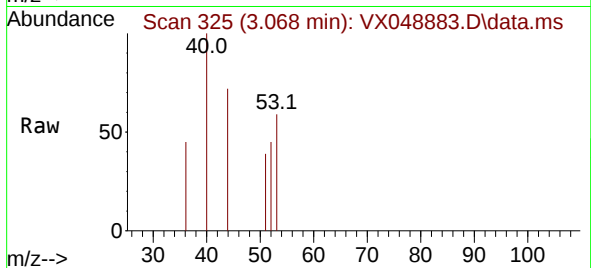




#15
Acrylonitrile
Concen: 0.296 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

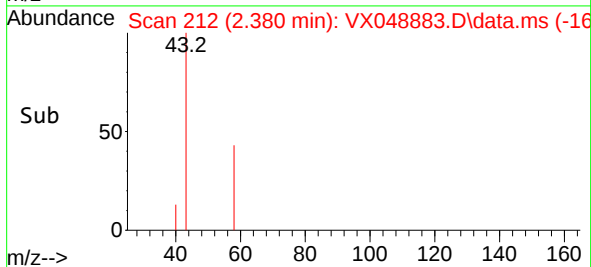
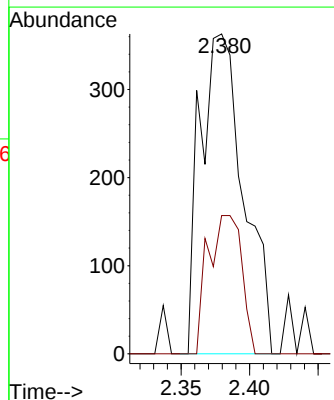
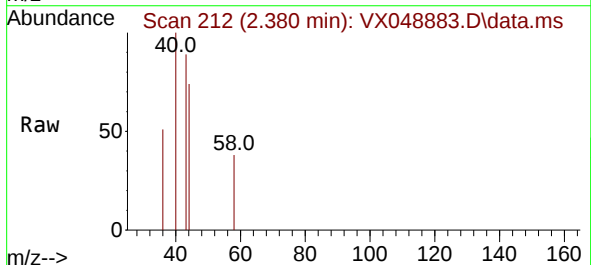
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

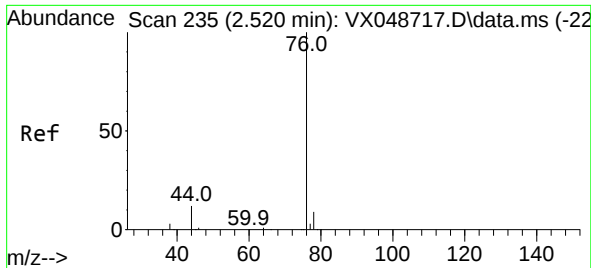
Tgt Ion: 53 Resp: 316
Ion Ratio Lower Upper
53 100
52 118.7 66.3 99.5#
51 46.2 28.7 43.1#



#16
Acetone
Concen: 0.990 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 43.3 25.0 37.4#





#17

Carbon Disulfide

Concen: 0.662 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

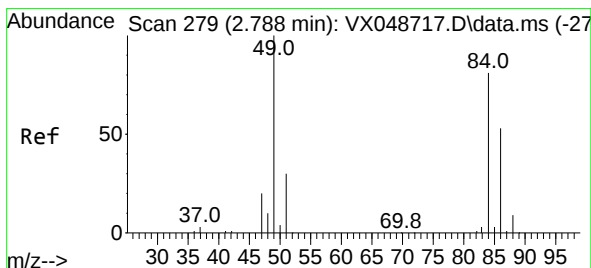
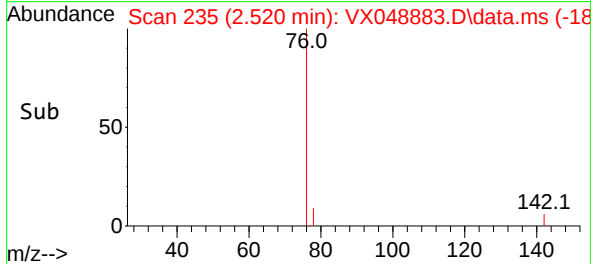
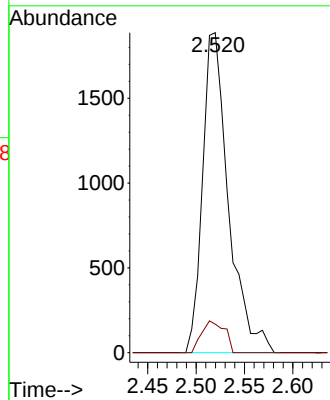
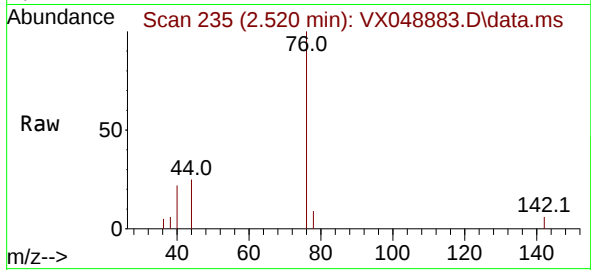
VIBLK

Tgt Ion: 76 Resp: 3526

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Tgt Ion: 84 Resp: 710

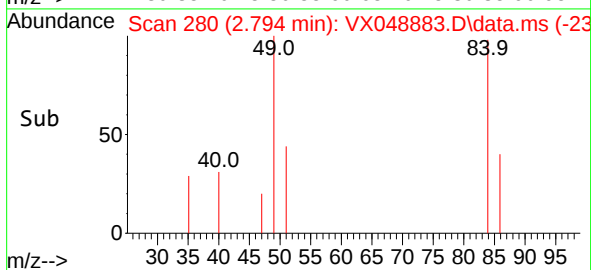
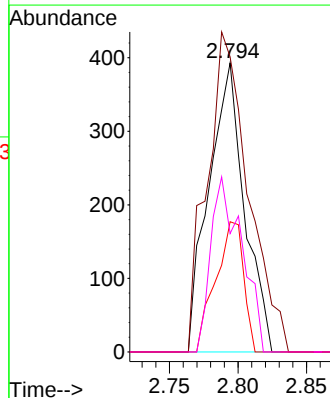
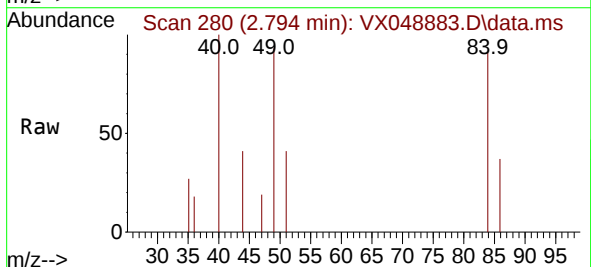
Ion Ratio Lower Upper

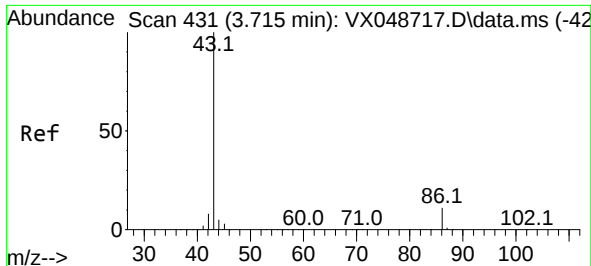
84 100

49 102.0 98.7 148.1

51 45.0 29.4 44.2#

86 41.0 52.5 78.7#

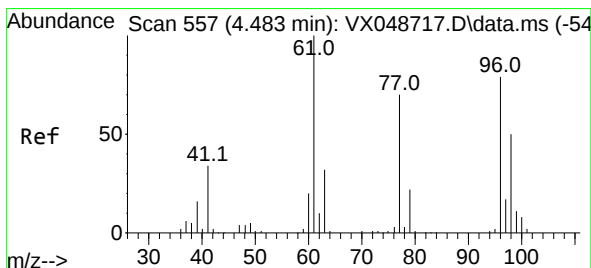
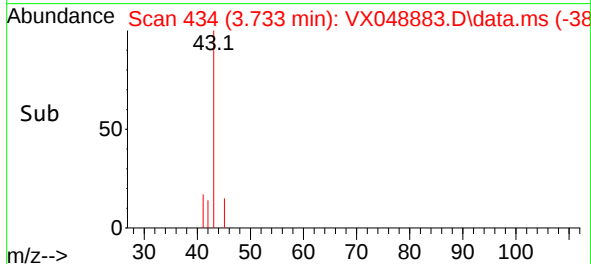
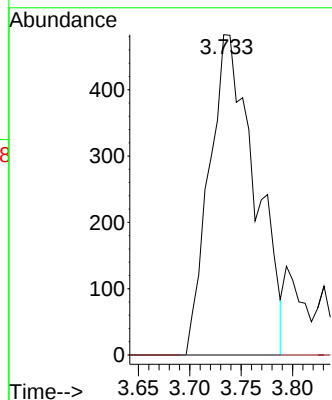
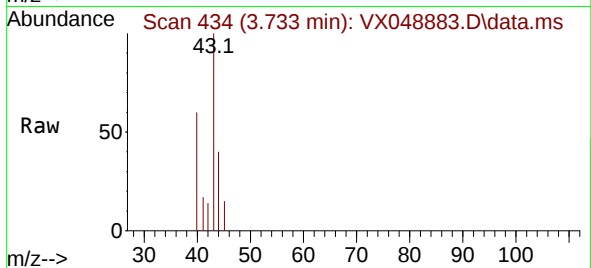




#23
 Vinyl Acetate
 Concen: 0.308 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX048883.D
 Acq: 15 Dec 2025 17:05

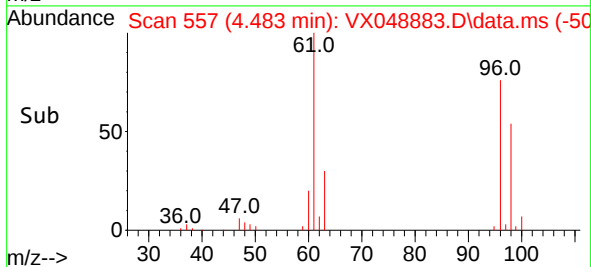
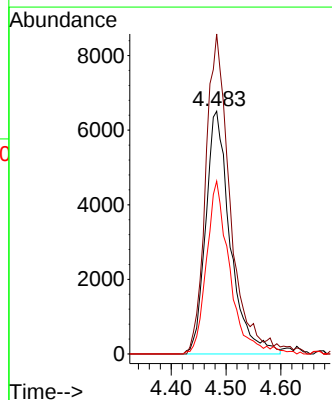
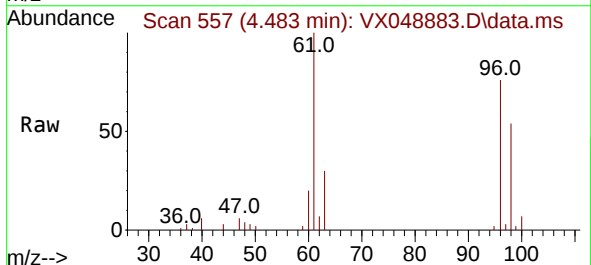
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

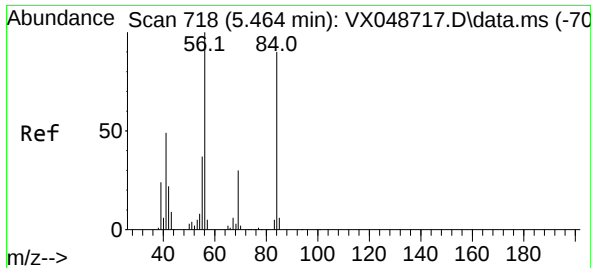
Tgt Ion: 43 Resp: 1491
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.2 13.8#



#27
 cis-1,2-Dichloroethene
 Concen: 9.558 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX048883.D
 Acq: 15 Dec 2025 17:05

Tgt Ion: 96 Resp: 20183
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 271.0
 98 68.0 0.0 130.2

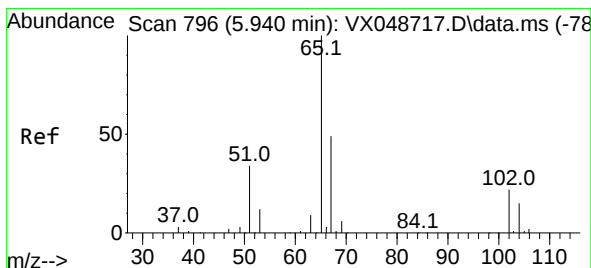
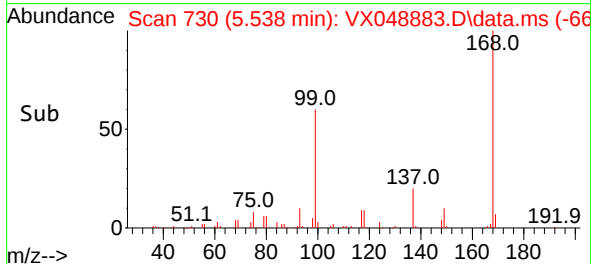
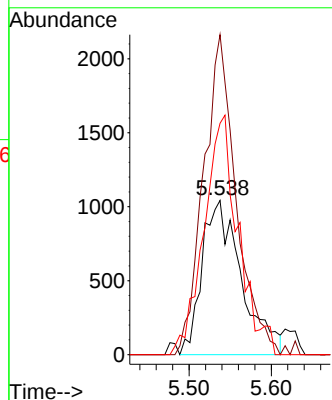
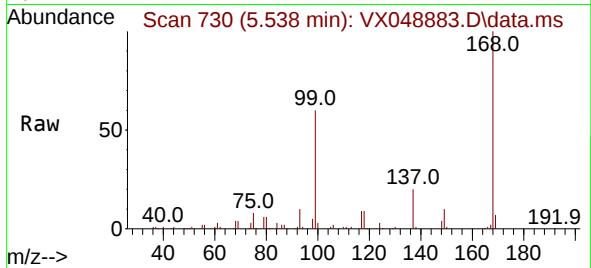




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

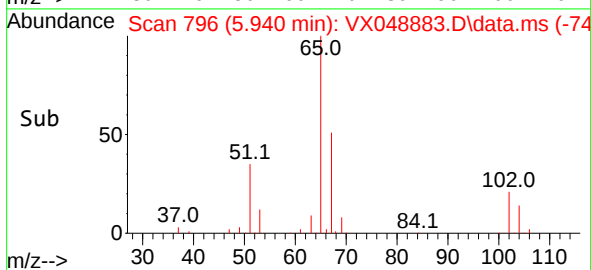
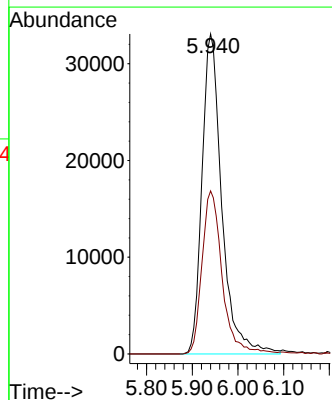
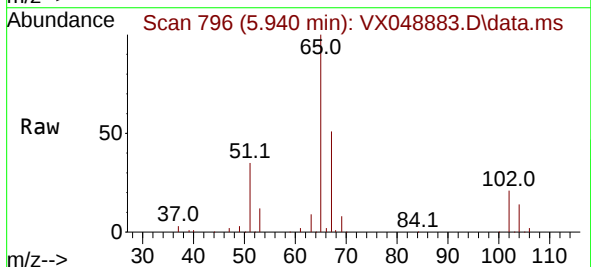
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

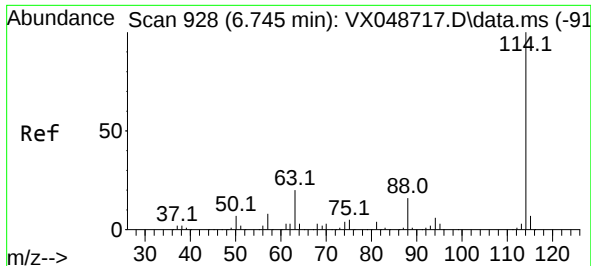
Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 207.4 24.2 36.2#
84 150.0 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 46.887 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 65 Resp: 99367
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

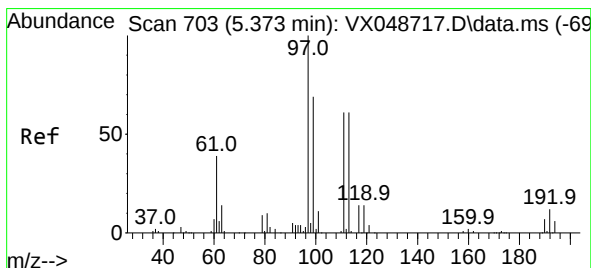
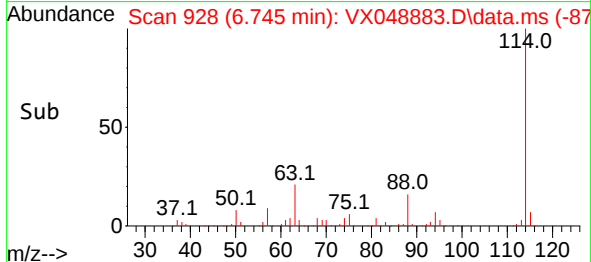
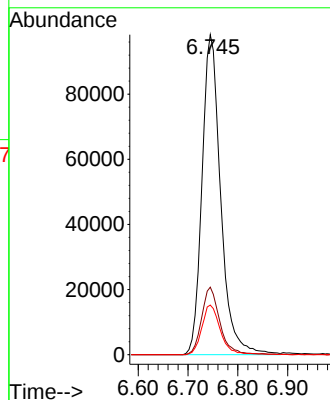
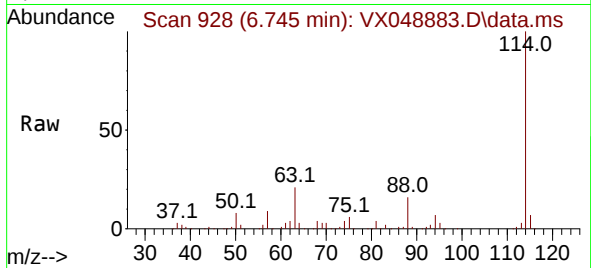




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

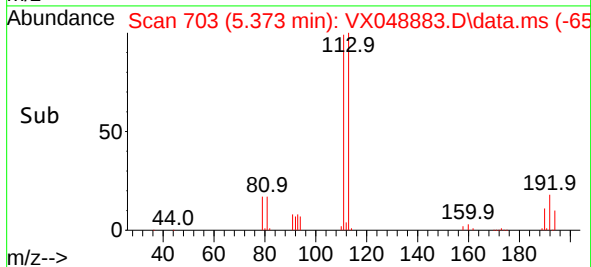
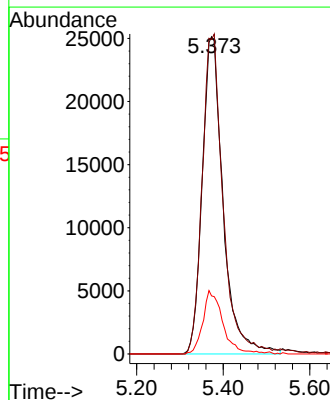
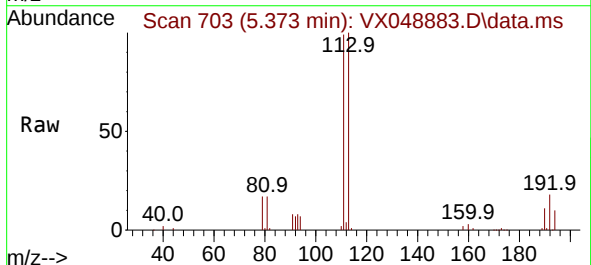
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

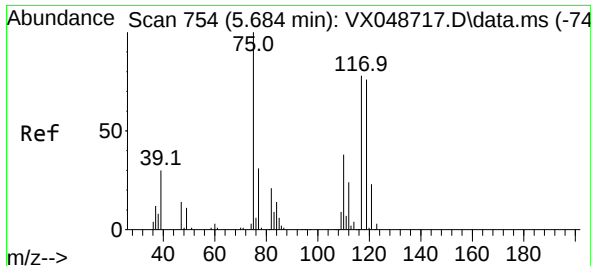
Tgt Ion:114 Resp: 255554
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.745 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:113 Resp: 84012
Ion Ratio Lower Upper
113 100
111 100.1 79.5 119.3
192 19.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.295 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

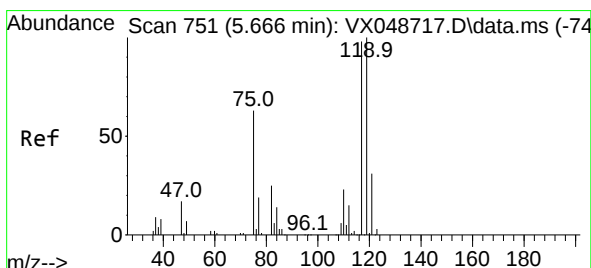
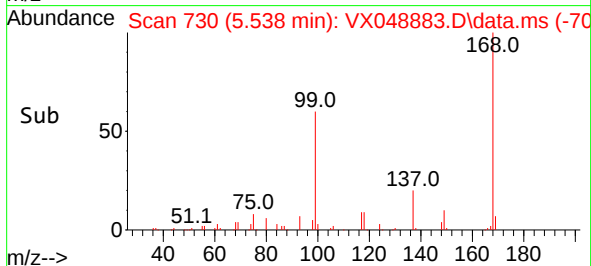
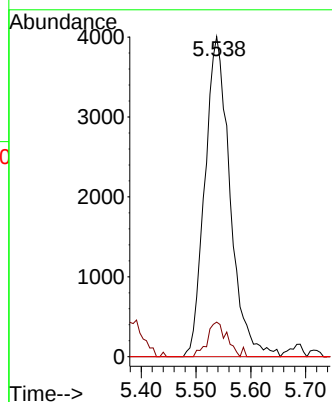
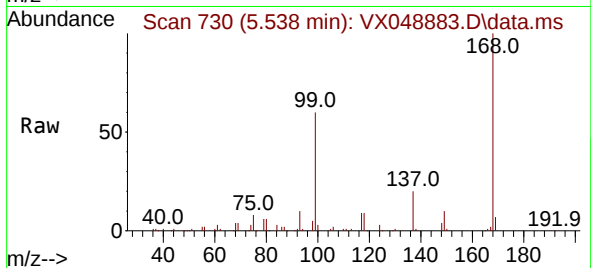
Tgt Ion: 75 Resp: 12761

Ion Ratio Lower Upper

75 100

110 8.3 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.706 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

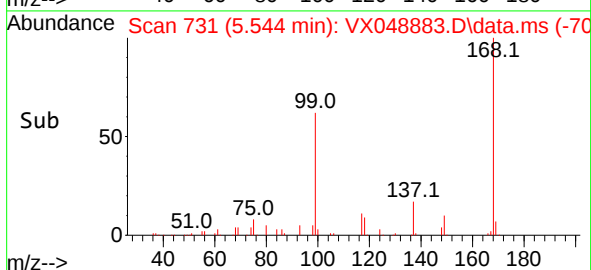
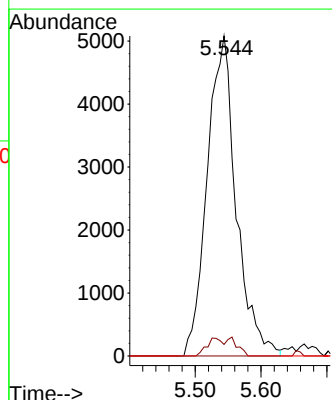
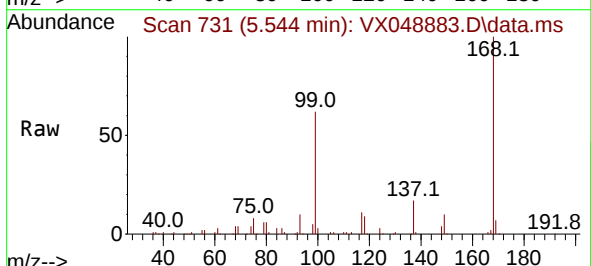
Tgt Ion: 117 Resp: 15577

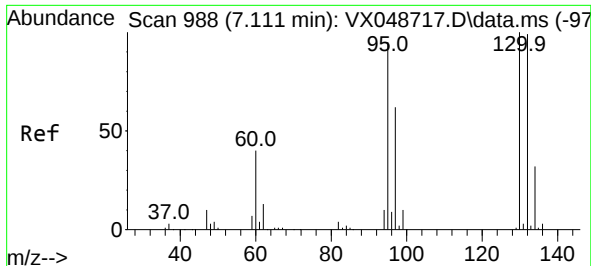
Ion Ratio Lower Upper

117 100

119 3.6 80.5 120.7#

121 0.0 25.4 38.0#

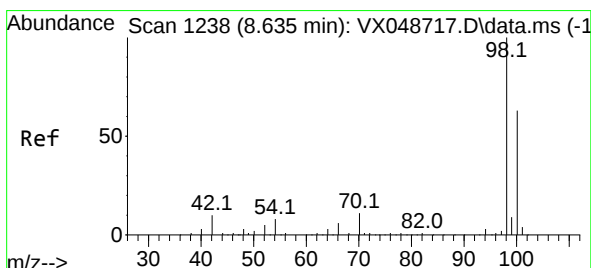
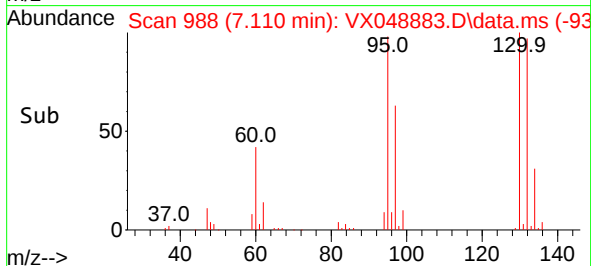
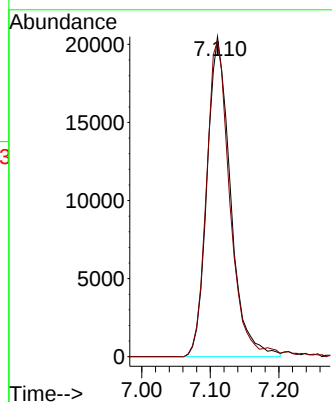
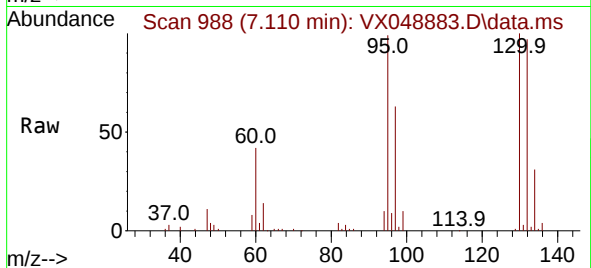




#44
Trichloroethene
Concen: 26.140 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

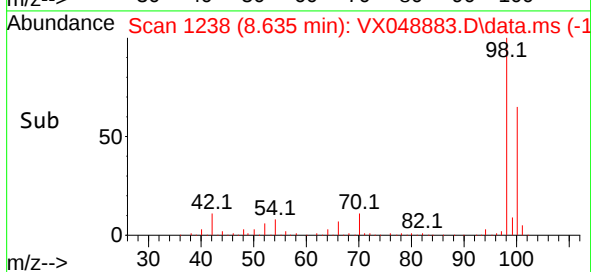
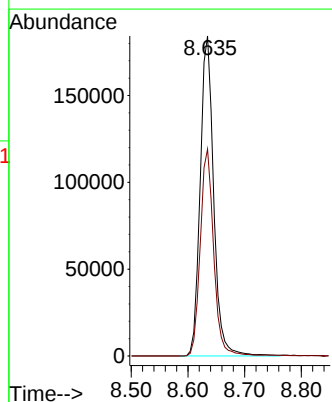
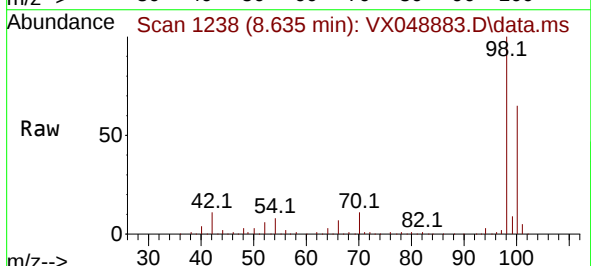
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

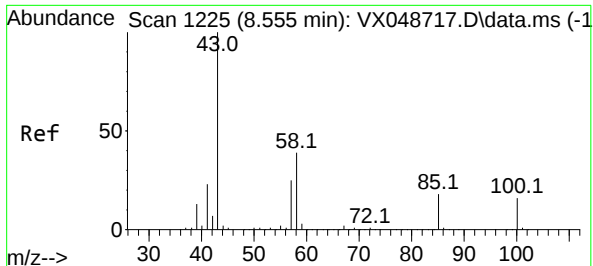
Tgt Ion:130 Resp: 48729
Ion Ratio Lower Upper
130 100
95 98.6 0.0 189.6



#50
Toluene-d8
Concen: 49.307 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 98 Resp: 304124
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.280 ug/l

RT: 8.555 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

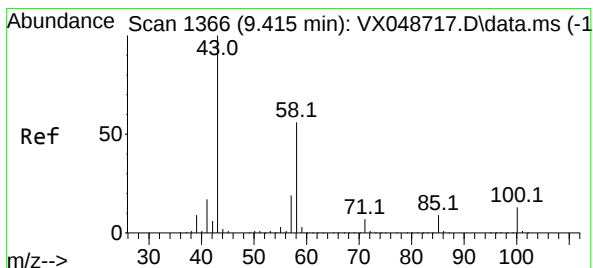
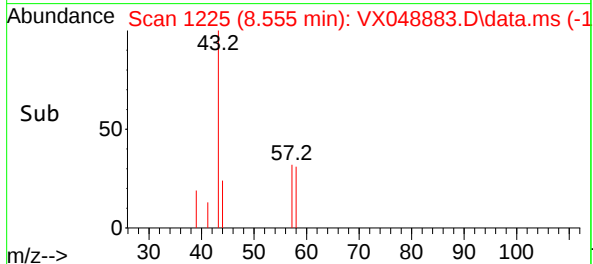
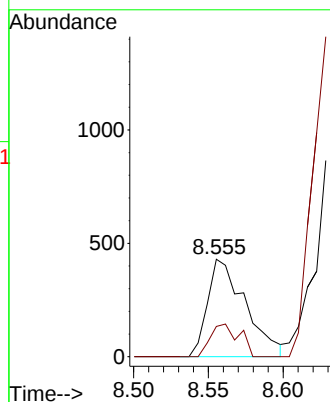
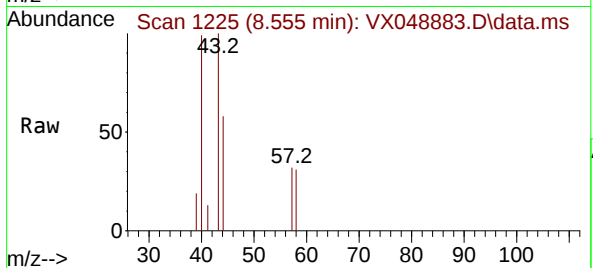
VIBLK

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

58 25.6 32.2 48.4#



#59

2-Hexanone

Concen: 0.325 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.018 min

Lab File: VX048883.D

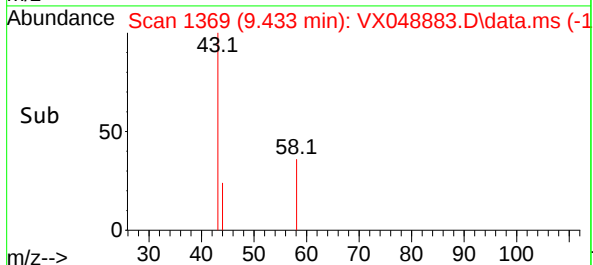
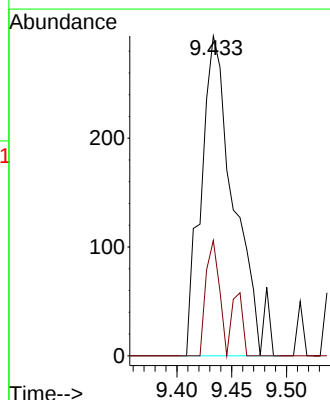
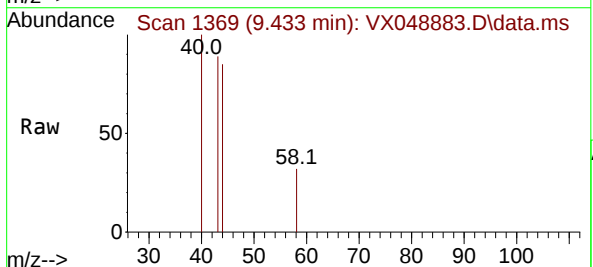
Acq: 15 Dec 2025 17:05

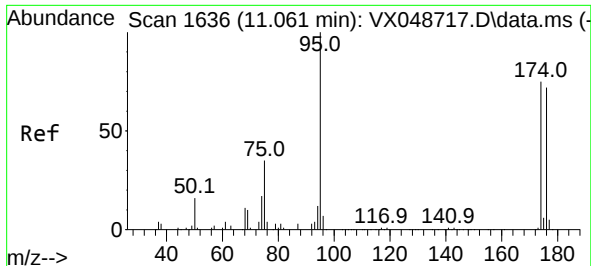
Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 14.4 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 41.843 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

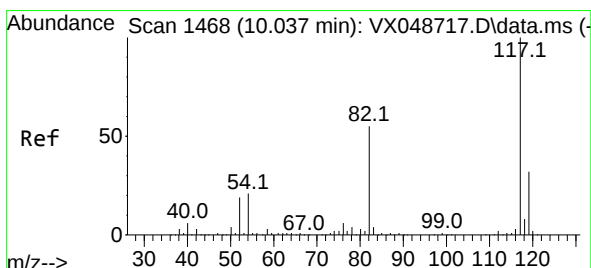
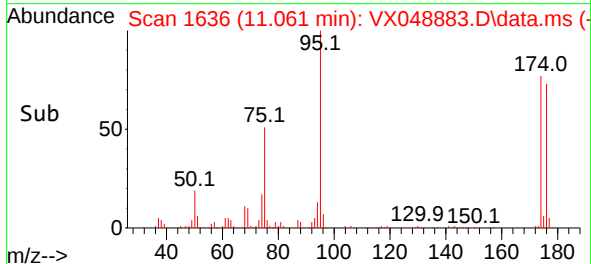
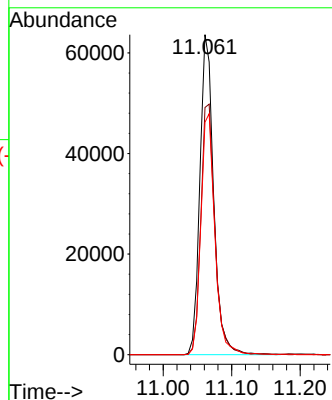
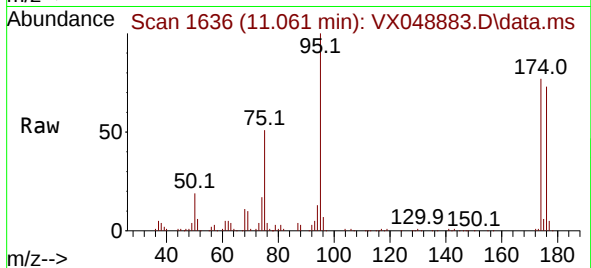
Tgt Ion: 95 Resp: 88996

Ion Ratio Lower Upper

95 100

174 80.4 0.0 157.8

176 76.7 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

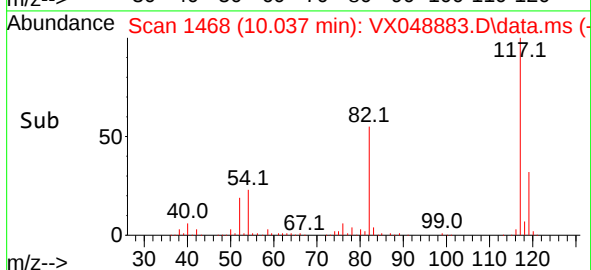
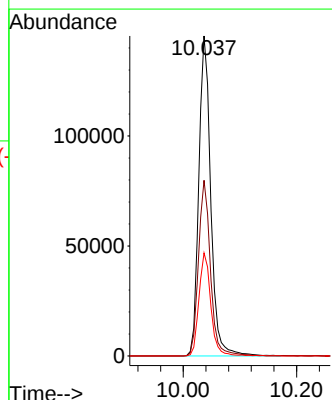
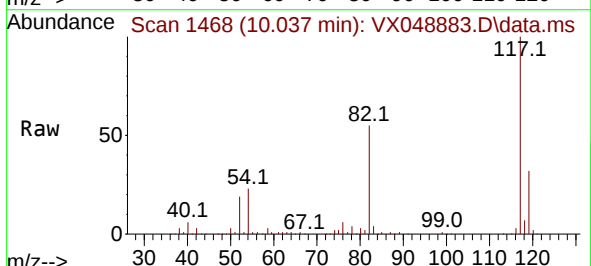
Tgt Ion: 117 Resp: 212833

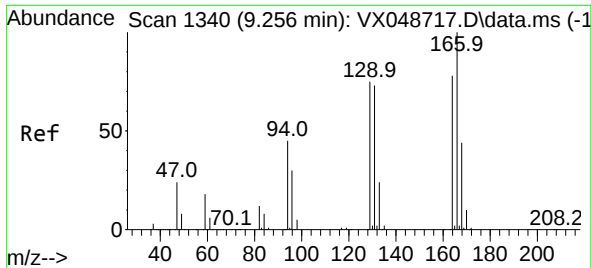
Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

119 32.2 25.2 37.8



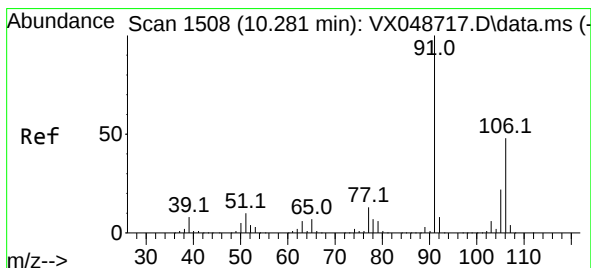
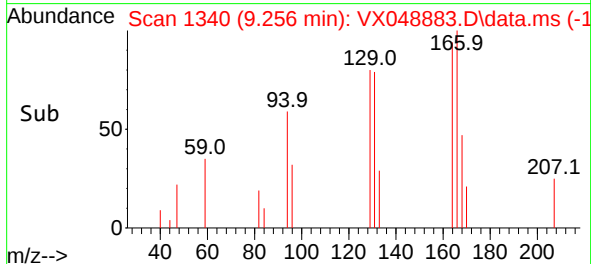
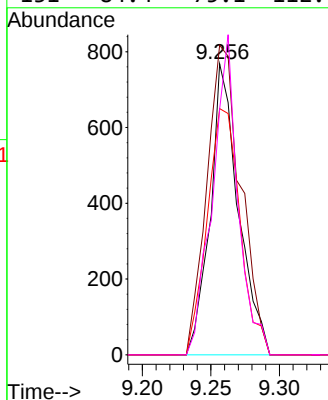
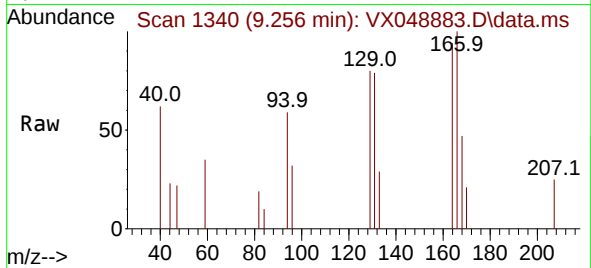


#64
Tetrachloroethene
Concen: 0.709 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 1100

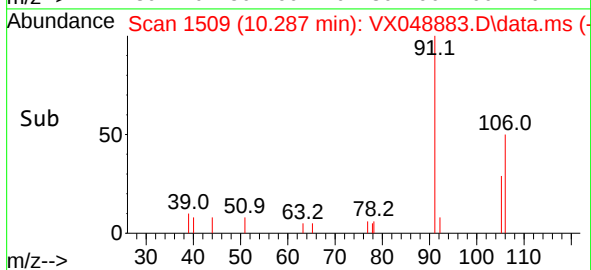
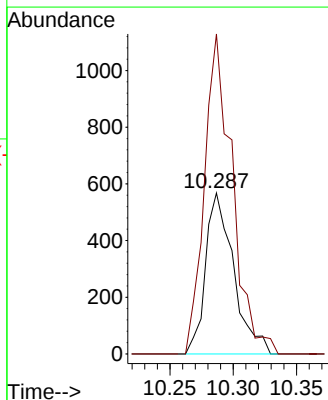
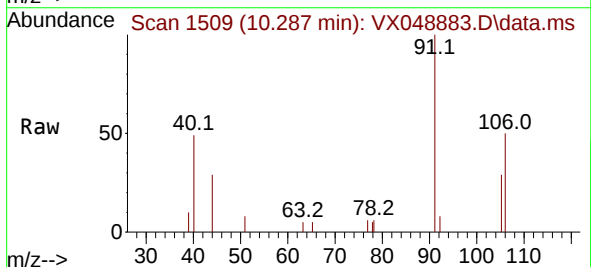
Ion	Ratio	Lower	Upper
164	100		
166	106.4	103.1	154.7
129	84.6	76.9	115.3
131	84.4	75.1	112.7

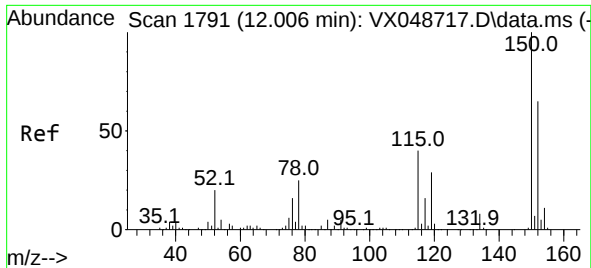


#68
m/p-Xylenes
Concen: 0.295 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:106 Resp: 873

Ion	Ratio	Lower	Upper
106	100		
91	198.5	164.2	246.4

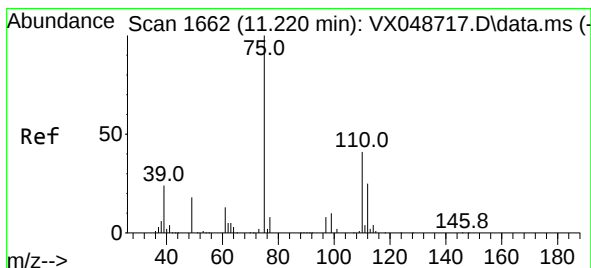
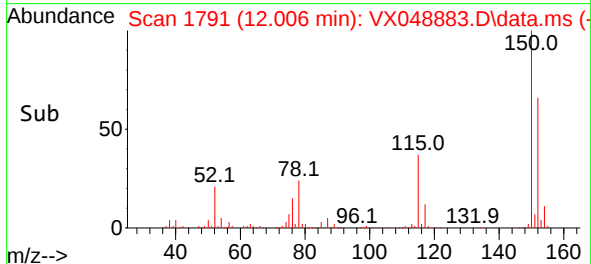
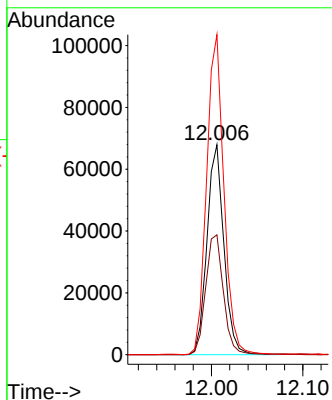
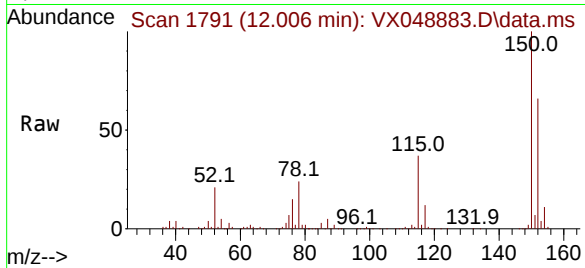




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048883.D
 Acq: 15 Dec 2025 17:05

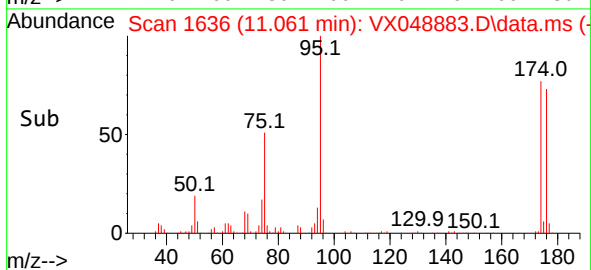
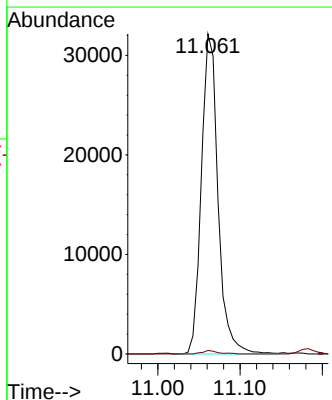
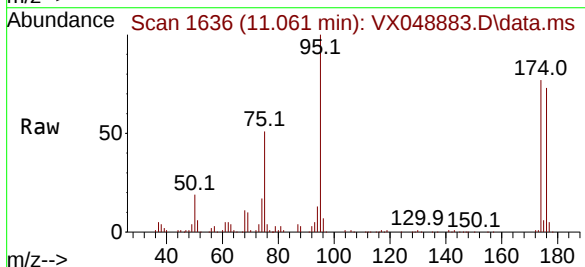
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

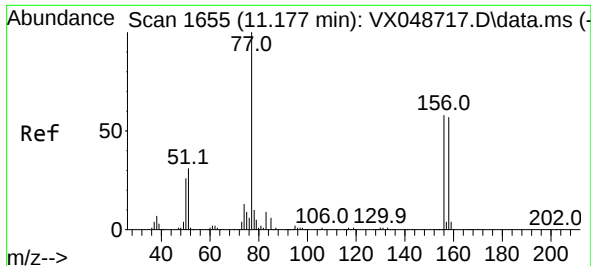
Tgt Ion:152 Resp: 87057
 Ion Ratio Lower Upper
 152 100
 115 60.1 42.1 126.4
 150 155.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 27.878 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048883.D
 Acq: 15 Dec 2025 17:05

Tgt Ion: 75 Resp: 45203
 Ion Ratio Lower Upper
 75 100
 77 1.0 24.3 73.0#

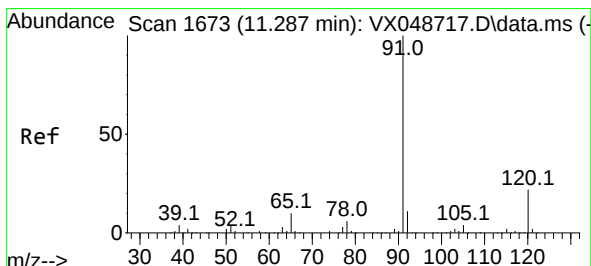
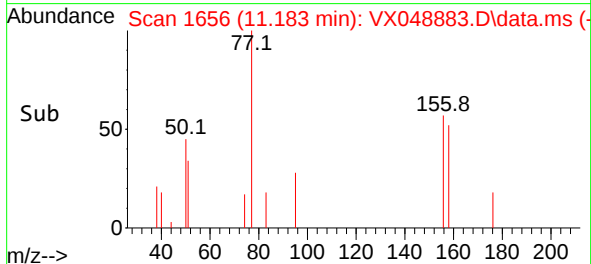
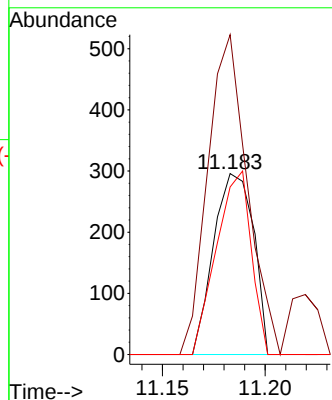
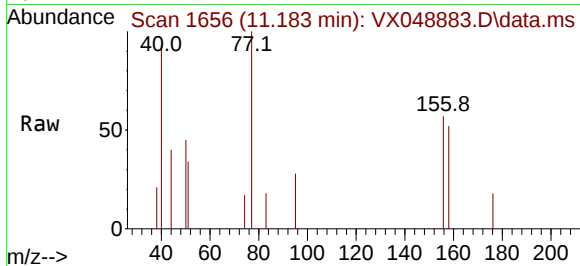




#77
Bromobenzene
Concen: 0.255 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

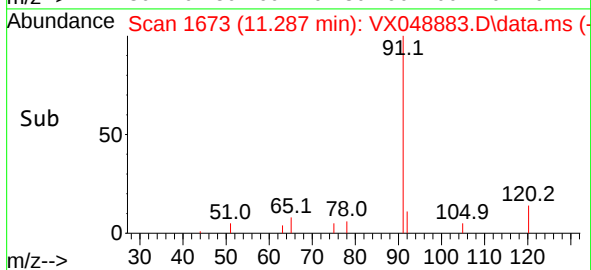
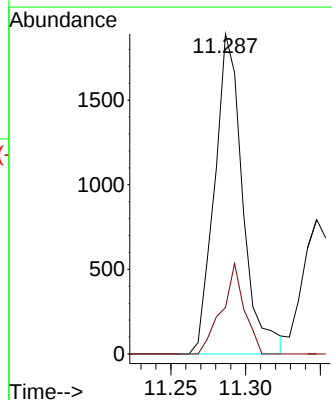
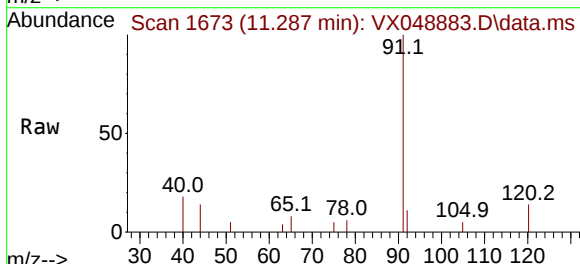
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

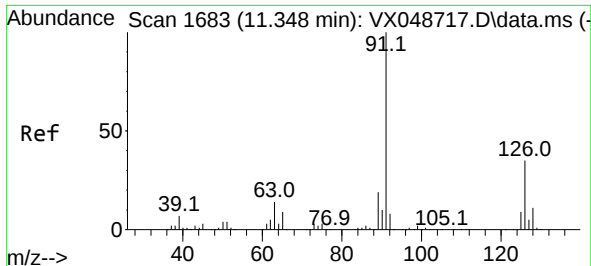
Tgt Ion:	156	Resp:	399
Ion Ratio	Lower	Upper	
156	100		
77	174.9	80.3	240.9
158	88.2	48.9	146.6



#78
n-propylbenzene
Concen: 0.364 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:	91	Resp:	2476
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.4	34.2





#79

2-Chlorotoluene

Concen: 0.267 ug/l

RT: 11.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

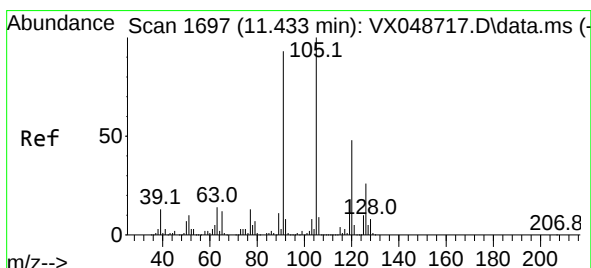
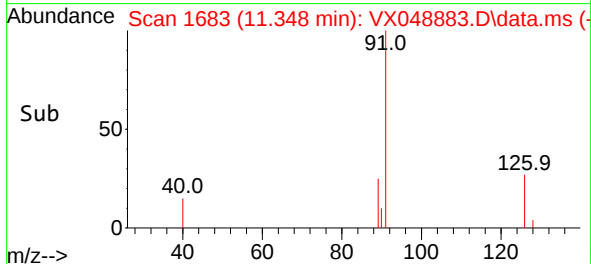
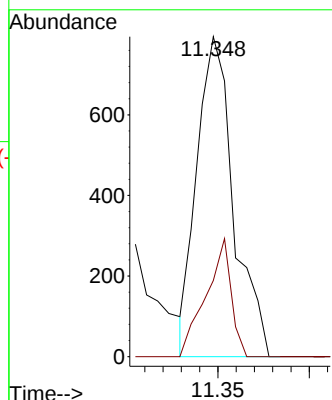
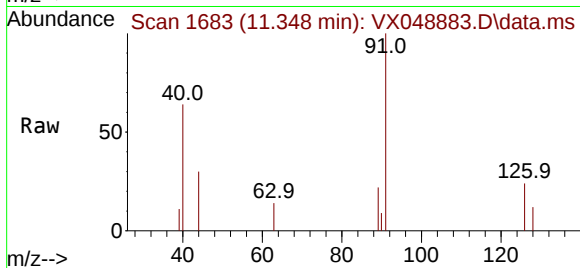
VIBLK

Tgt Ion: 91 Resp: 1106

Ion Ratio Lower Upper

91 100

126 25.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 0.229 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048883.D

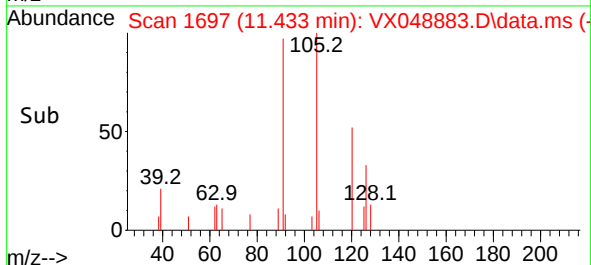
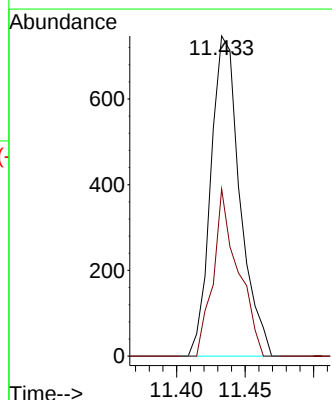
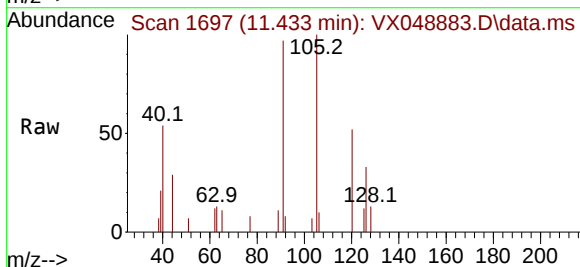
Acq: 15 Dec 2025 17:05

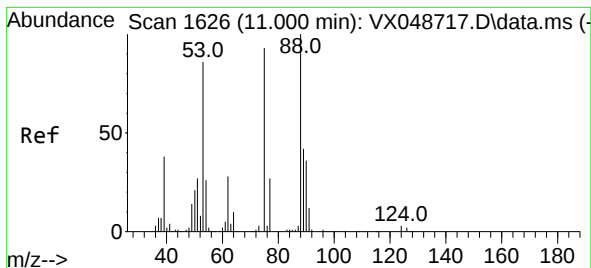
Tgt Ion: 105 Resp: 1106

Ion Ratio Lower Upper

105 100

120 44.2 24.4 73.2

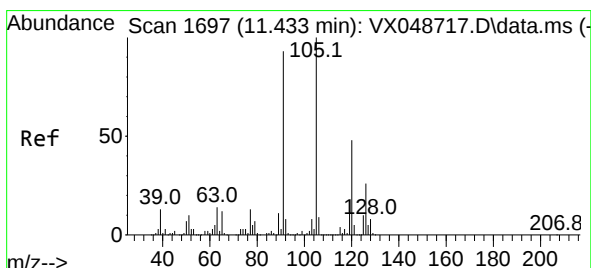
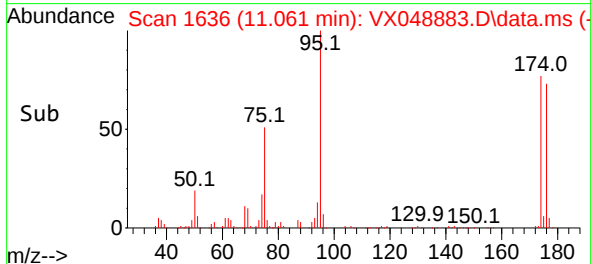
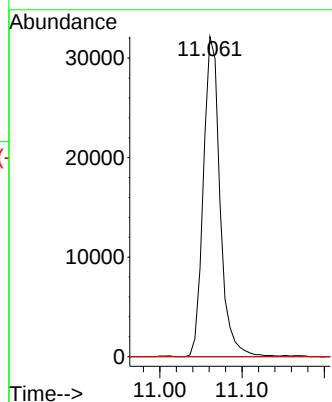
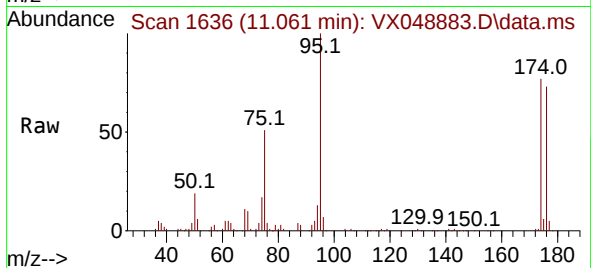




#81
trans-1,4-Dichloro-2-butene
Concen: 66.221 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

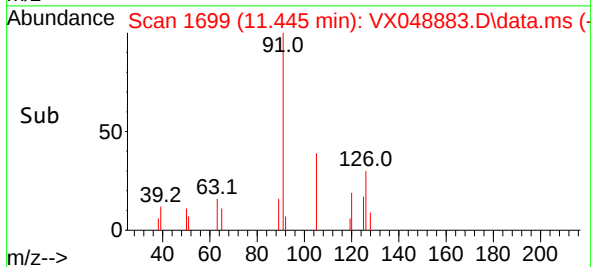
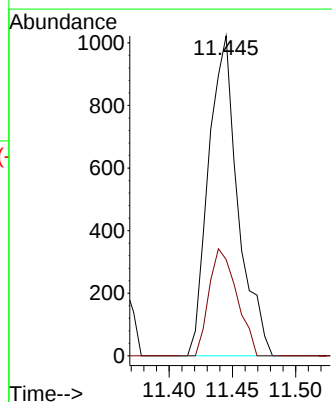
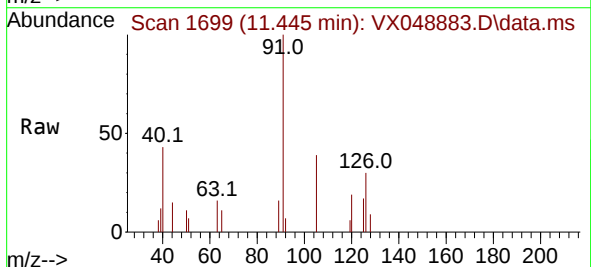
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

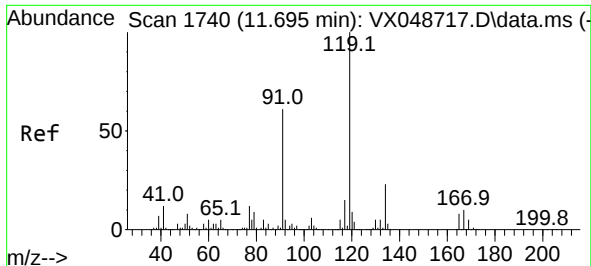
Tgt Ion: 75 Resp: 45203
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#82
4-Chlorotoluene
Concen: 0.343 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 91 Resp: 1657
Ion Ratio Lower Upper
91 100
126 31.5 14.7 44.1

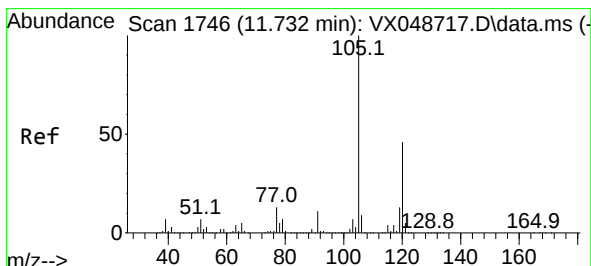
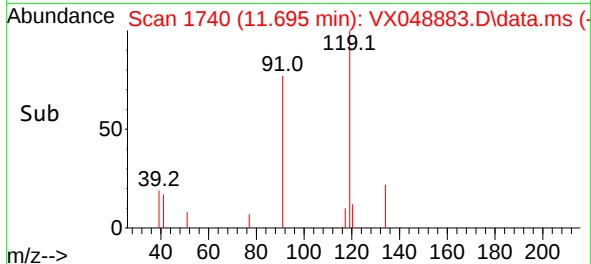
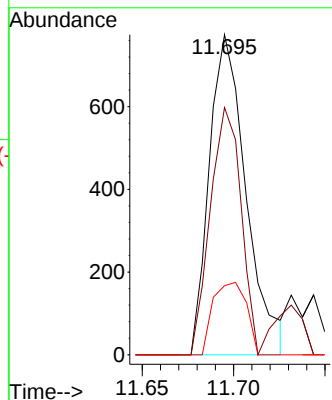
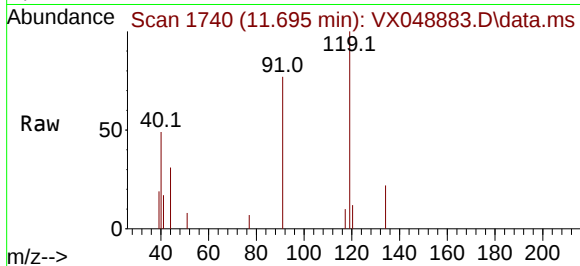




#83
tert-Butylbenzene
Concen: 0.216 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

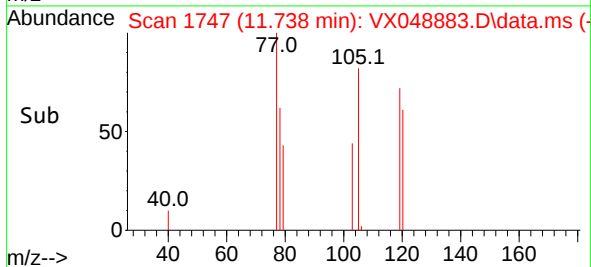
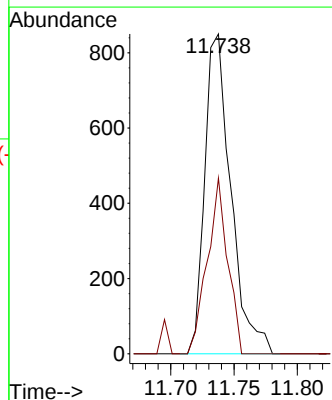
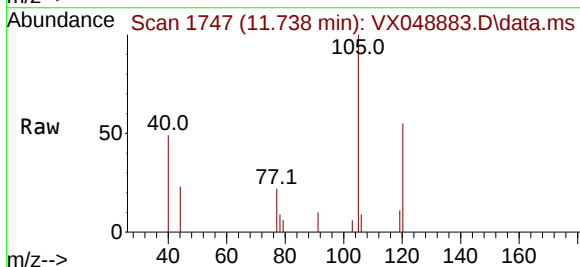
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

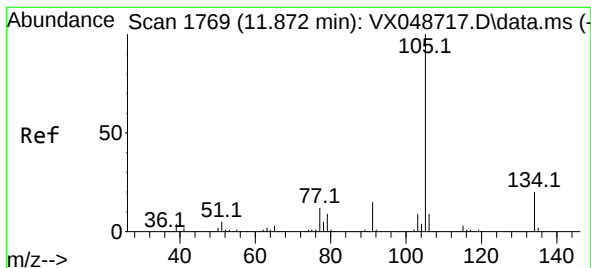
Tgt Ion:	119	Resp:	1084
Ion	Ratio	Lower	Upper
119	100		
91	64.6	28.4	85.2
134	20.5	11.2	33.5



#84
1,2,4-Trimethylbenzene
Concen: 0.251 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:	105	Resp:	1223
Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 0.342 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

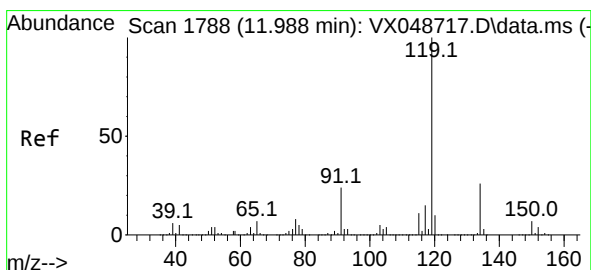
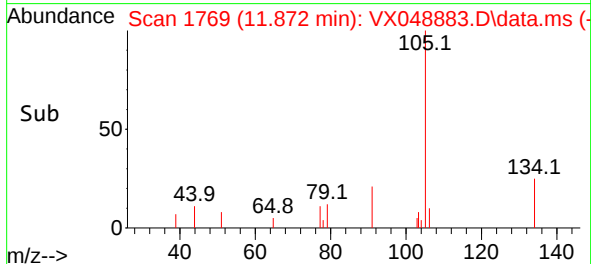
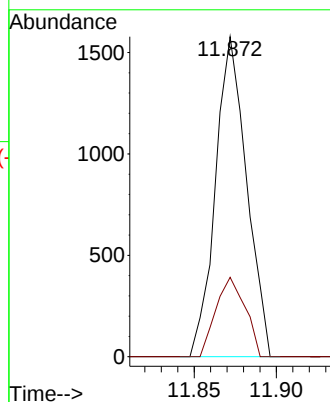
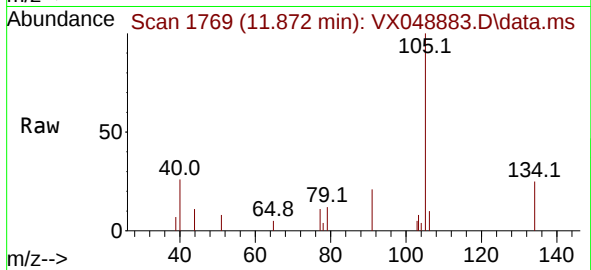
VIBLK

Tgt Ion:105 Resp: 2078

Ion Ratio Lower Upper

105 100

134 23.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.376 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

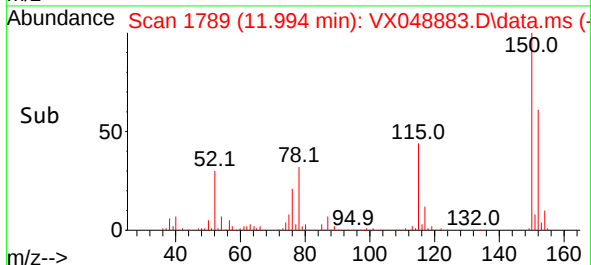
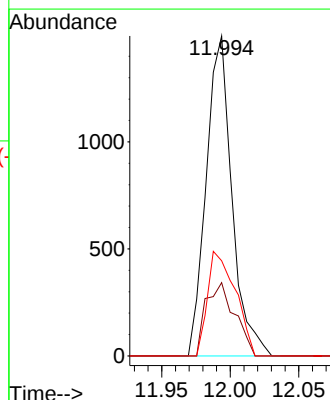
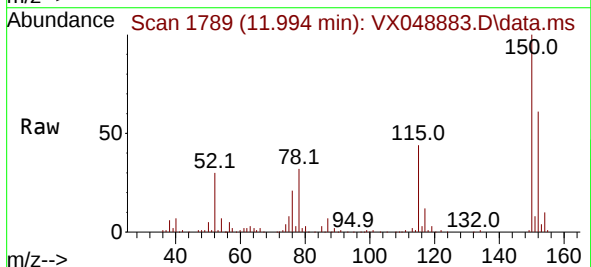
Tgt Ion:119 Resp: 1954

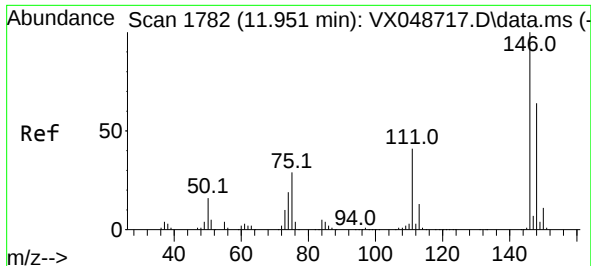
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 35.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 0.391 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

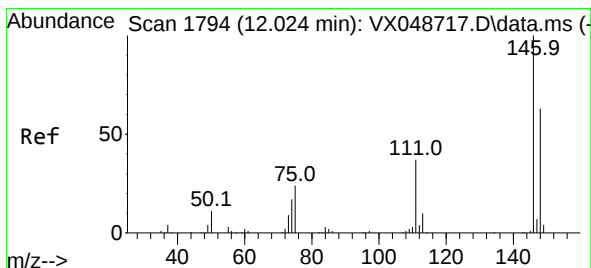
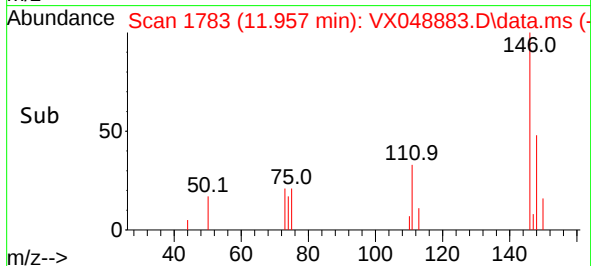
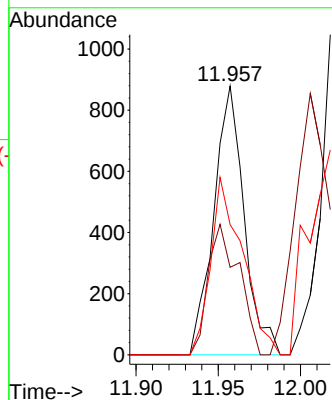
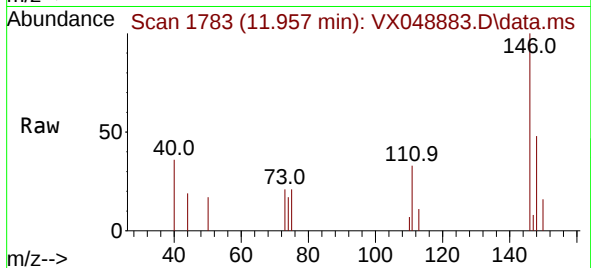
Tgt Ion:146 Resp: 1129

Ion Ratio Lower Upper

146 100

111 49.1 20.3 60.8

148 69.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 0.378 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. -0.067 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

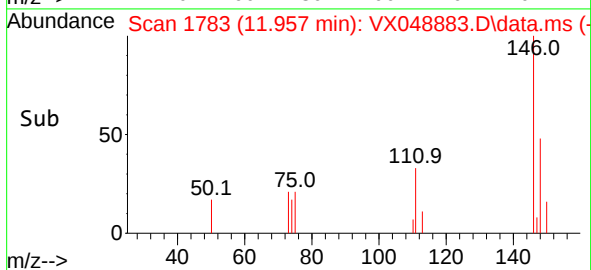
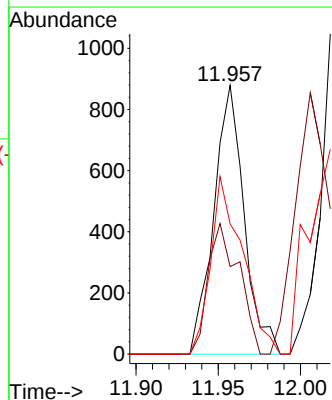
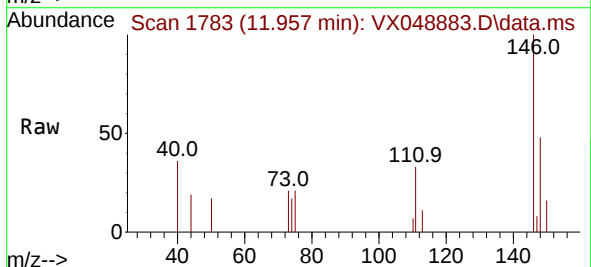
Tgt Ion:146 Resp: 1129

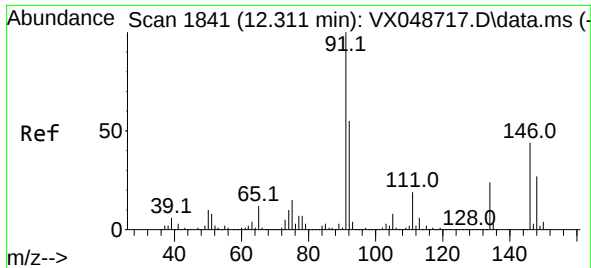
Ion Ratio Lower Upper

146 100

111 49.1 19.6 58.7

148 69.3 31.6 94.7





#89

n-Butylbenzene

Concen: 0.626 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048883.D

Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

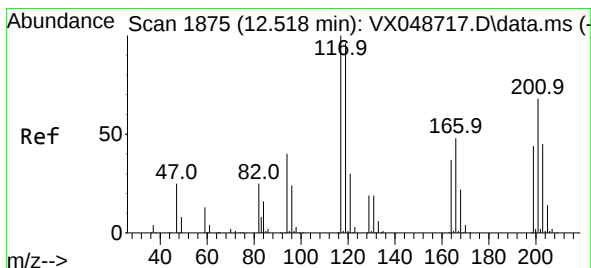
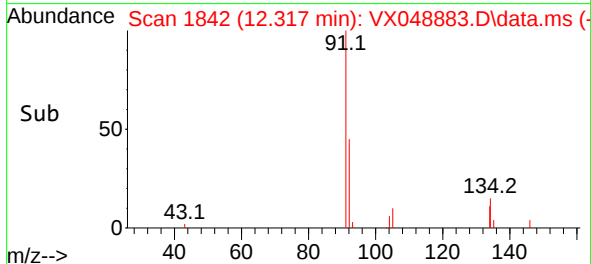
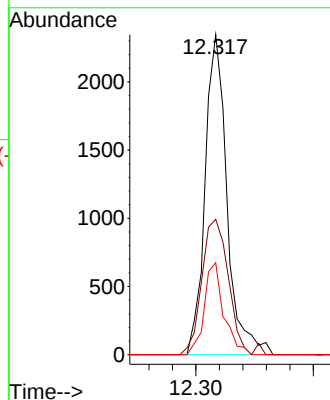
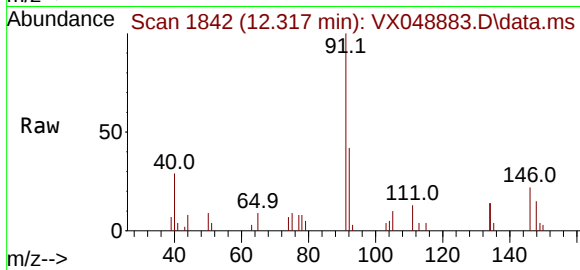
Tgt Ion: 91 Resp: 3042

Ion Ratio Lower Upper

91 100

92 50.8 27.1 81.3

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 0.235 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048883.D

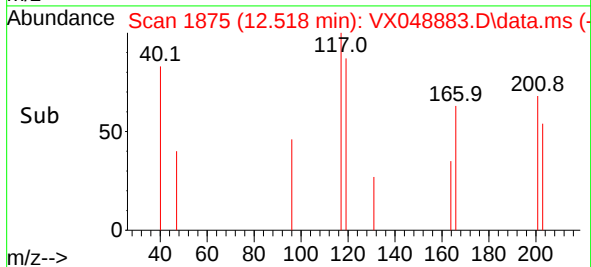
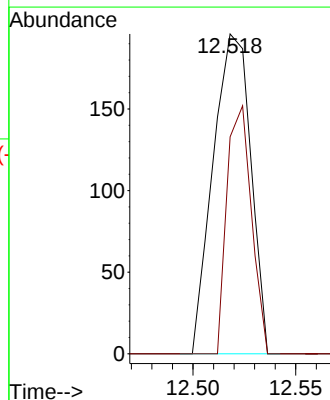
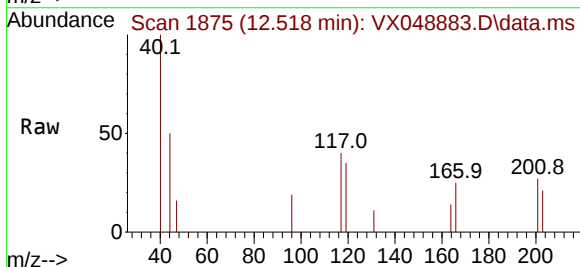
Acq: 15 Dec 2025 17:05

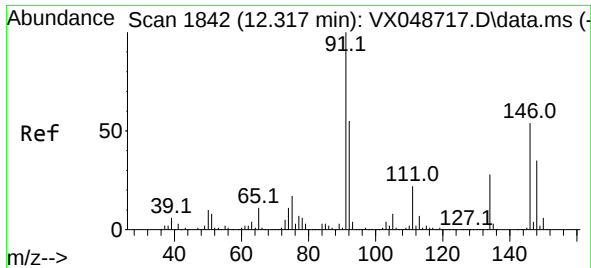
Tgt Ion: 117 Resp: 249

Ion Ratio Lower Upper

117 100

201 50.6 36.4 109.1

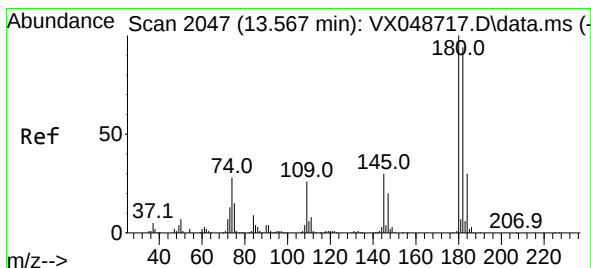
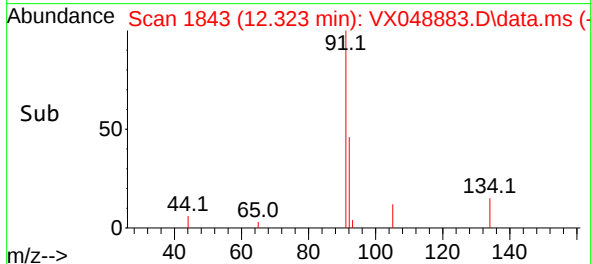
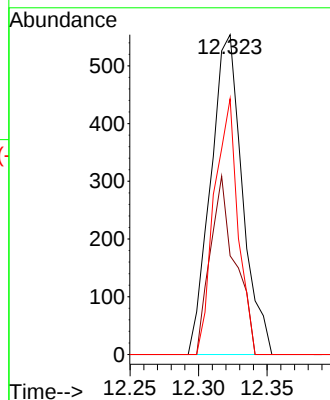
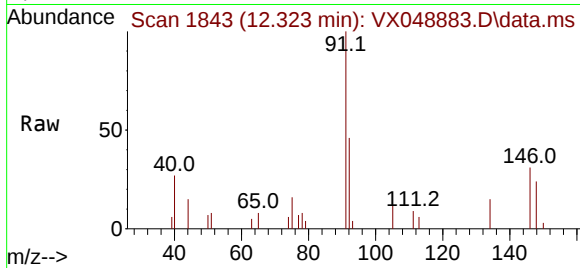




#91
1,2-Dichlorobenzene
Concen: 0.317 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

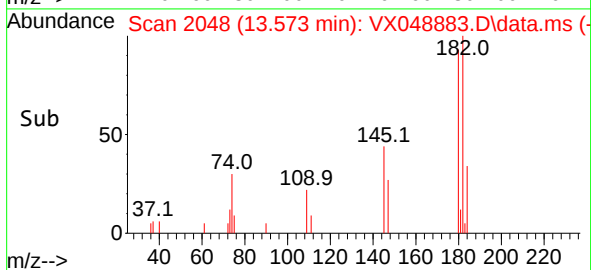
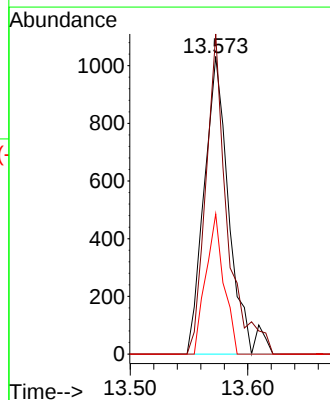
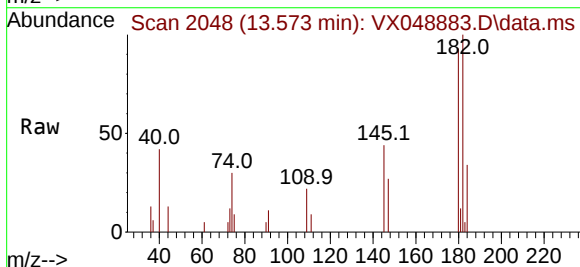
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

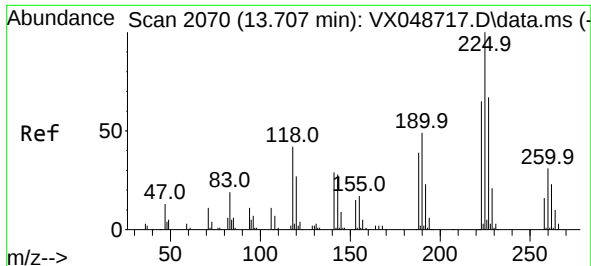
Tgt Ion:146 Resp: 888
Ion Ratio Lower Upper
146 100
111 44.0 20.8 62.5
148 60.0 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.822 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:180 Resp: 1520
Ion Ratio Lower Upper
180 100
182 92.4 46.9 140.8
145 33.9 15.1 45.3

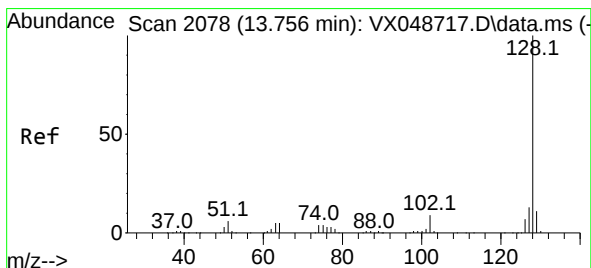
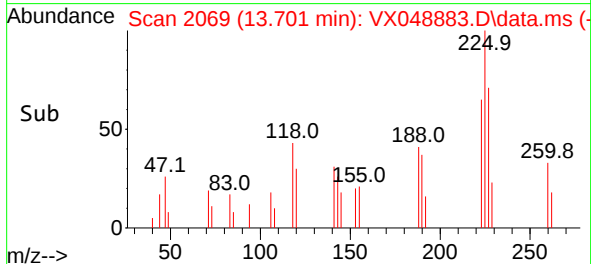
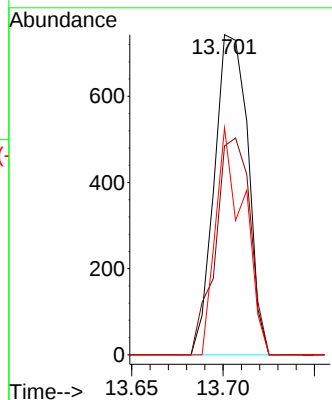
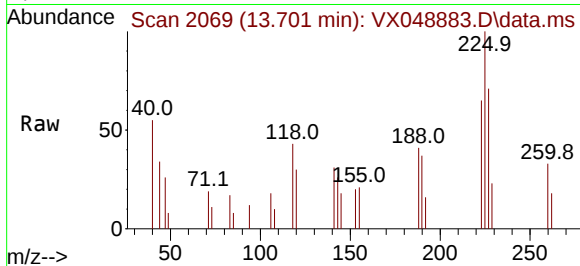




#94
Hexachlorobutadiene
Concen: 1.240 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

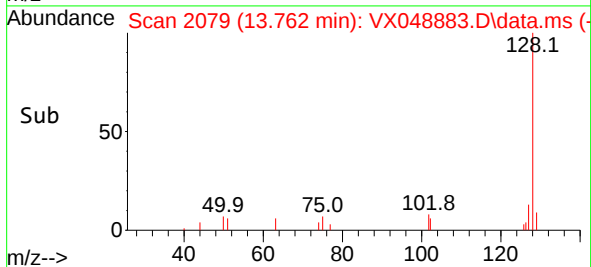
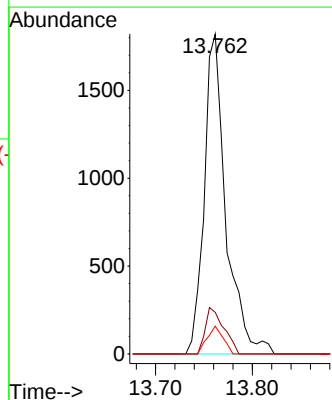
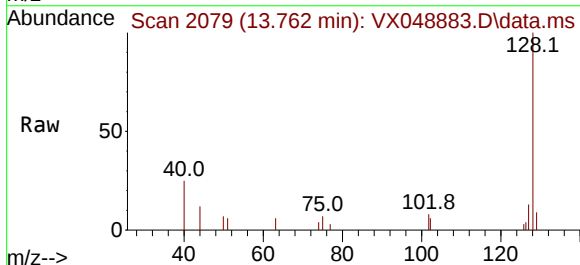
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

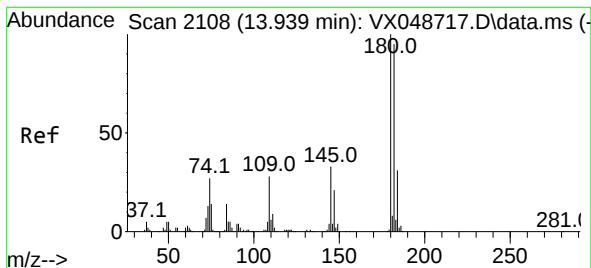
Tgt Ion:225 Resp: 948
Ion Ratio Lower Upper
225 100
223 70.6 33.0 98.9
227 60.2 32.9 98.7



#95
Naphthalene
Concen: Below Cal
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:128 Resp: 2832
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 6.4 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.865 ug/l

RT: 13.938 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048883.D

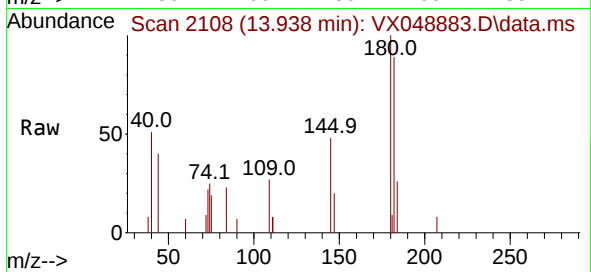
Acq: 15 Dec 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK



Tgt Ion:	180	Resp:	1474
Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.0	144.2
145	37.3	16.6	49.8

