

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047826.D
 Acq On : 26 Sep 2025 02:10
 Operator : JC/MD
 Sample : VX0925WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBL02

Quant Time: Sep 26 03:56:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

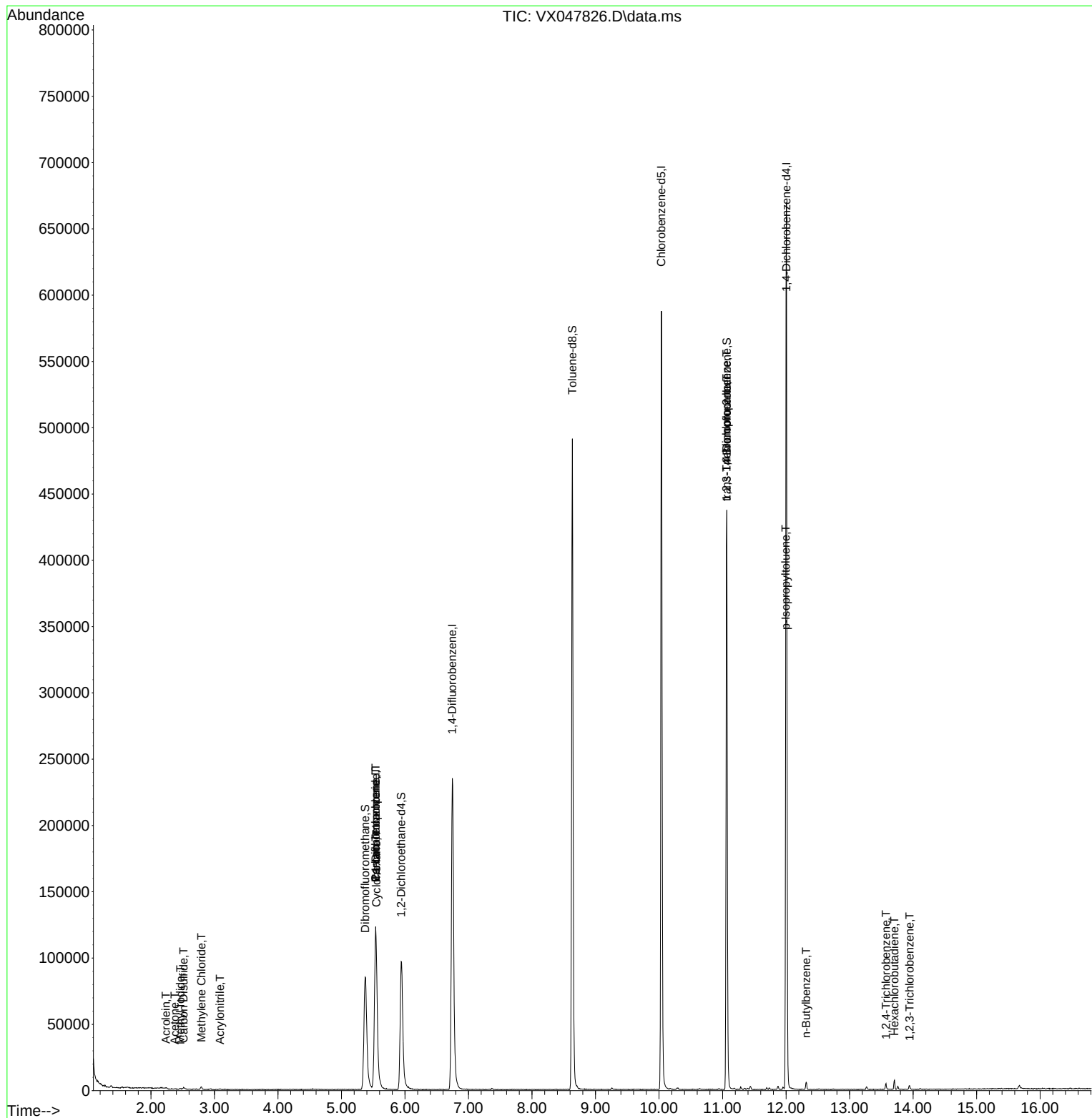
Internal Standards						
1) Pentafluorobenzene	5.538	168	121983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105522	54.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.373	113	84777	48.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	8.635	98	292890	48.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.400%			
62) 4-Bromofluorobenzene	11.067	95	125101	54.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	879	0.399	ug/l #	76
13) Acrolein	2.233	56	149	0.748	ug/l	92
15) Acrylonitrile	3.087	53	165	0.206	ug/l	85
16) Acetone	2.374	43	426	0.505	ug/l #	45
17) Carbon Disulfide	2.514	76	1555	0.392	ug/l #	76
20) Methylene Chloride	2.794	84	1113	0.623	ug/l #	66
31) Cyclohexane	5.550	56	3067	1.195	ug/l #	26
36) 1,1-Dichloropropene	5.538	75	10573	4.163	ug/l #	52
38) Carbon Tetrachloride	5.538	117	12711	4.606	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	65156	23.168	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	65156	59.083	ug/l #	8
86) p-Isopropyltoluene	11.994	119	1797	0.201	ug/l #	75
89) n-Butylbenzene	12.317	91	2338	0.283	ug/l	97
93) 1,2,4-Trichlorobenzene	13.573	180	1192	0.399	ug/l	92
94) Hexachlorobutadiene	13.707	225	926	0.911	ug/l	92
96) 1,2,3-Trichlorobenzene	13.945	180	900	0.323	ug/l	97

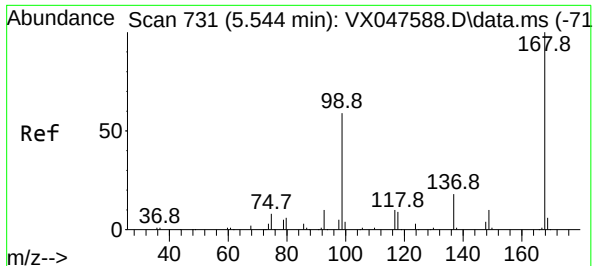
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047826.D
Acq On : 26 Sep 2025 02:10
Operator : JC/MD
Sample : VX0925WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Quant Time: Sep 26 03:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

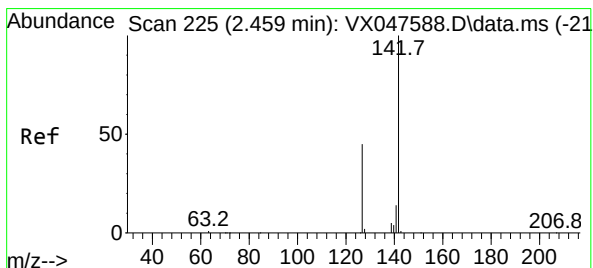
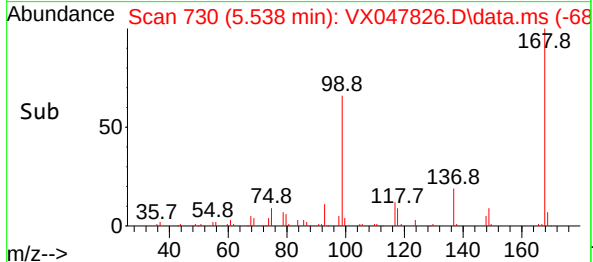
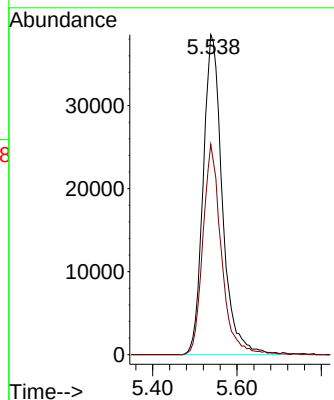
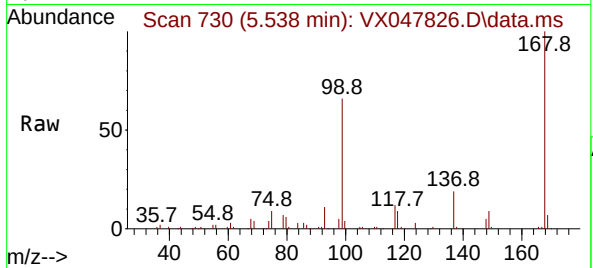




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

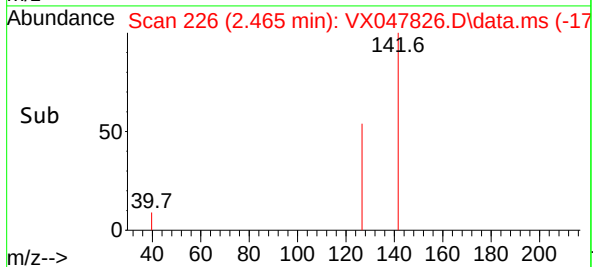
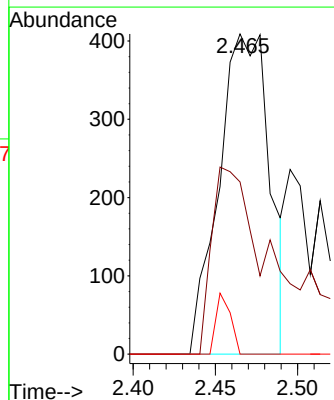
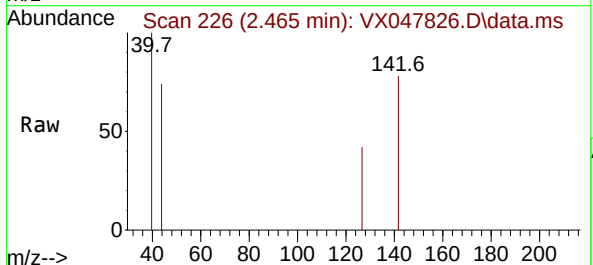
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

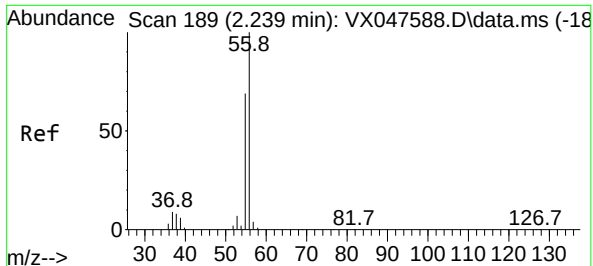
Tgt Ion:168 Resp: 121983
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#10
Methyl Iodide
Concen: 0.399 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:142 Resp: 879
Ion Ratio Lower Upper
142 100
127 62.7 37.2 55.8#
141 5.5 11.4 17.0#

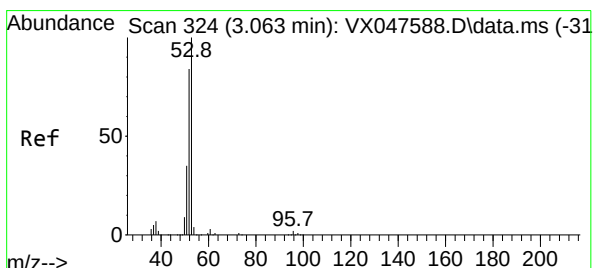
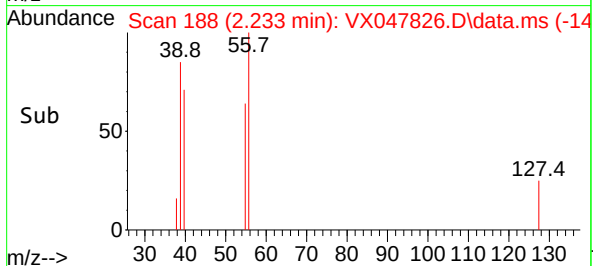
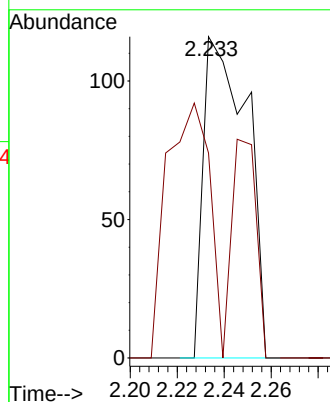
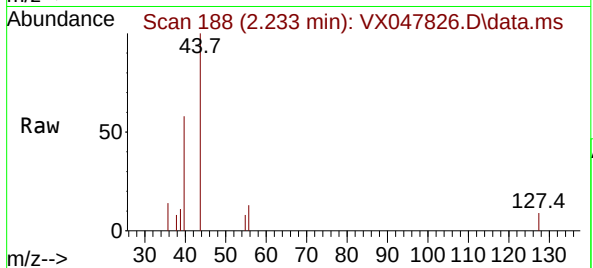




#13
Acrolein
Concen: 0.748 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

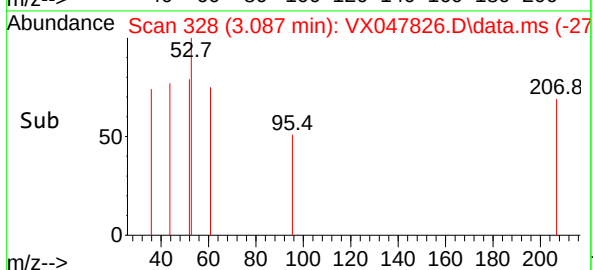
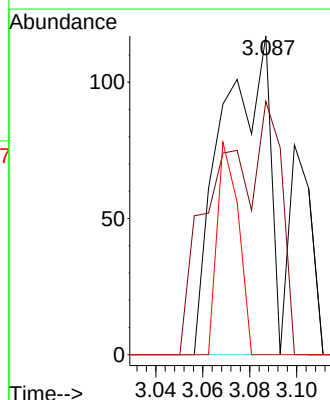
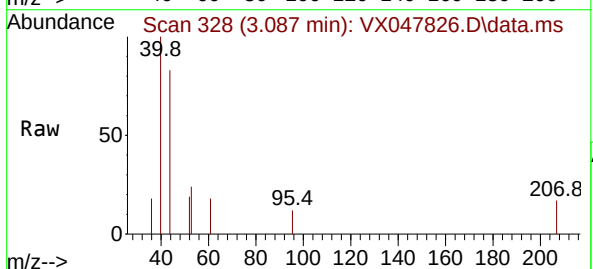
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

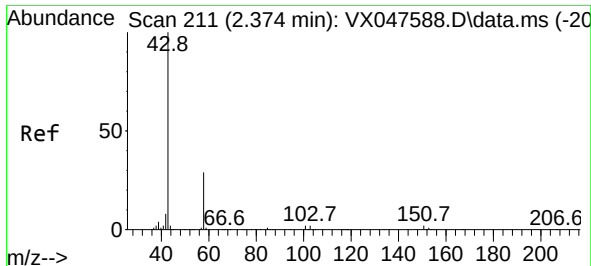
Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 77.9 57.2 85.8



#15
Acrylonitrile
Concen: 0.206 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.024 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 53 Resp: 165
Ion Ratio Lower Upper
53 100
52 67.9 66.4 99.6
51 29.7 29.5 44.3

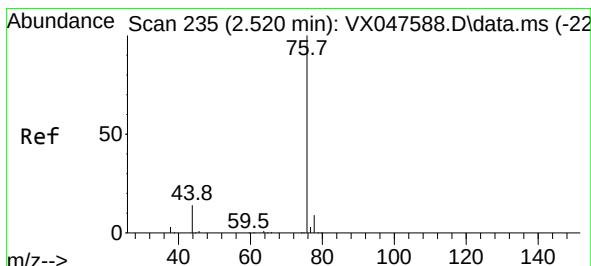
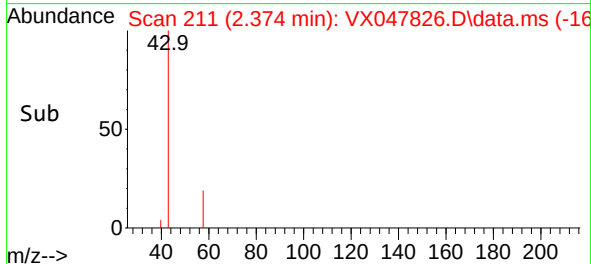
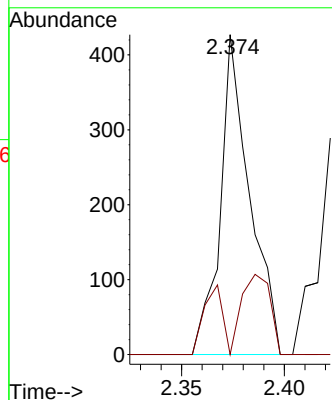
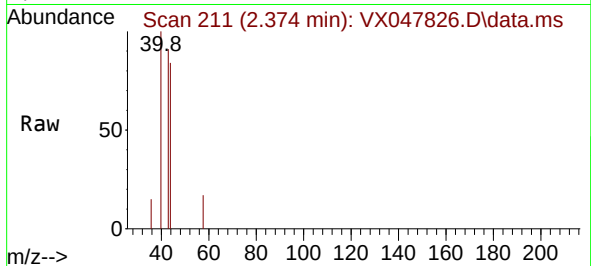




#16
Acetone
Concen: 0.505 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

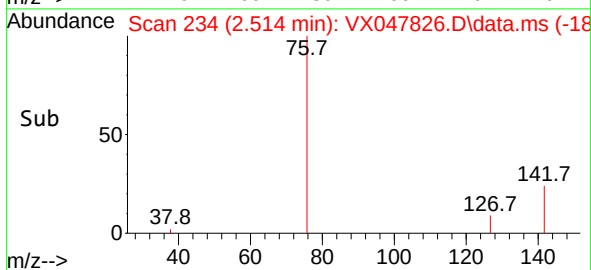
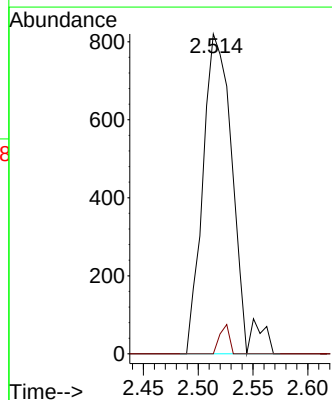
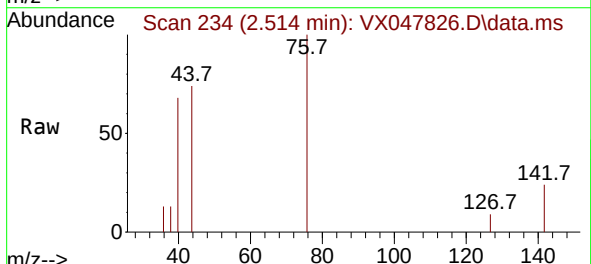
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

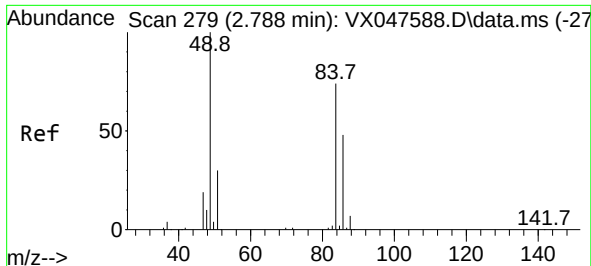
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 76 Resp: 1555
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

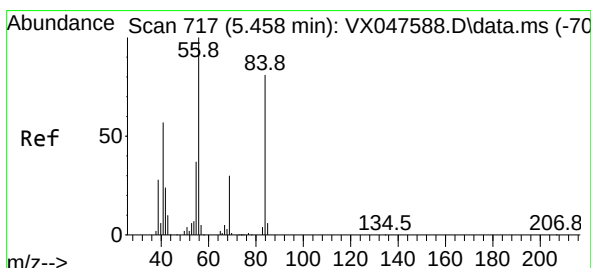
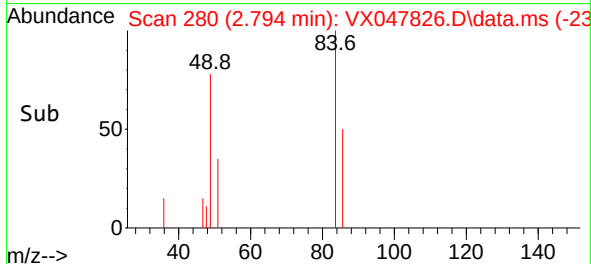
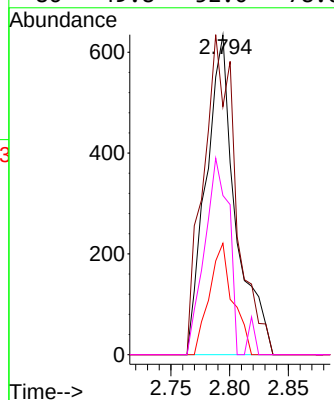
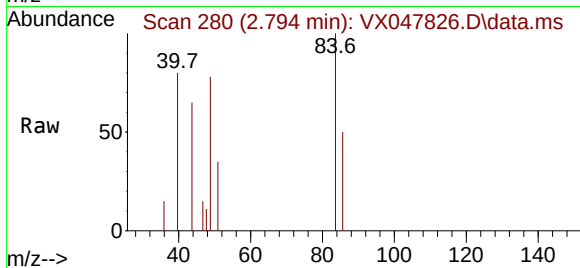




#20
Methylene Chloride
Concen: 0.623 ug/l
RT: 2.794 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

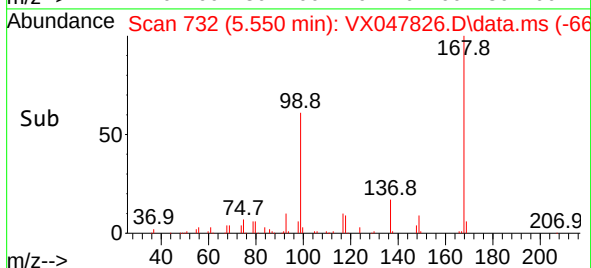
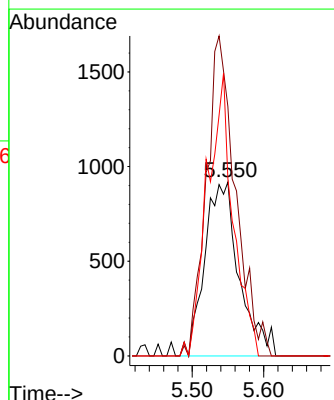
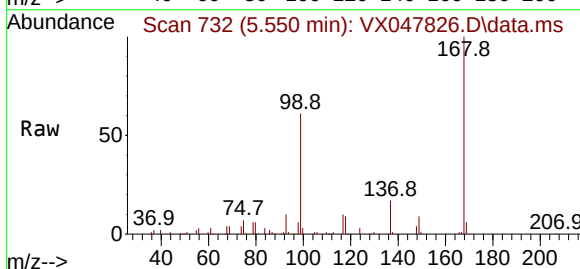
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

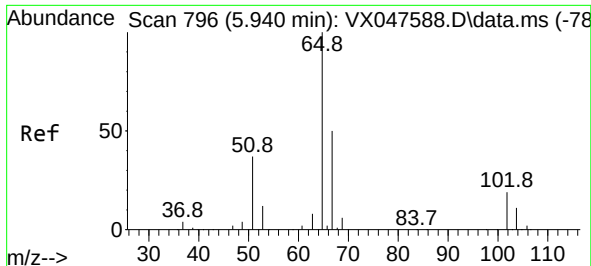
Tgt Ion:	84	Resp:	1113
Ion	Ratio	Lower	Upper
84	100		
49	77.6	108.6	162.8#
51	34.9	32.6	48.8
86	49.8	52.0	78.0#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:	56	Resp:	3067
Ion	Ratio	Lower	Upper
56	100		
69	143.5	23.8	35.8#
84	102.1	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 54.346 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Instrument :

MSVOA_X

ClientSampleId :

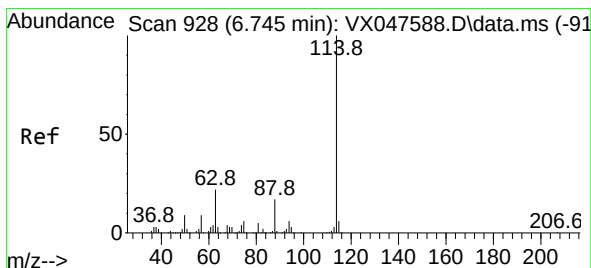
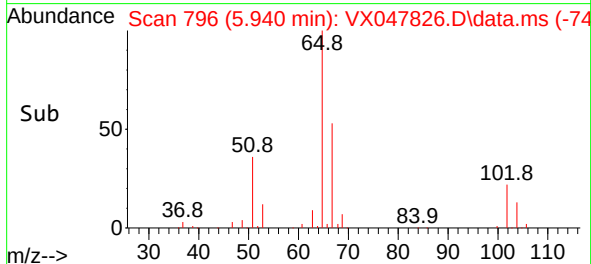
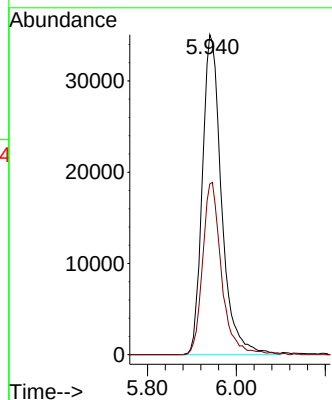
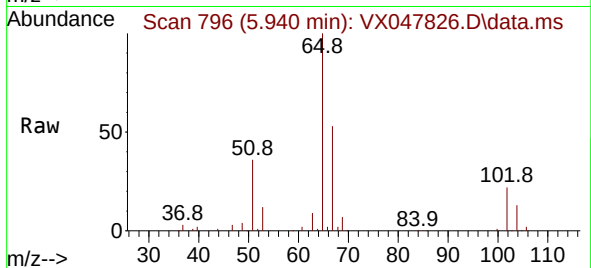
VX0925WBL02

Tgt Ion: 65 Resp: 105522

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

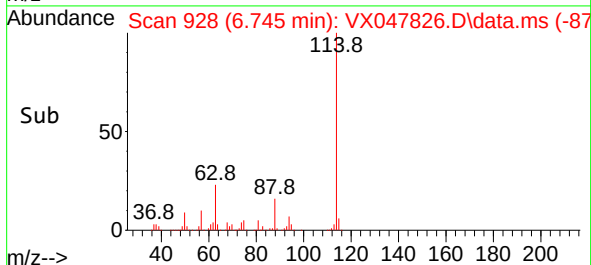
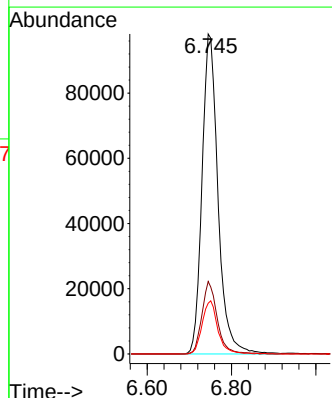
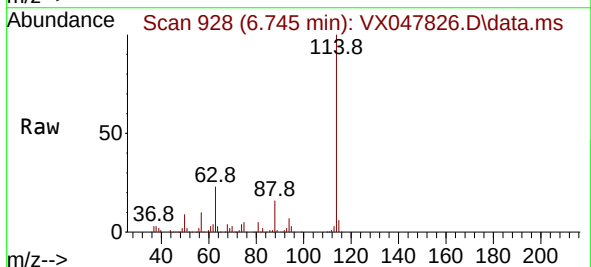
Tgt Ion: 114 Resp: 259174

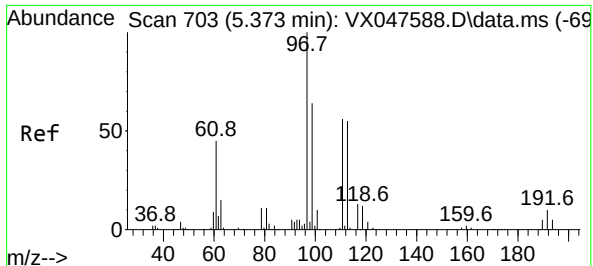
Ion Ratio Lower Upper

114 100

63 25.4 0.0 44.0

88 15.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.774 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBL02

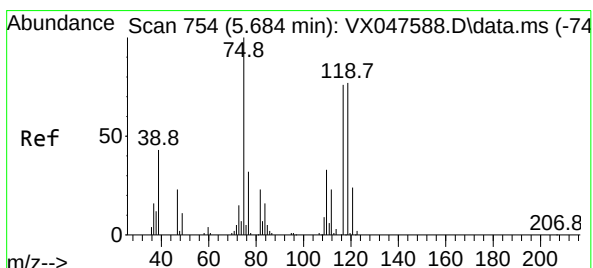
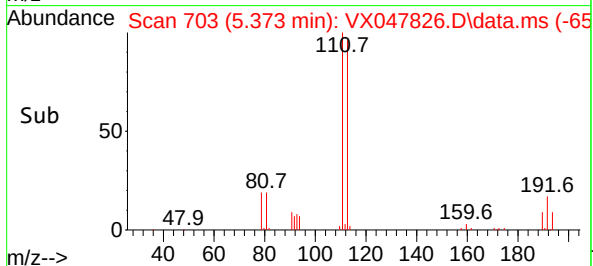
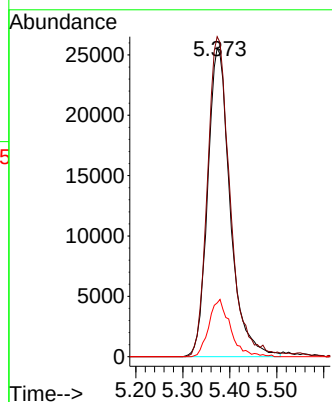
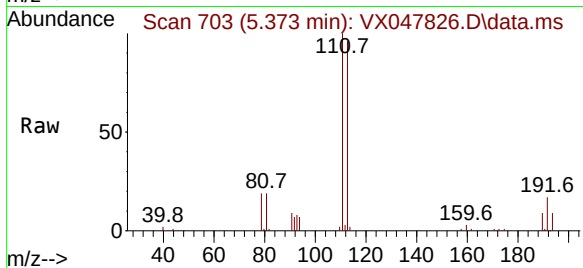
Tgt Ion:113 Resp: 84777

Ion Ratio Lower Upper

113 100

111 105.0 80.9 121.3

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.163 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

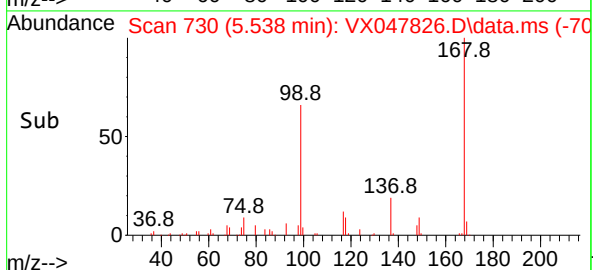
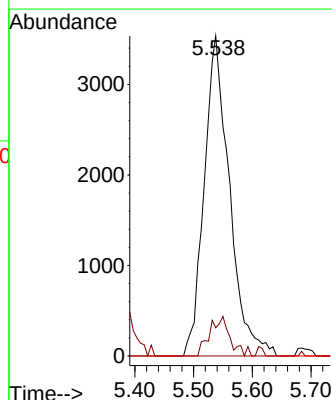
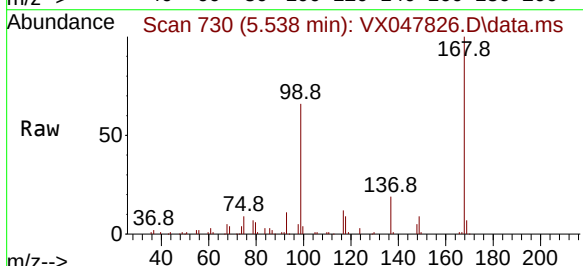
Tgt Ion: 75 Resp: 10573

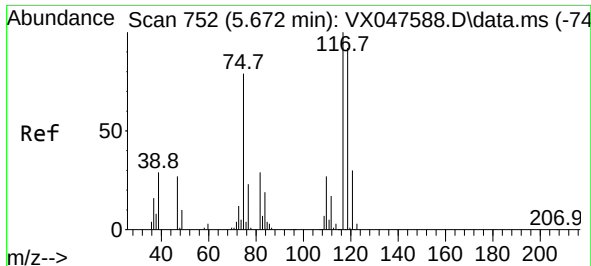
Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.1#

77 0.0 24.3 36.5#

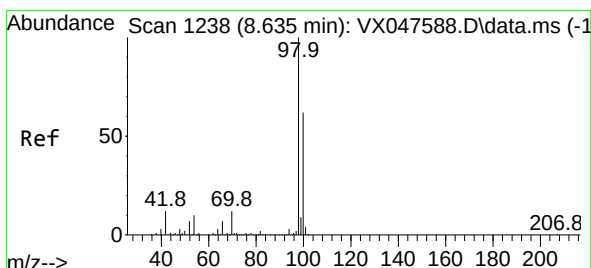
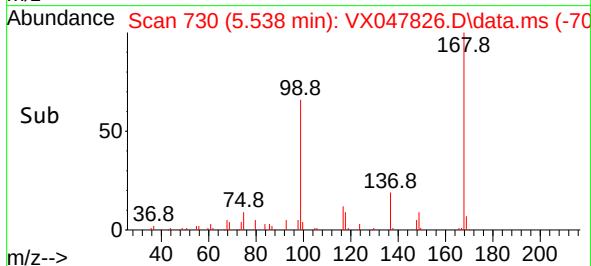
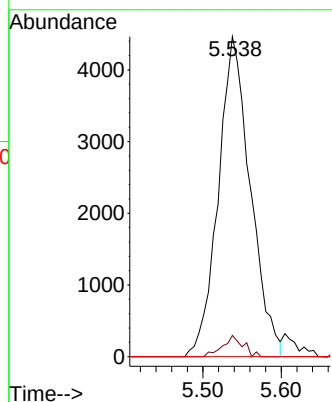
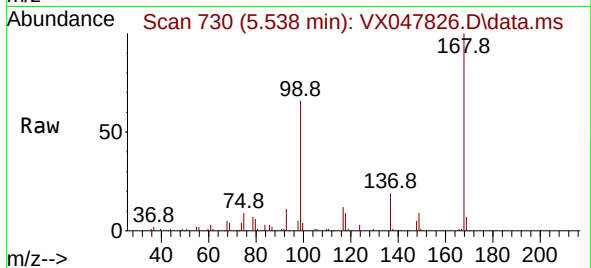




#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

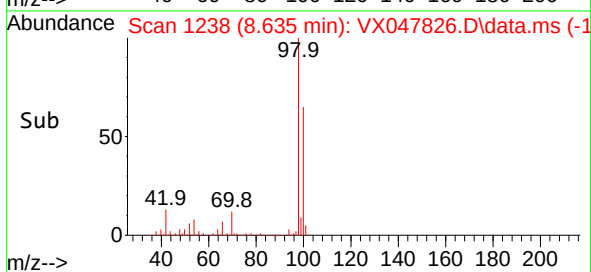
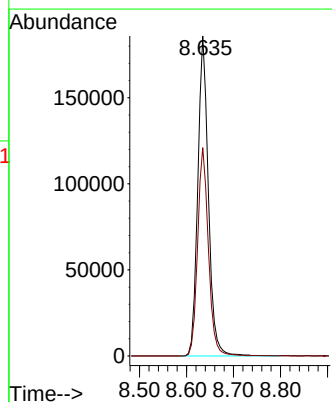
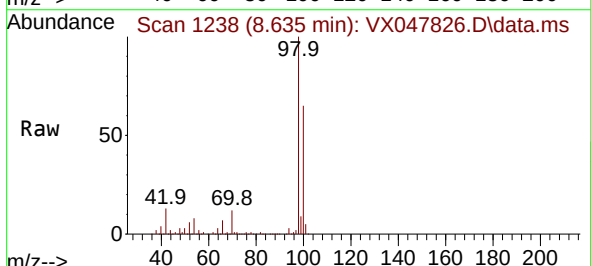
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

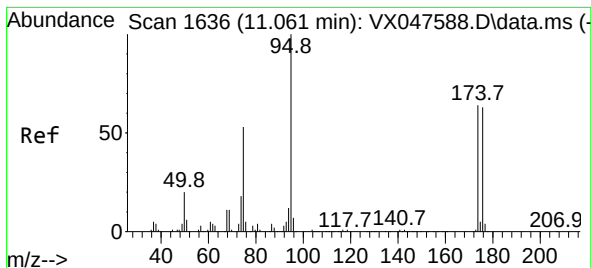
Tgt Ion:117 Resp: 12711
Ion Ratio Lower Upper
117 100
119 6.6 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.698 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 98 Resp: 292890
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

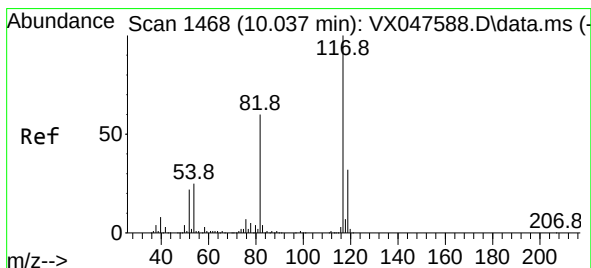
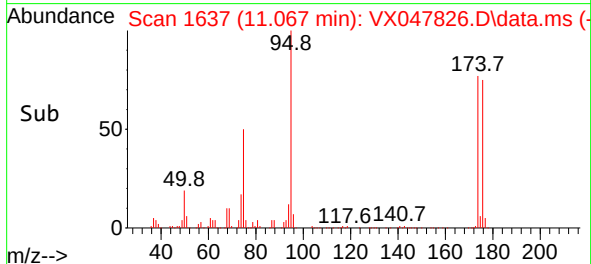
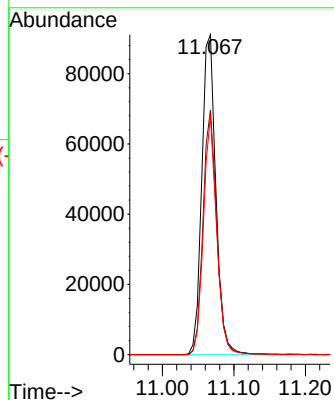
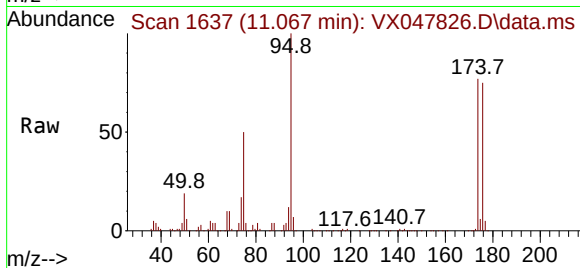




#62
4-Bromofluorobenzene
Concen: 54.807 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

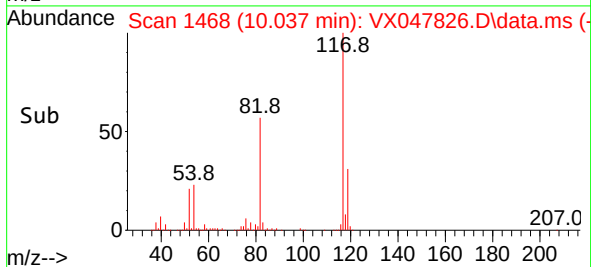
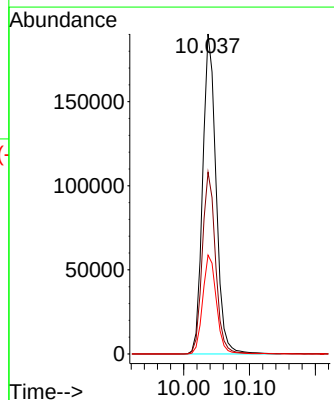
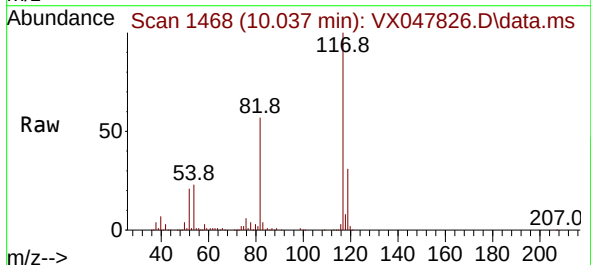
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

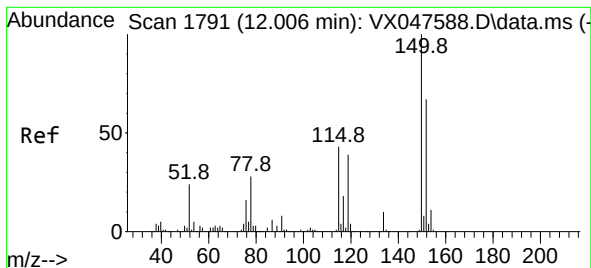
Tgt Ion: 95 Resp: 125101
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 117 Resp: 269510
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.6
119 30.9 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBL02

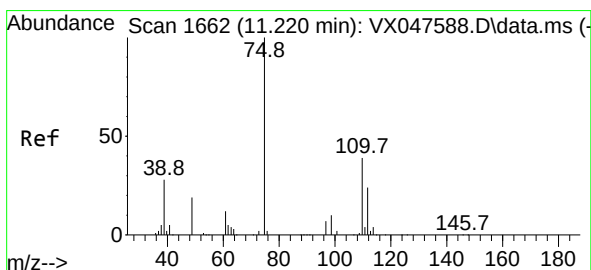
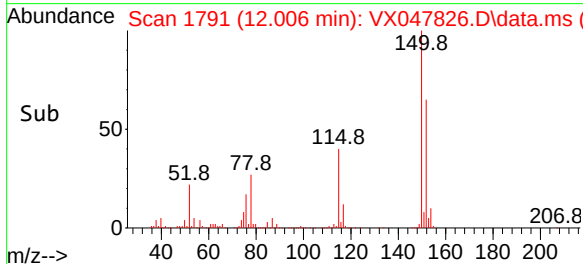
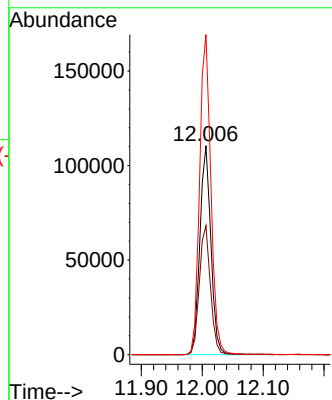
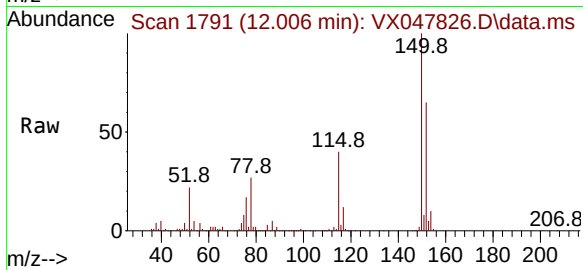
Tgt Ion:152 Resp: 138899

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 156.0 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 23.168 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047826.D

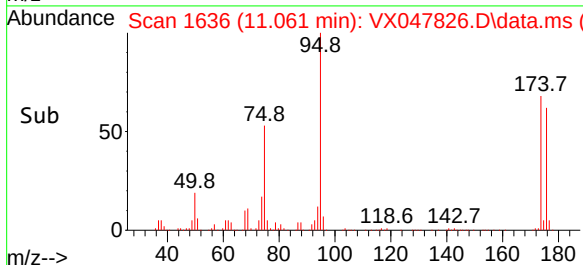
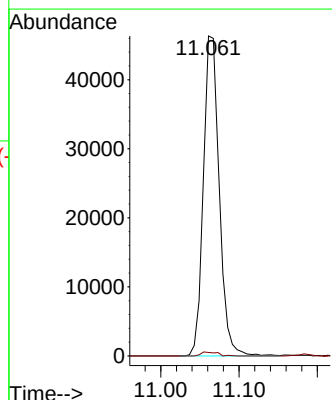
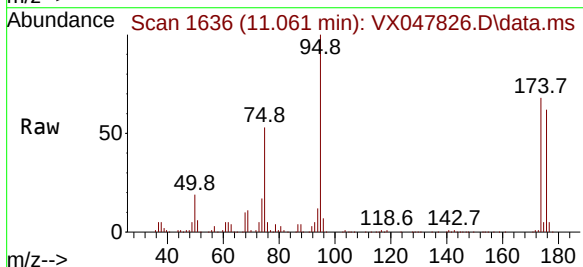
Acq: 26 Sep 2025 02:10

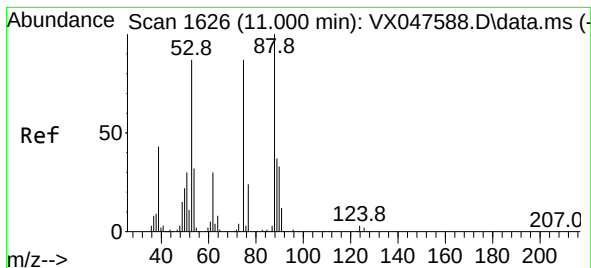
Tgt Ion: 75 Resp: 65156

Ion Ratio Lower Upper

75 100

77 1.3 18.8 56.4#

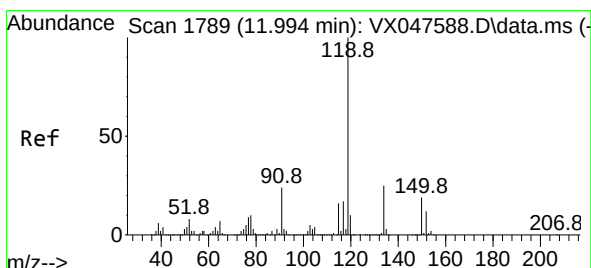
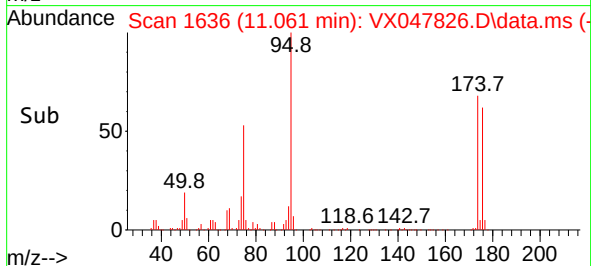
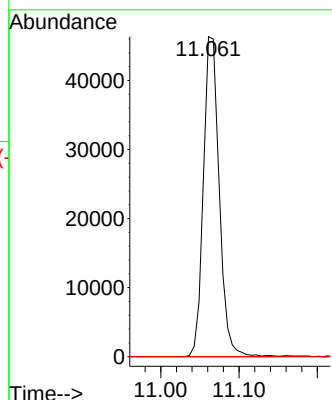
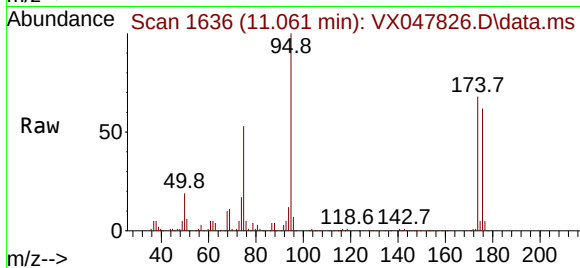




#81
trans-1,4-Dichloro-2-butene
Concen: 59.083 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

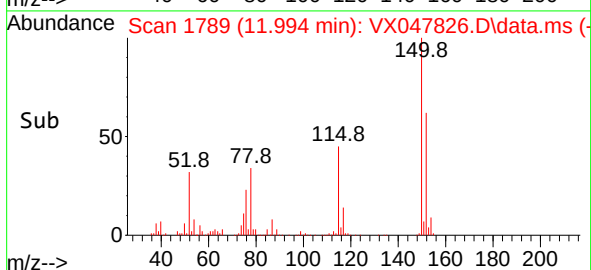
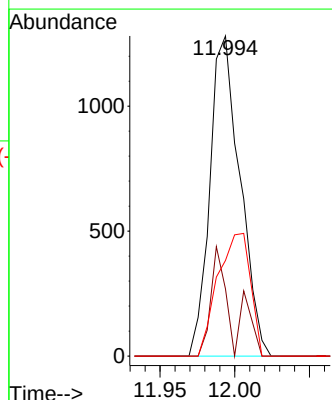
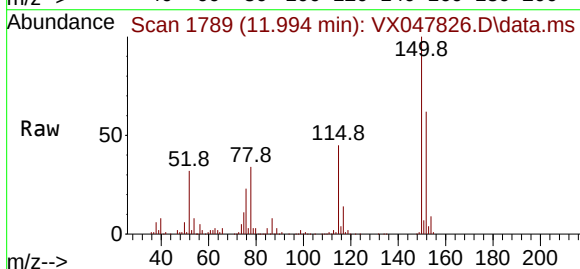
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

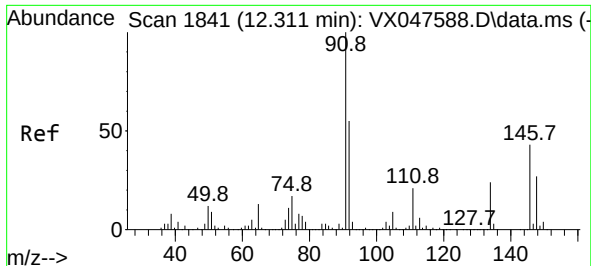
Tgt Ion: 75 Resp: 65156
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 119 Resp: 1797
Ion Ratio Lower Upper
119 100
134 16.5 12.6 37.8
91 41.3 12.6 37.6#





#89

n-Butylbenzene

Concen: 0.283 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBL02

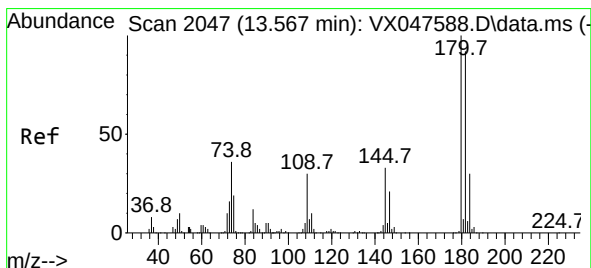
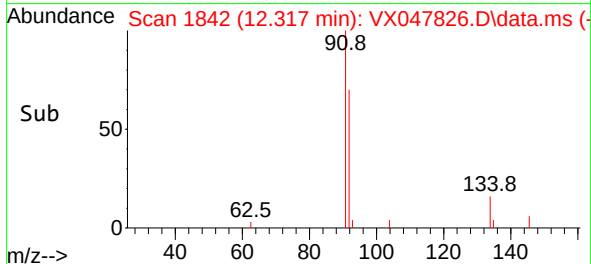
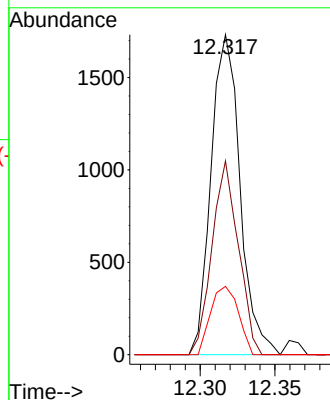
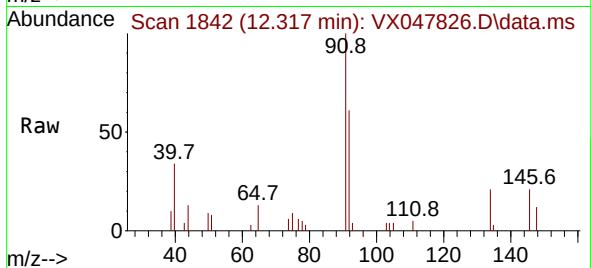
Tgt Ion: 91 Resp: 2338

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.7

134 20.4 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.399 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

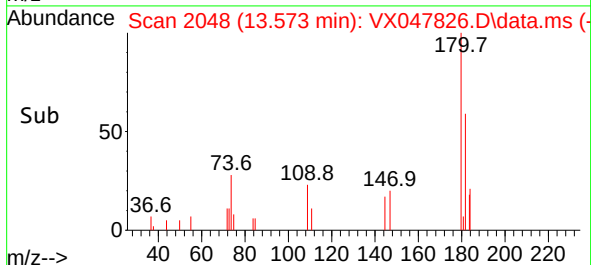
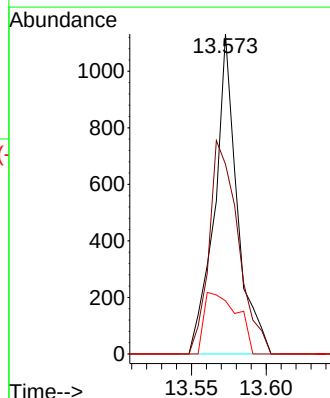
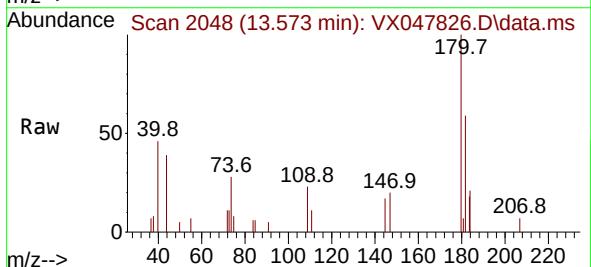
Tgt Ion:180 Resp: 1192

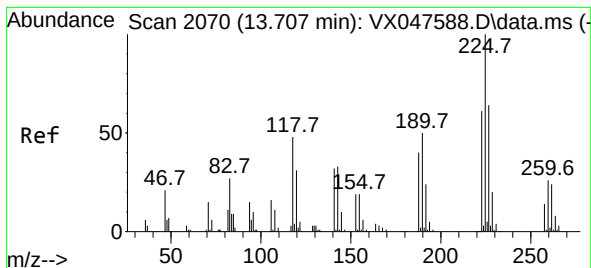
Ion Ratio Lower Upper

180 100

182 85.5 46.6 139.8

145 27.9 16.4 49.1





#94

Hexachlorobutadiene

Concen: 0.911 ug/l

RT: 13.707 min Scan# 2109

Delta R.T. -0.000 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBL02

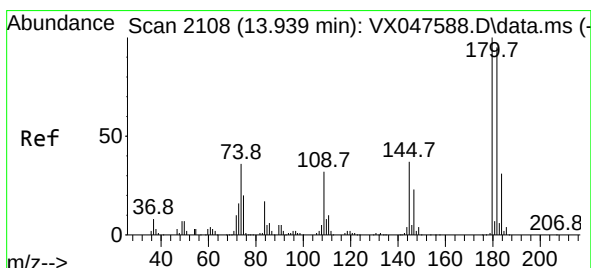
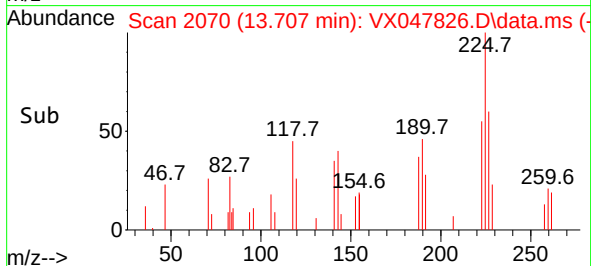
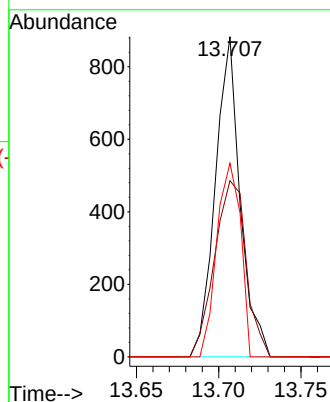
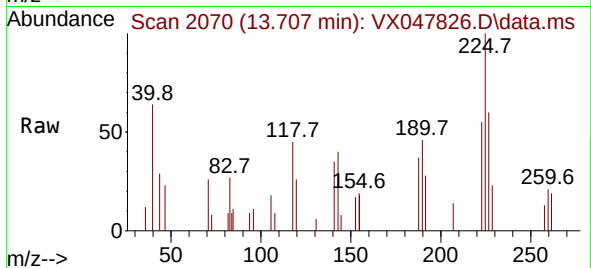
Tgt Ion:225 Resp: 926

Ion Ratio Lower Upper

225 100

223 70.1 31.7 95.1

227 58.1 32.0 96.0



#96

1,2,3-Trichlorobenzene

Concen: 0.323 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX047826.D

Acq: 26 Sep 2025 02:10

Tgt Ion:180 Resp: 900

Ion Ratio Lower Upper

180 100

182 91.8 47.6 142.8

145 36.4 17.9 53.7

