

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046051.D
 Acq On : 06 May 2025 10:15
 Operator : JC/MD
 Sample : VX0506MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506MBL01

Quant Time: May 07 01:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

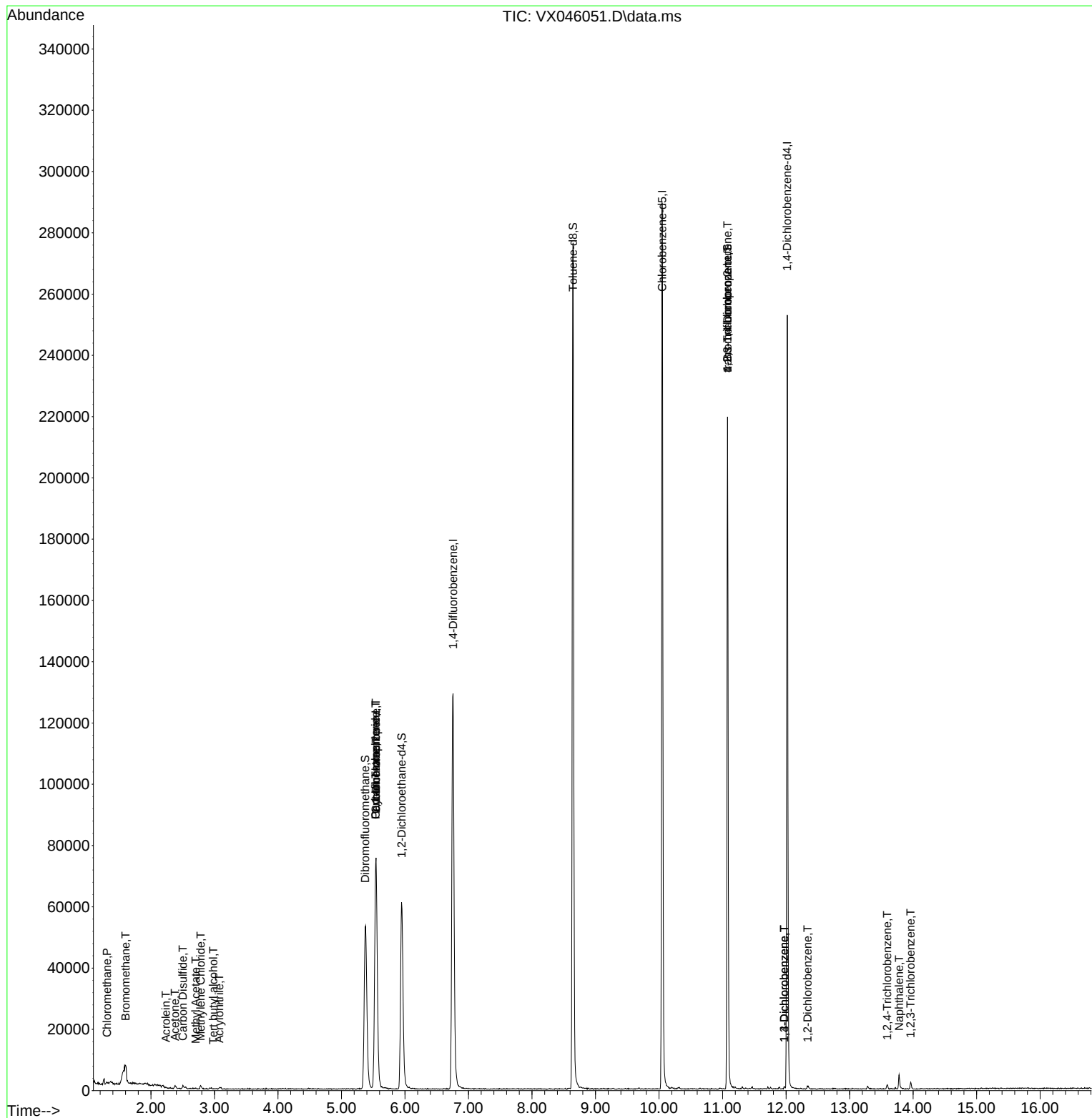
Internal Standards						
1) Pentafluorobenzene	5.537	168	65667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63448	51.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.373	113	46316	50.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.647	98	160646	50.613	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	57169	46.956	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.920%			
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	733	0.752	ug/l	94
5) Bromomethane	1.599	94	212	0.504	ug/l #	42
11) Tert butyl alcohol	2.983	59	63	0.367	ug/l #	72
13) Acrolein	2.233	56	94	0.480	ug/l #	68
15) Acrylonitrile	3.075	53	161	0.328	ug/l #	51
16) Acetone	2.380	43	1096	2.233	ug/l #	89
17) Carbon Disulfide	2.501	76	1317	0.713	ug/l	99
18) Methyl Acetate	2.703	43	308	0.270	ug/l #	55
20) Methylene Chloride	2.782	84	422	0.449	ug/l #	92
31) Cyclohexane	5.544	56	2058	1.411	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	6612	5.366	ug/l #	52
38) Carbon Tetrachloride	5.537	117	7937	5.733	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	32933	29.766	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32933	96.908	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	331	0.218	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	331	0.214	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	307	0.202	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	534	0.611	ug/l	99
95) Naphthalene	13.780	128	3561	1.111	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	778	0.863	ug/l	95

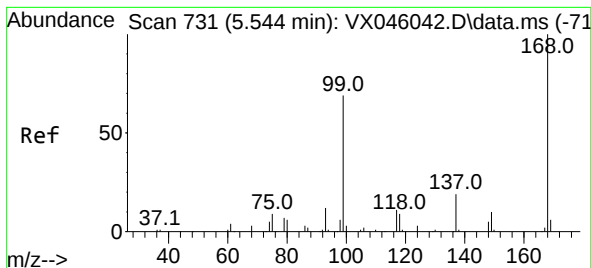
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046051.D
Acq On : 06 May 2025 10:15
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Sample : VX0506MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
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ClientSampleId :
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Quant Time: May 07 01:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.007 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

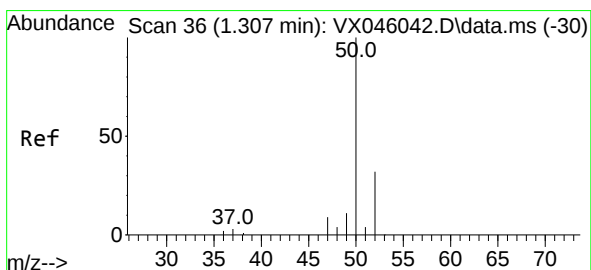
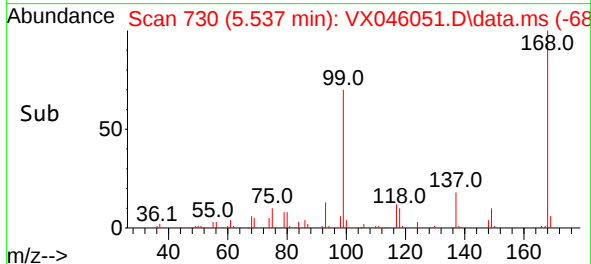
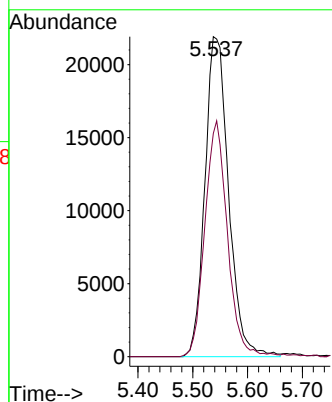
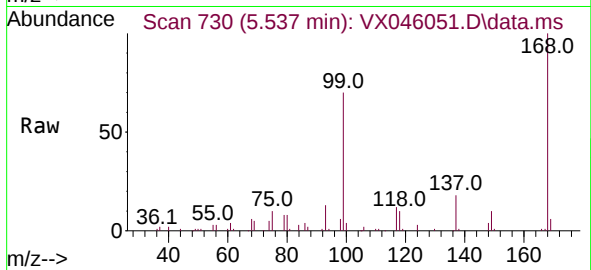
VX0506MBL01

Tgt Ion:168 Resp: 65667

Ion Ratio Lower Upper

168 100

99 69.7 54.9 82.3



#3

Chloromethane

Concen: 0.752 ug/l

RT: 1.307 min Scan# 36

Delta R.T. -0.000 min

Lab File: VX046051.D

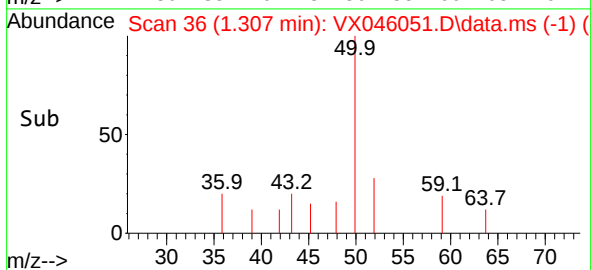
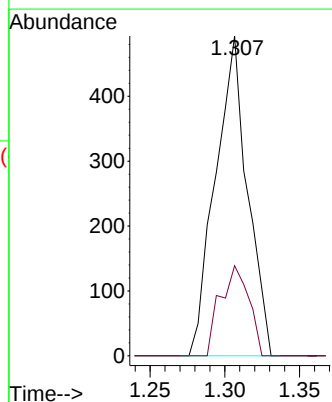
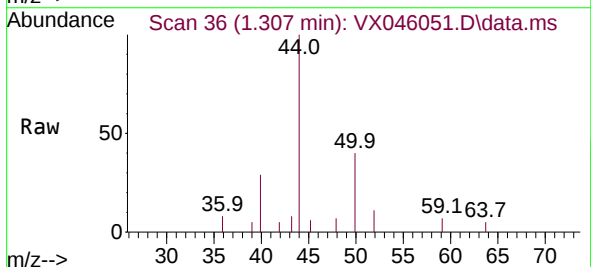
Acq: 06 May 2025 10:15

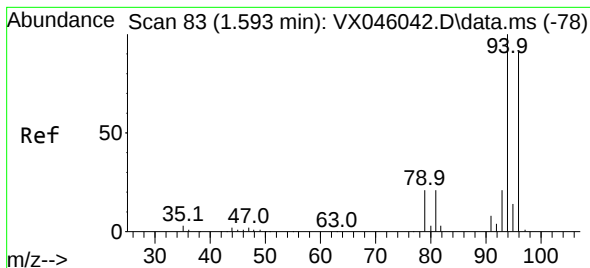
Tgt Ion: 50 Resp: 733

Ion Ratio Lower Upper

50 100

52 28.2 25.4 38.2





#5

Bromomethane

Concen: 0.504 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

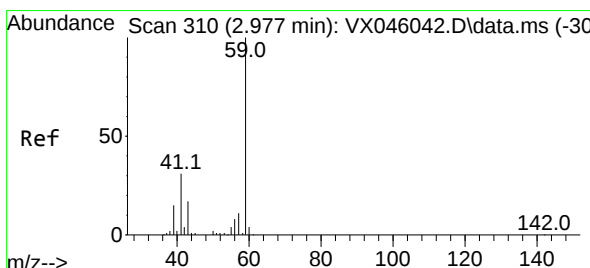
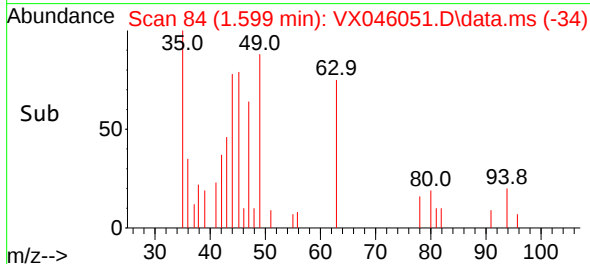
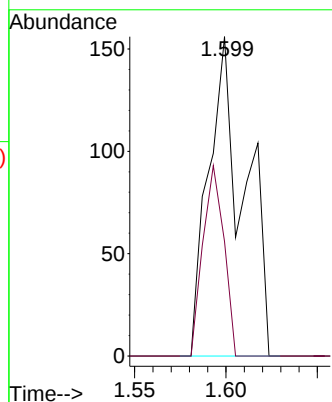
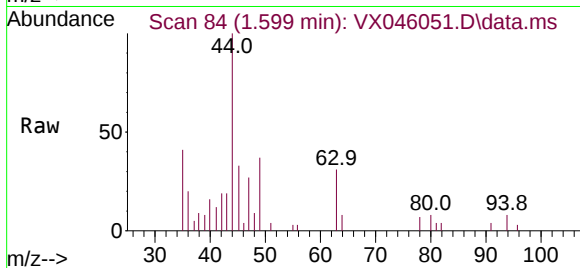
VX0506MBL01

Tgt Ion: 94 Resp: 212

Ion Ratio Lower Upper

94 100

96 35.9 72.8 109.2#



#11

Tert butyl alcohol

Concen: 0.367 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX046051.D

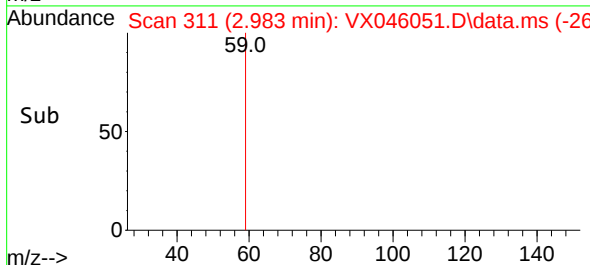
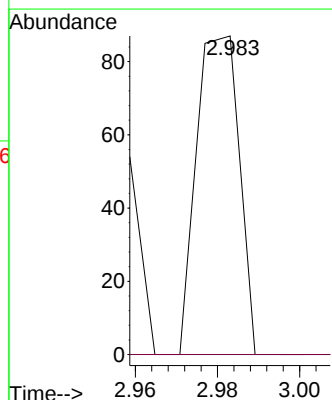
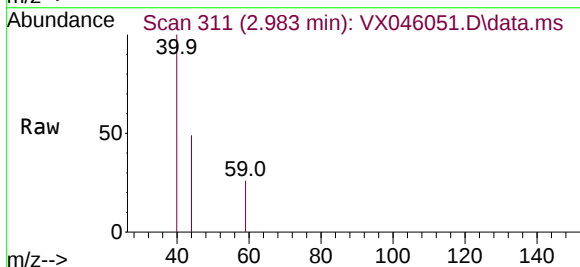
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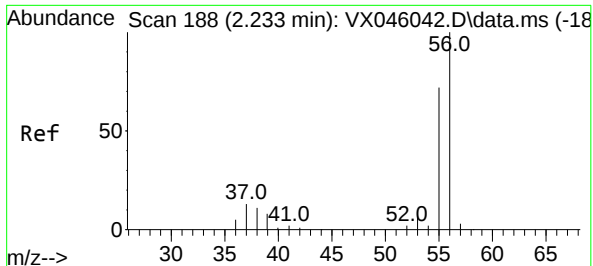
Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

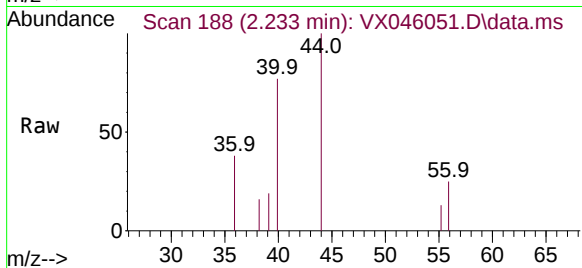
57 0.0 8.6 12.8#



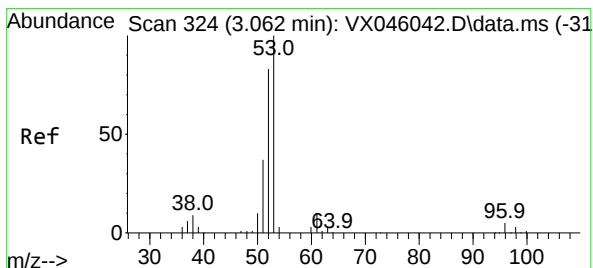
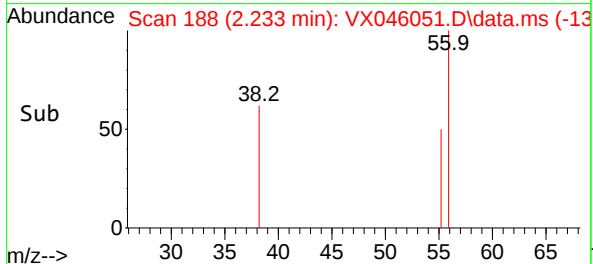
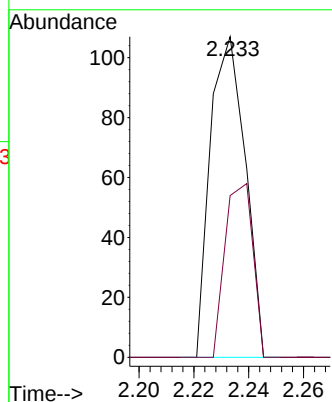


#13
Acrolein
Concen: 0.480 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

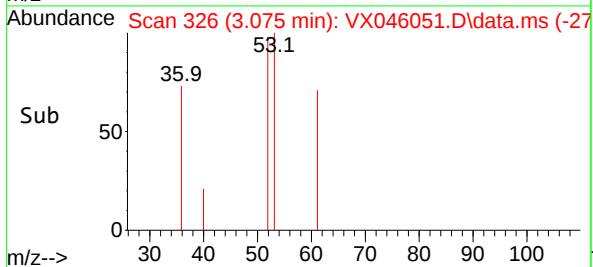
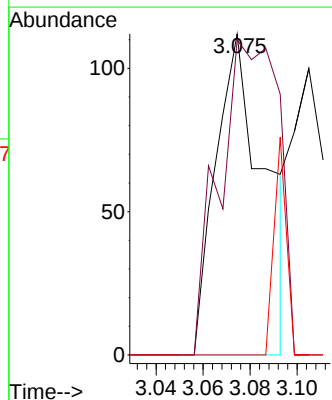
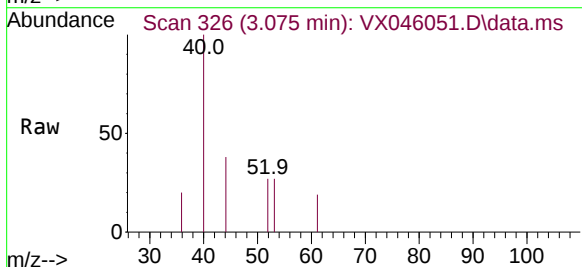


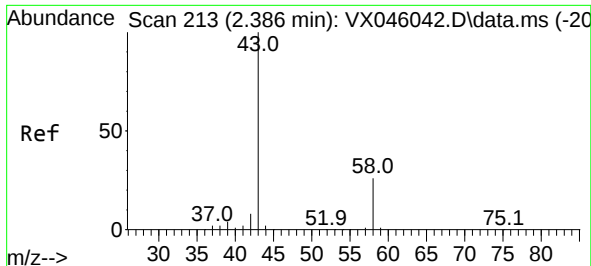
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 43.6 56.2 84.4#



#15
Acrylonitrile
Concen: 0.328 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion: 53 Resp: 161
Ion Ratio Lower Upper
53 100
52 119.9 65.3 97.9#
51 0.0 29.8 44.8#

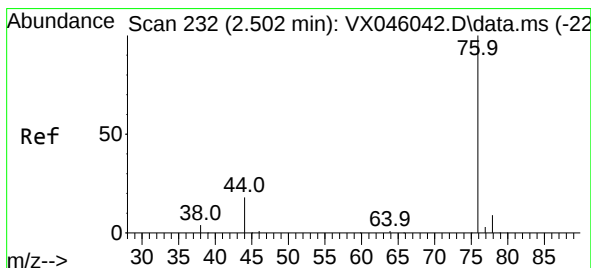
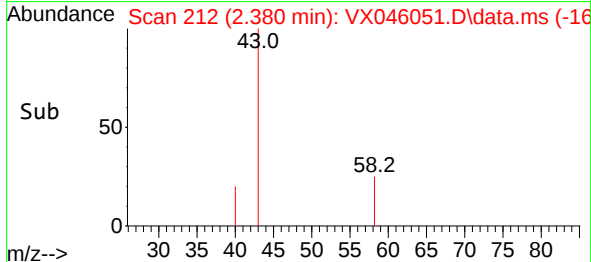
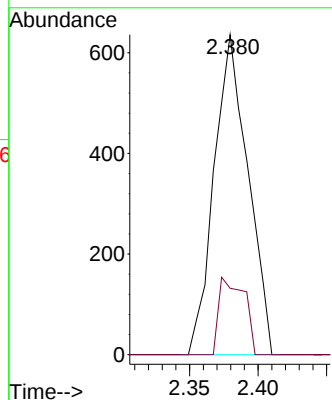
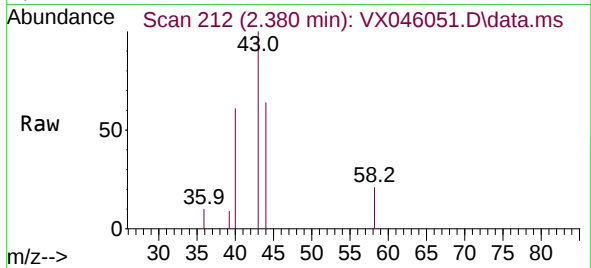




#16
Acetone
Concen: 2.233 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

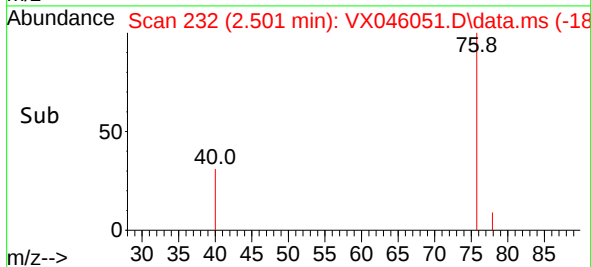
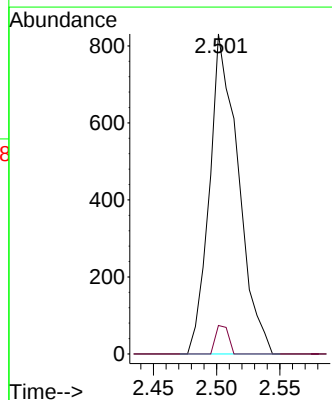
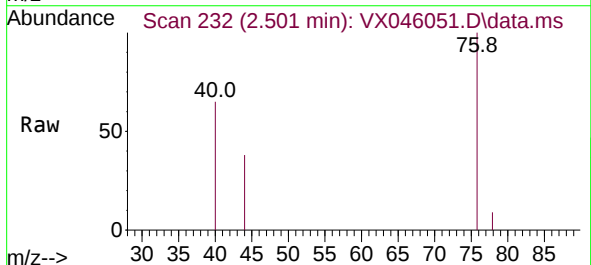
Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

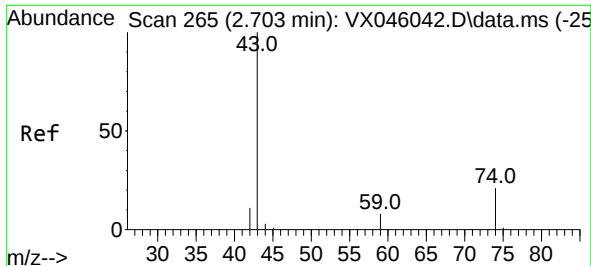
Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 20.8 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.713 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion: 76 Resp: 1317
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





#18

Methyl Acetate

Concen: 0.270 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

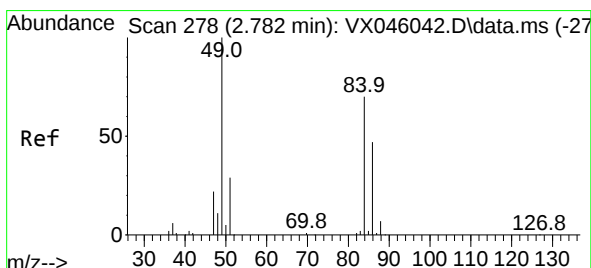
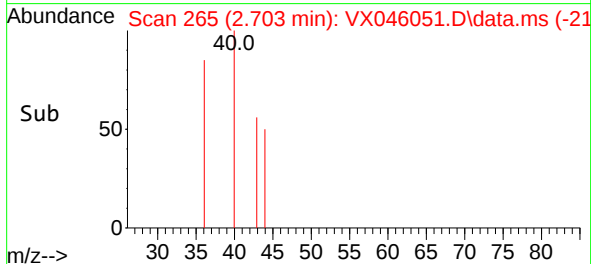
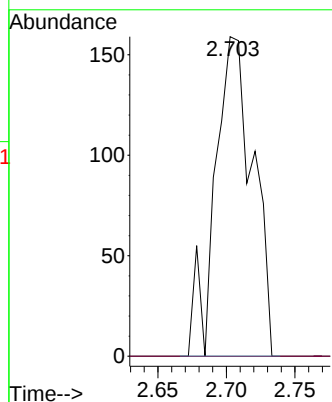
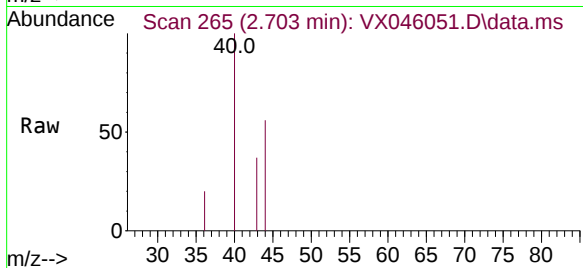
VX0506MBL01

Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 0.449 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Tgt Ion: 84 Resp: 422

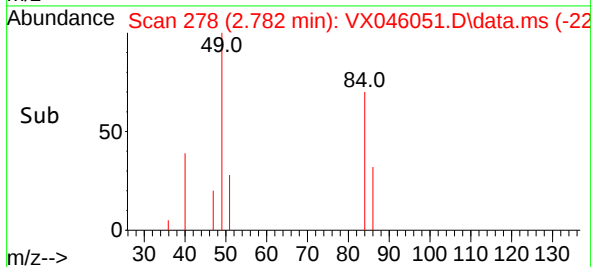
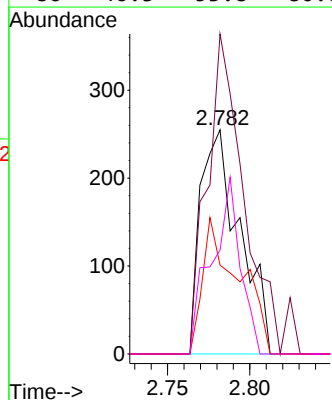
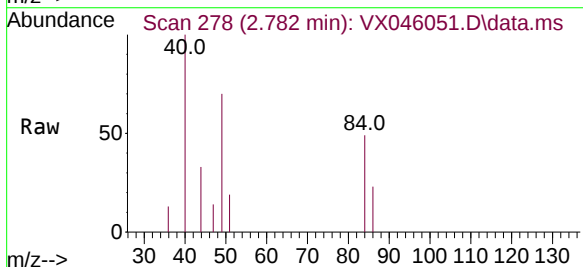
Ion Ratio Lower Upper

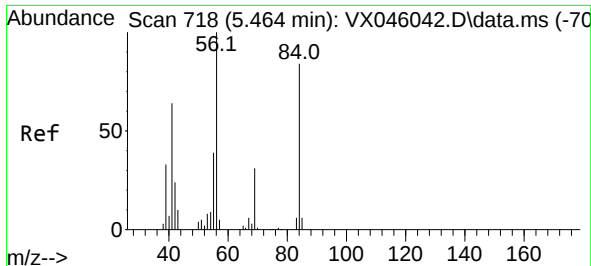
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49 142.7 113.9 170.9

51 39.6 33.5 50.3

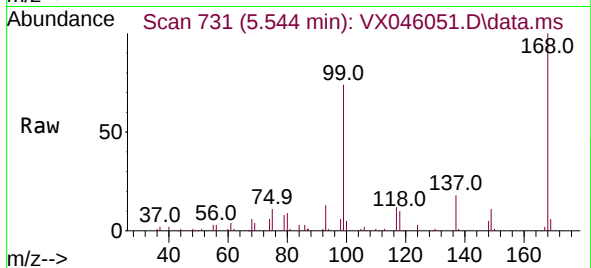
86 46.3 53.8 80.8#



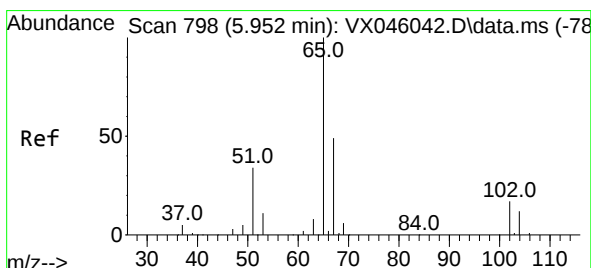
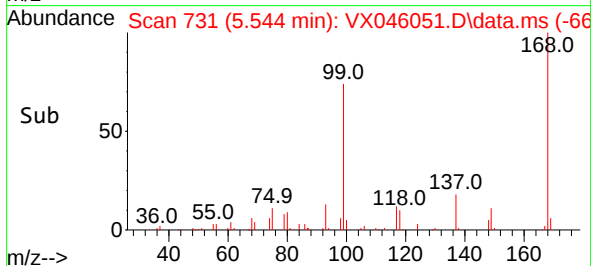
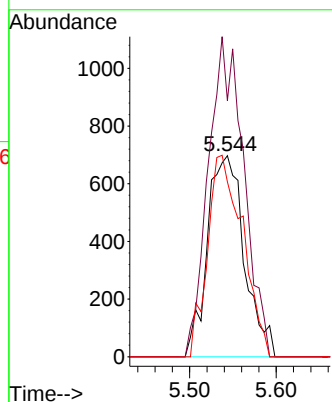


#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

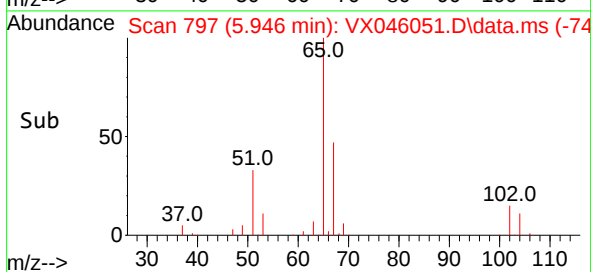
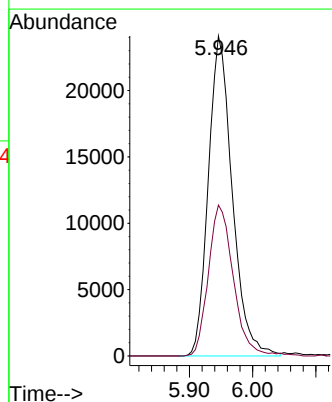
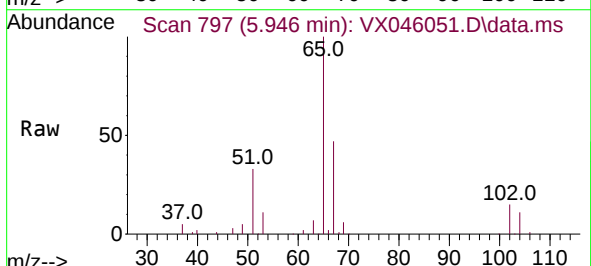


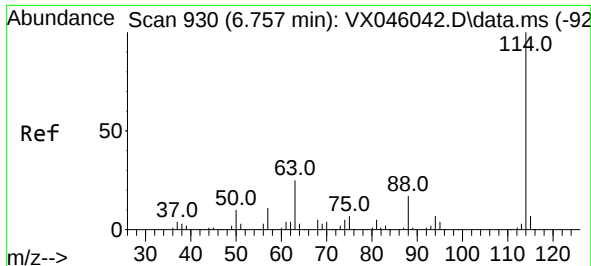
Tgt Ion: 56 Resp: 2058
Ion Ratio Lower Upper
56 100
69 127.4 24.4 36.6#
84 87.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.826 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion: 65 Resp: 63448
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

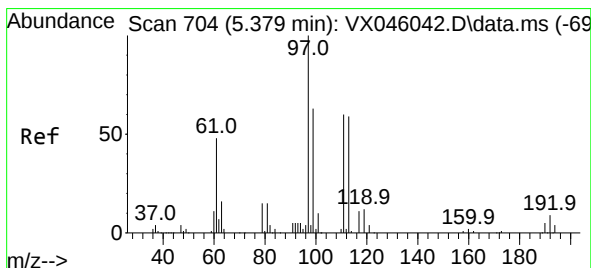
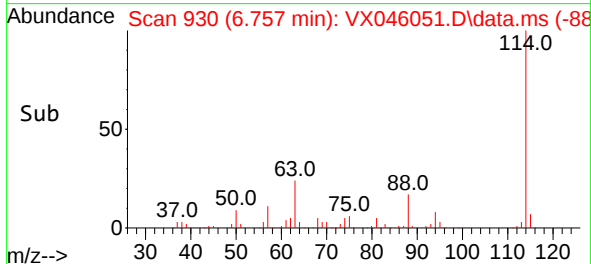
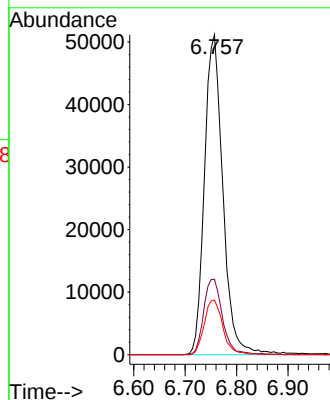
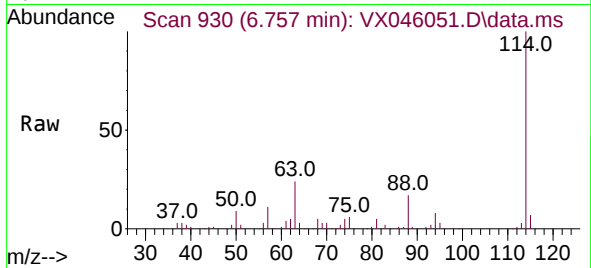




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046051.D
 Acq: 06 May 2025 10:15

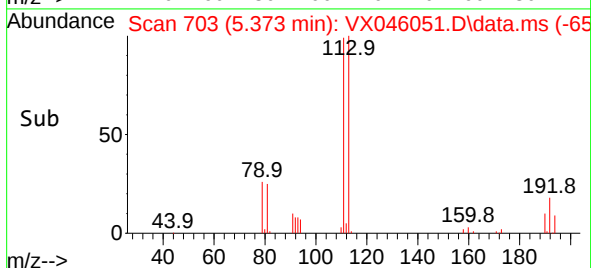
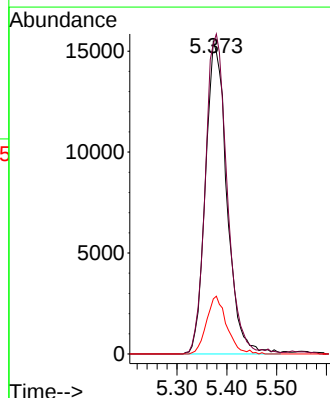
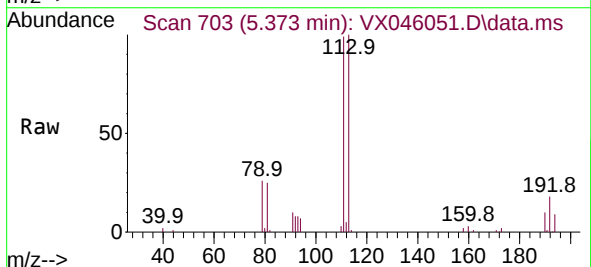
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506MBL01

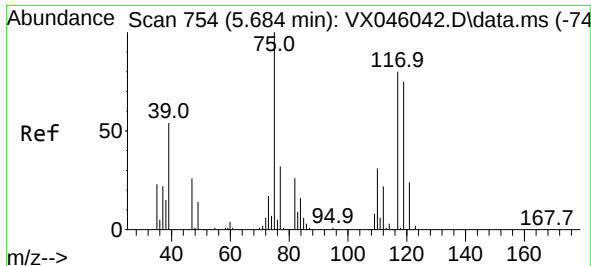
Tgt Ion:114 Resp: 127348
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.506 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: VX046051.D
 Acq: 06 May 2025 10:15

Tgt Ion:113 Resp: 46316
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 17.4 13.3 19.9

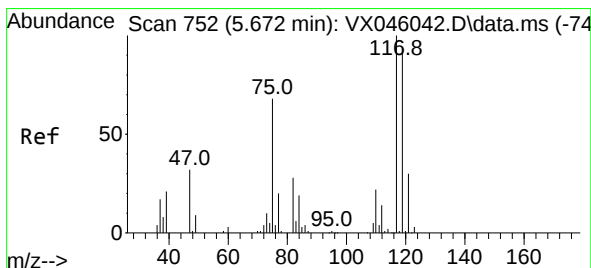
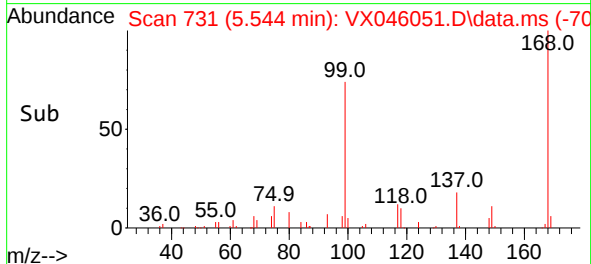
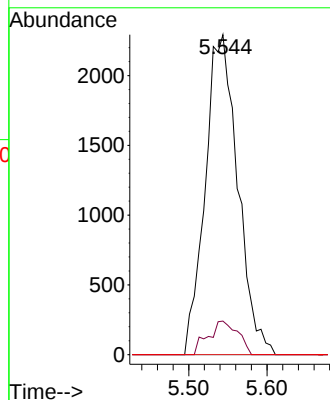
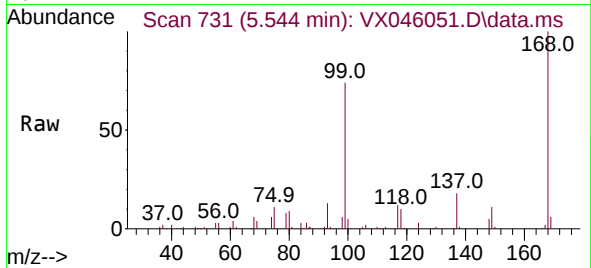




#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

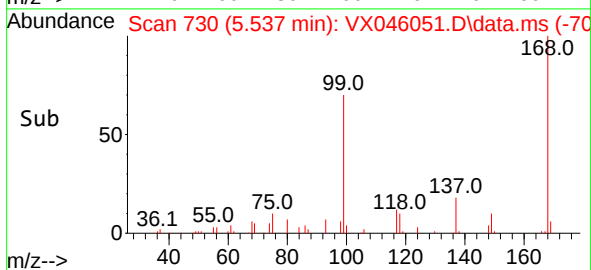
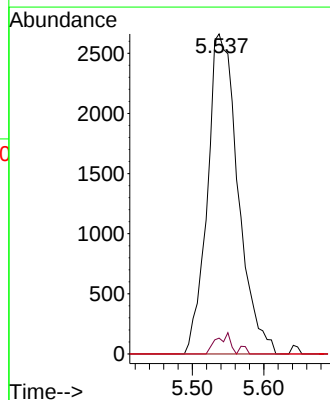
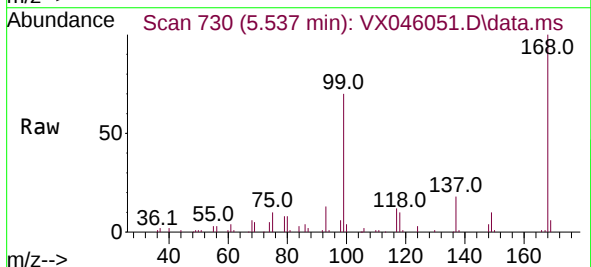
Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

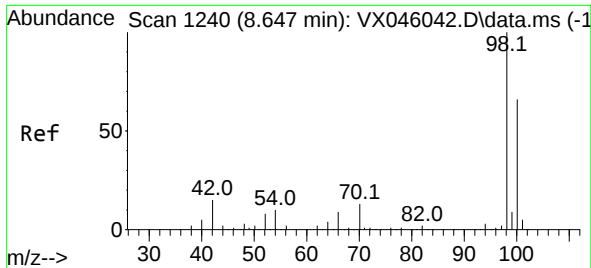
Tgt Ion: 75 Resp: 6612
Ion Ratio Lower Upper
75 100
110 9.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion: 117 Resp: 7937
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#

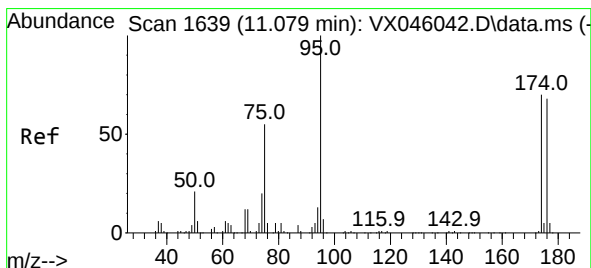
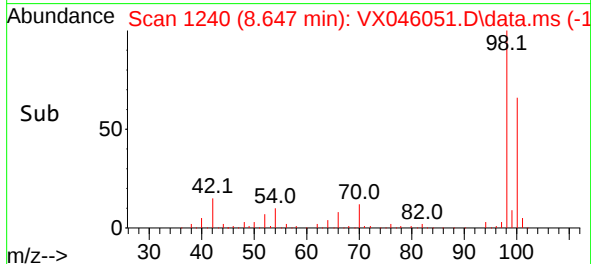
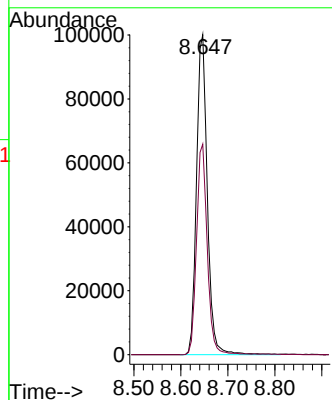
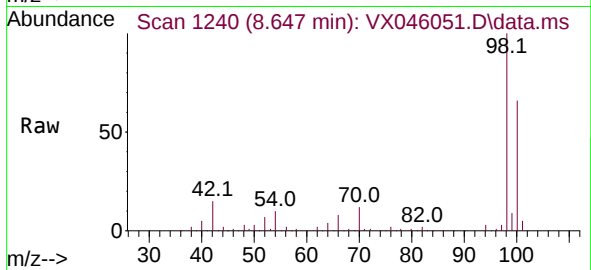




#50
Toluene-d8
Concen: 50.613 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

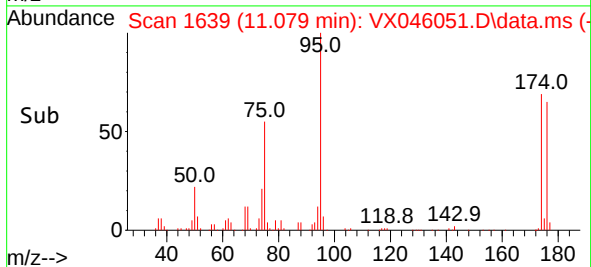
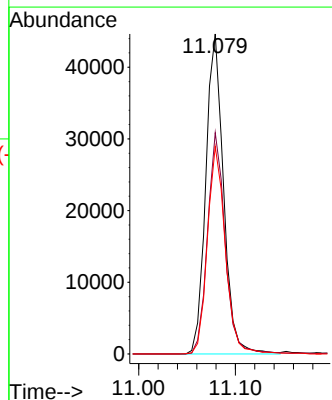
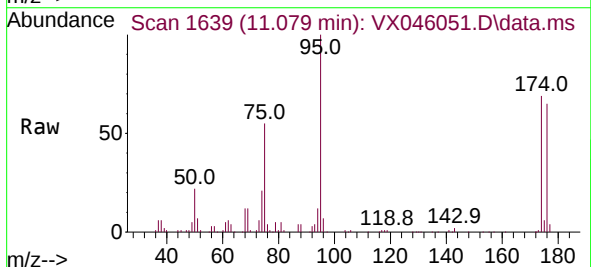
Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

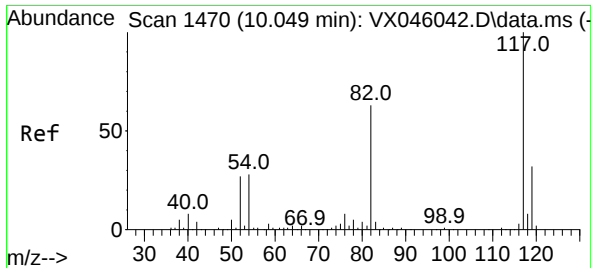
Tgt Ion: 98 Resp: 160646
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 46.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion: 95 Resp: 57169
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.5 0.0 131.4

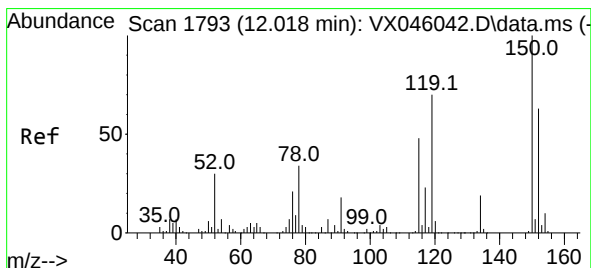
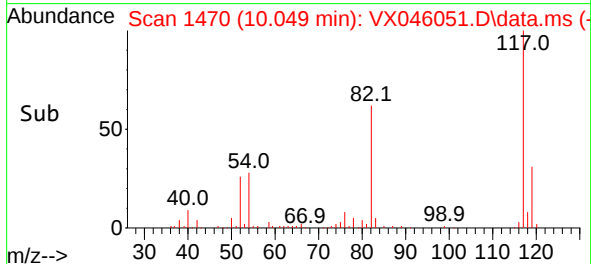
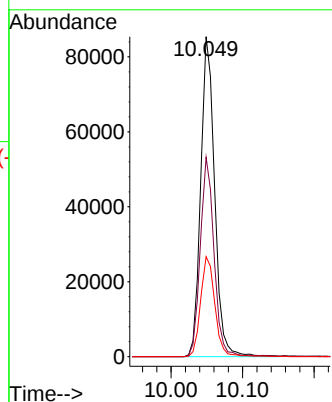
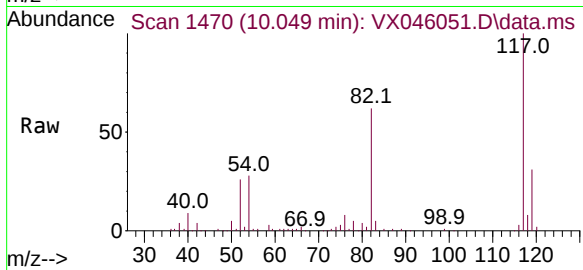




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

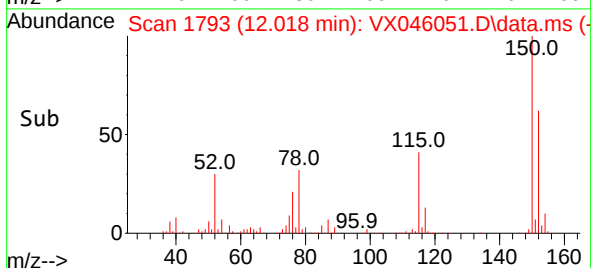
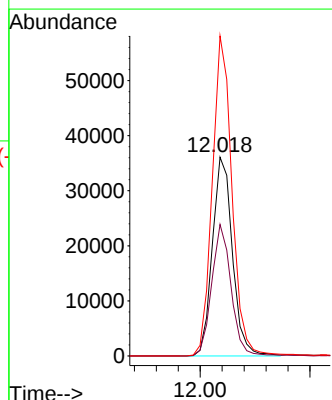
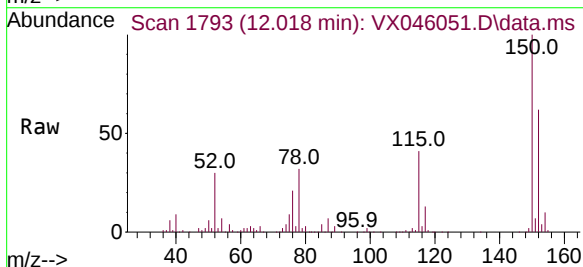
Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

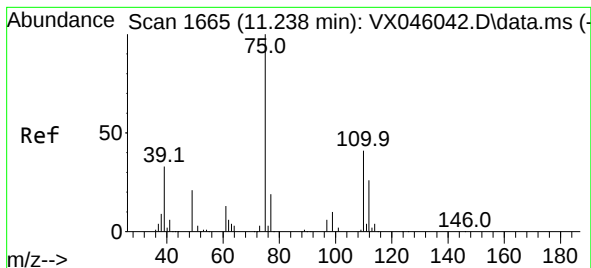
Tgt Ion:117 Resp: 115687
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Tgt Ion:152 Resp: 45965
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 158.1 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 29.766 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

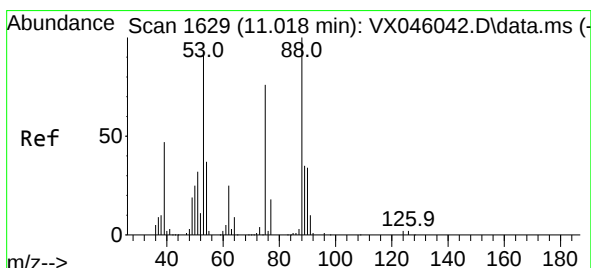
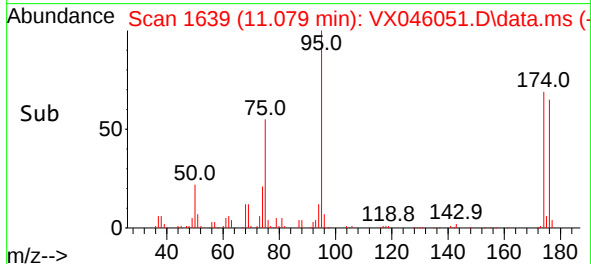
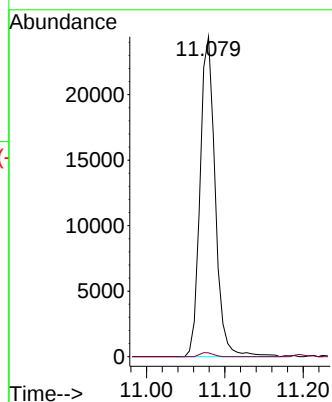
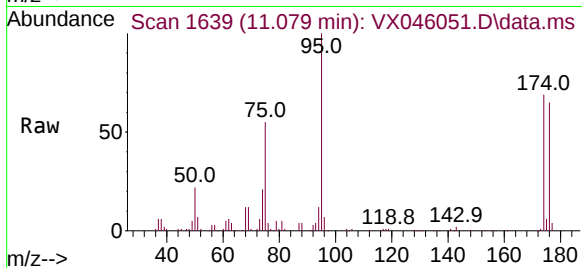
VX0506MBL01

Tgt Ion: 75 Resp: 32933

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.908 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

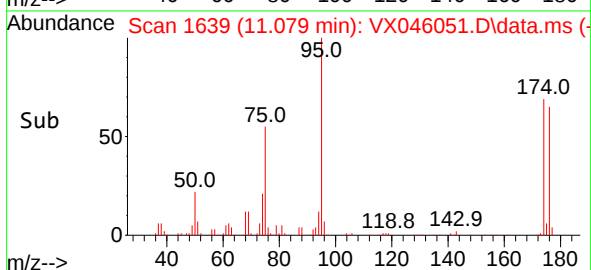
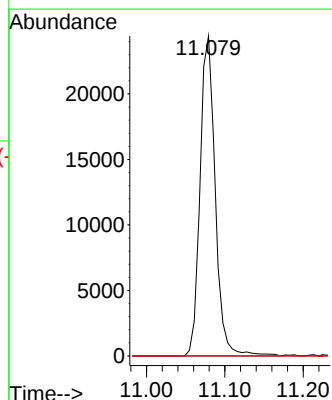
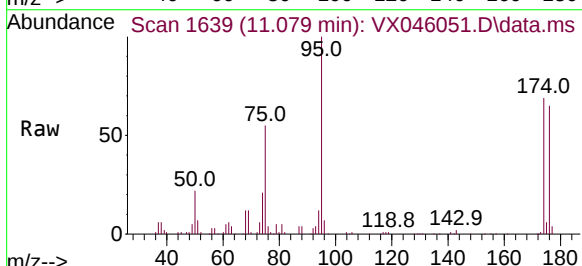
Tgt Ion: 75 Resp: 32933

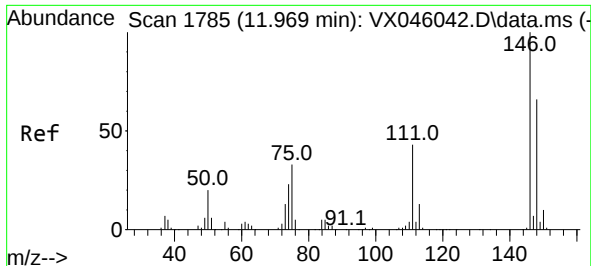
Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#





#87

1,3-Dichlorobenzene

Concen: 0.218 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX0506MBL01

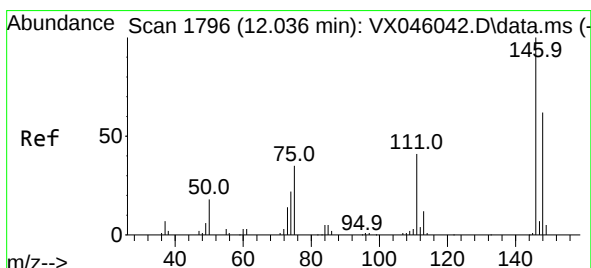
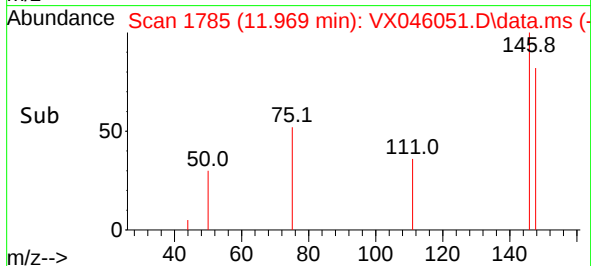
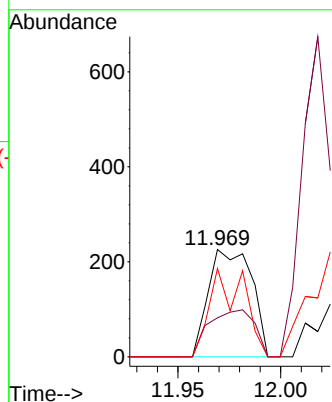
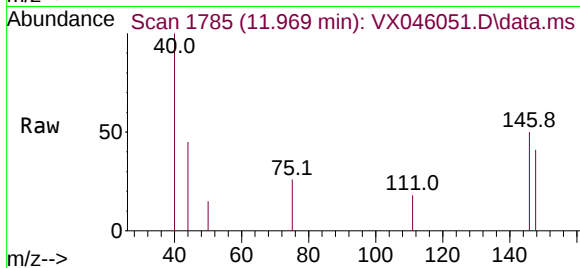
Tgt Ion:146 Resp: 331

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.3

148 65.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 0.214 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

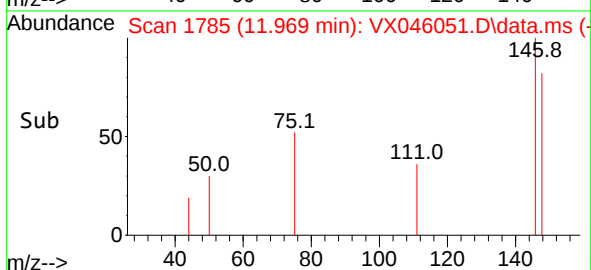
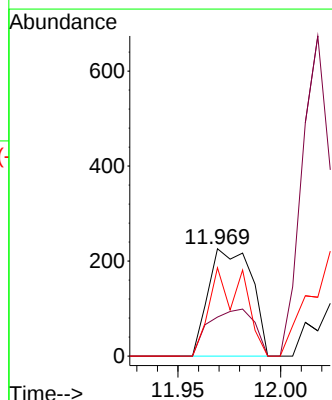
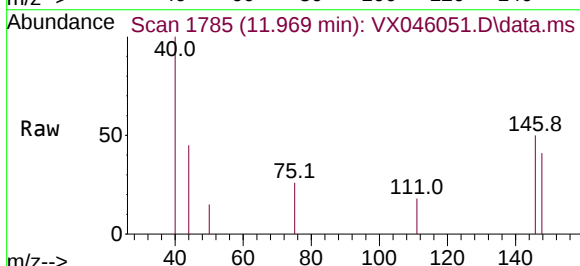
Tgt Ion:146 Resp: 331

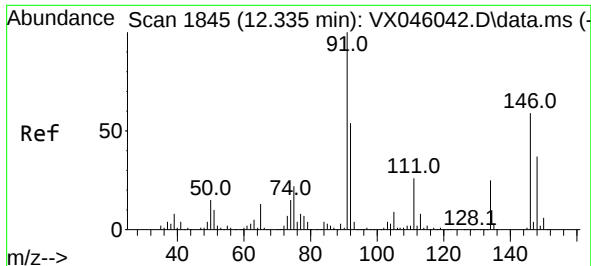
Ion Ratio Lower Upper

146 100

111 45.6 21.3 63.9

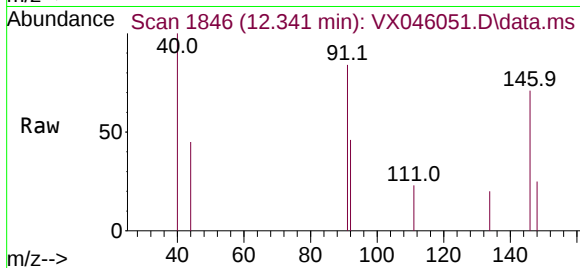
148 65.0 31.9 95.5





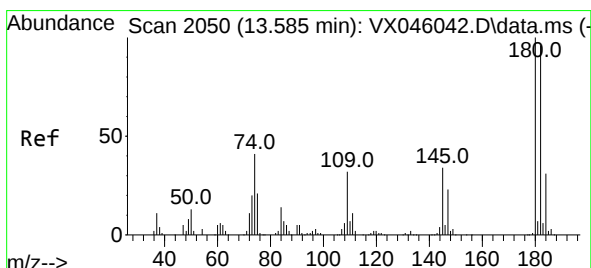
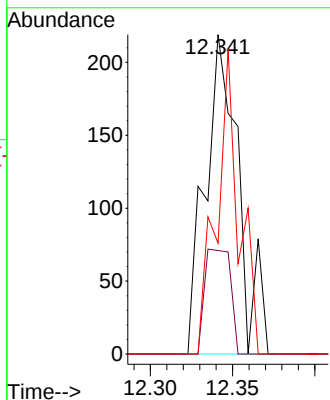
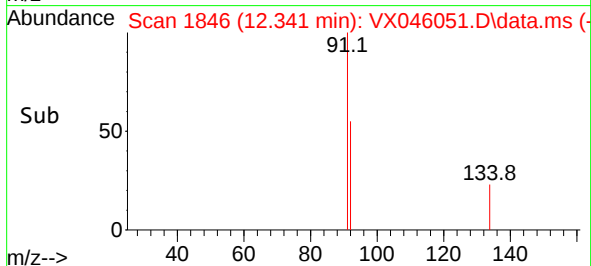
#91
1,2-Dichlorobenzene
Concen: 0.202 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX0506MBL01

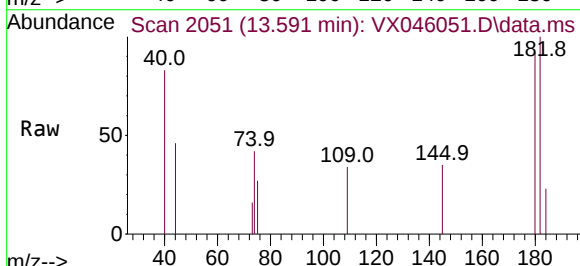


Tgt Ion:146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
111	25.4	22.4	67.3
148	64.5	31.6	94.8

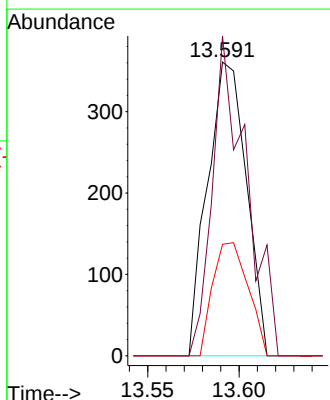
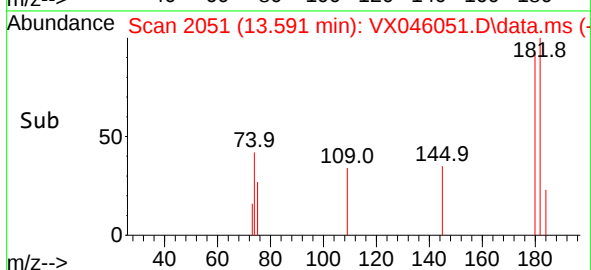


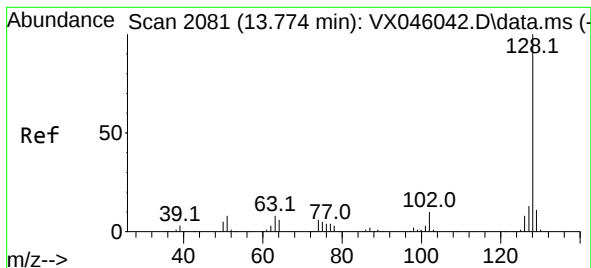
#93
1,2,4-Trichlorobenzene
Concen: 0.611 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046051.D
Acq: 06 May 2025 10:15



Tgt Ion:180 Resp: 534

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	35.2	17.1	51.2





#95

Naphthalene

Concen: 1.111 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX0506MBL01

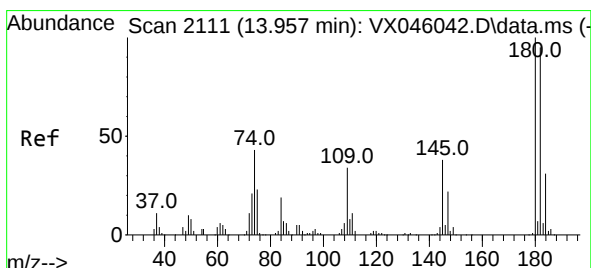
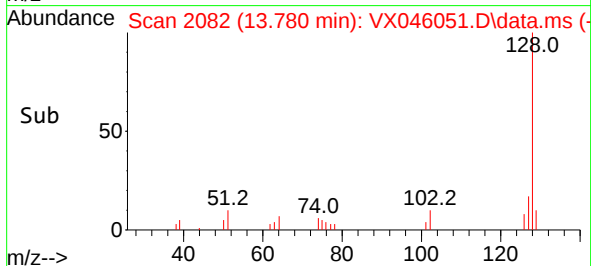
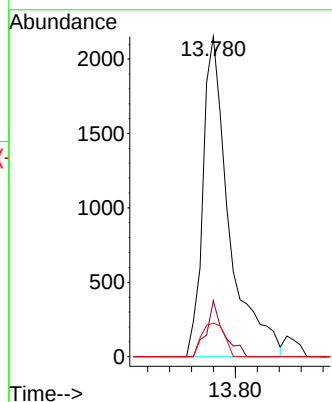
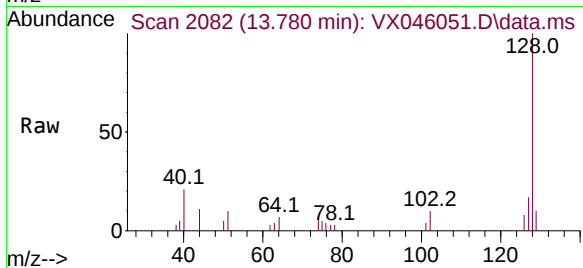
Tgt Ion:128 Resp: 3561

Ion Ratio Lower Upper

128 100

127 11.4 10.4 15.6

129 9.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.863 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046051.D

Acq: 06 May 2025 10:15

Tgt Ion:180 Resp: 778

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 26.3 18.1 54.3

