

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046833.D
 Acq On : 30 Jun 2025 11:09
 Operator : JC/MD
 Sample : Q2461-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

Quant Time: Jul 01 05:18:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

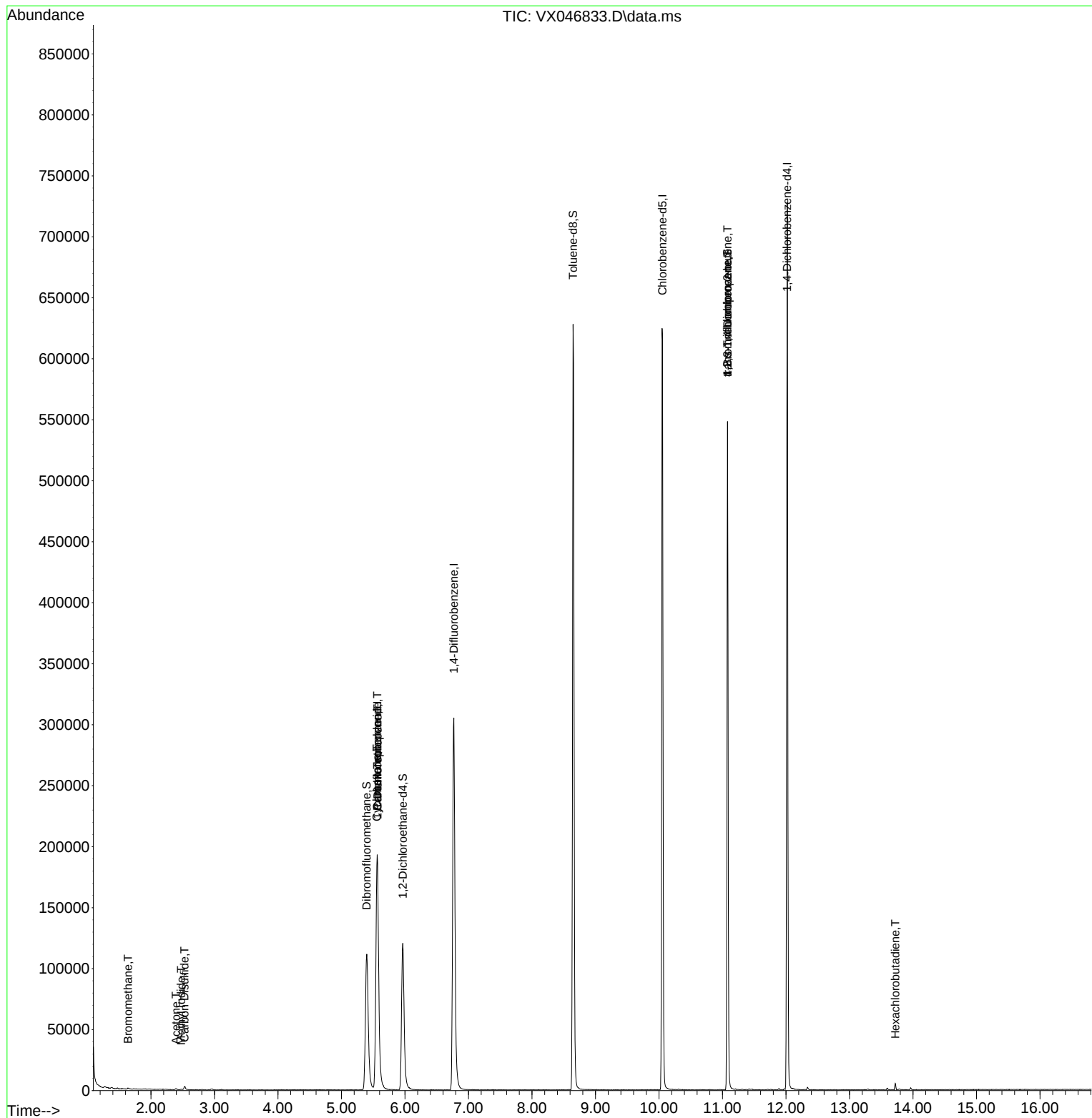
Internal Standards						
1) Pentafluorobenzene	5.562	168	200980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	336022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126656	45.561	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.120%		
35) Dibromofluoromethane	5.397	113	108956	49.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	8.647	98	385301	48.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	143875	48.321	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	509	0.366	ug/l	96
10) Methyl Iodide	2.477	142	916	4.624	ug/l #	56
16) Acetone	2.392	43	1392	1.502	ug/l #	80
17) Carbon Disulfide	2.526	76	3426	0.511	ug/l	95
31) Cyclohexane	5.556	56	4056	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	15702	4.893	ug/l #	51
38) Carbon Tetrachloride	5.562	117	19985	5.738	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	73027	27.895	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	73027	78.848	ug/l #	7
94) Hexachlorobutadiene	13.719	225	841	0.609	ug/l	95

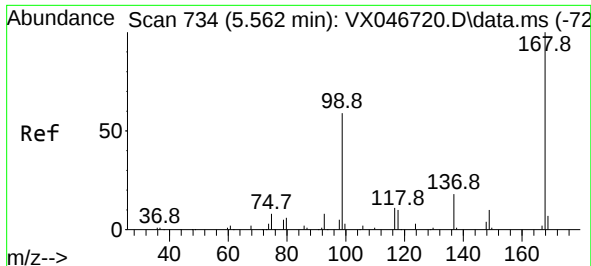
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
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Quant Time: Jul 01 05:18:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

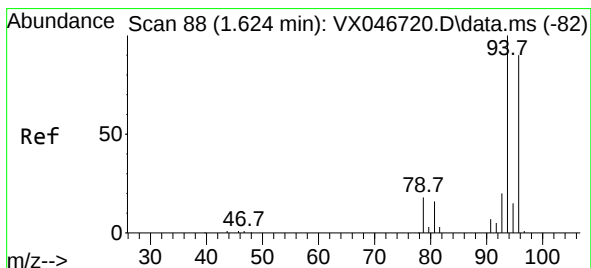
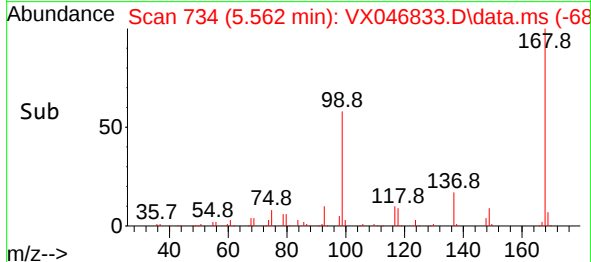
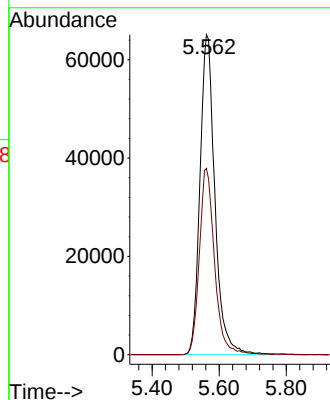
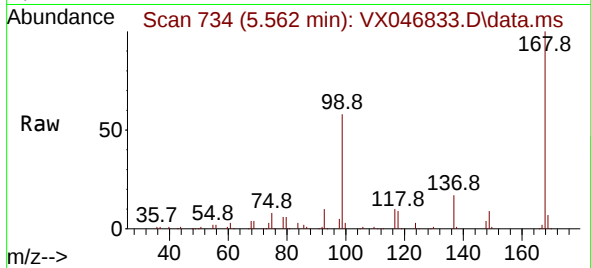




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

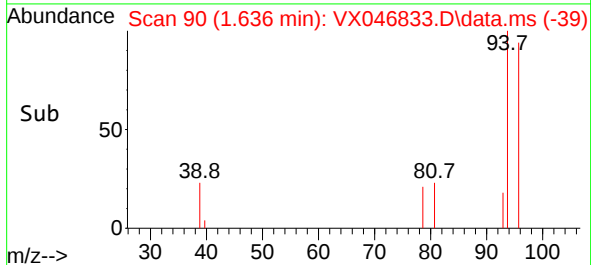
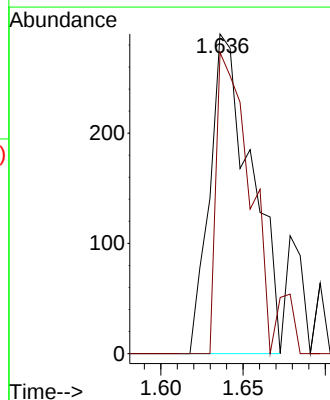
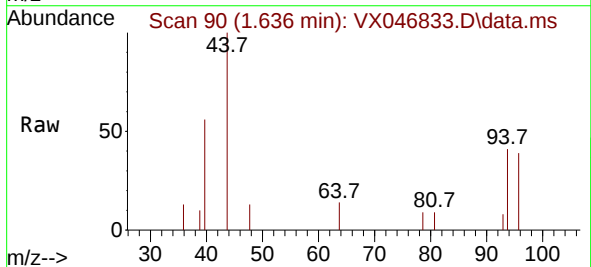
Instrument :
MSVOA_X
ClientSampleId :
SW-3

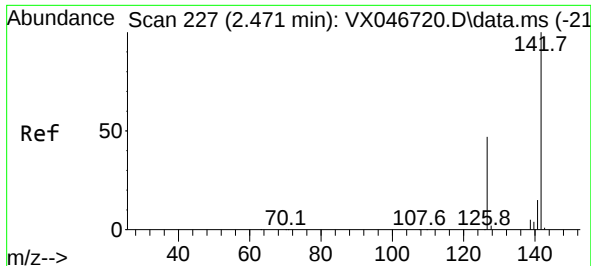
Tgt Ion:168 Resp: 200980
Ion Ratio Lower Upper
168 100
99 58.2 48.5 72.7



#5
Bromomethane
Concen: 0.366 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 94.1 72.3 108.5

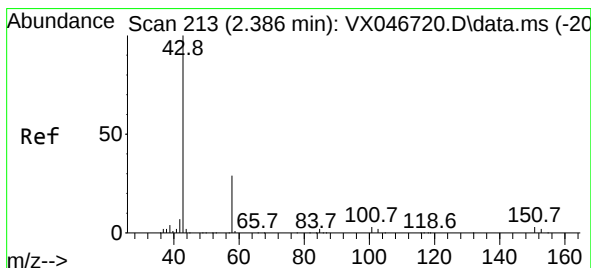
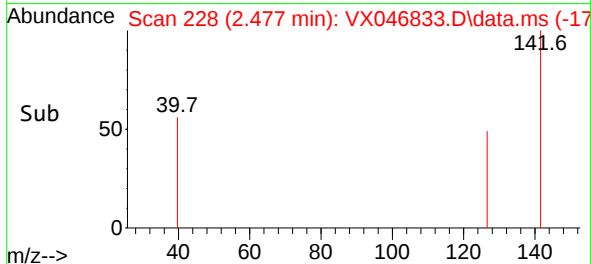
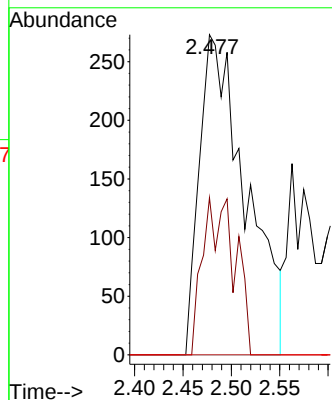
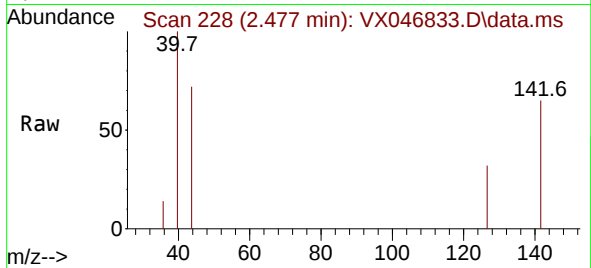




#10
Methyl Iodide
Concen: 4.624 ug/l
RT: 2.477 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

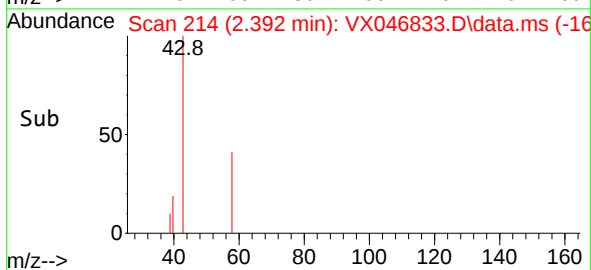
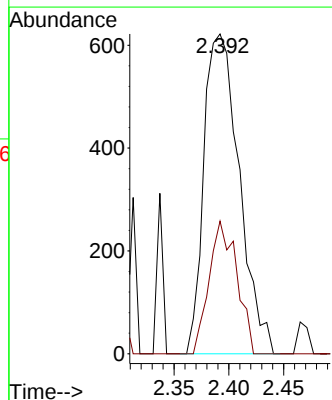
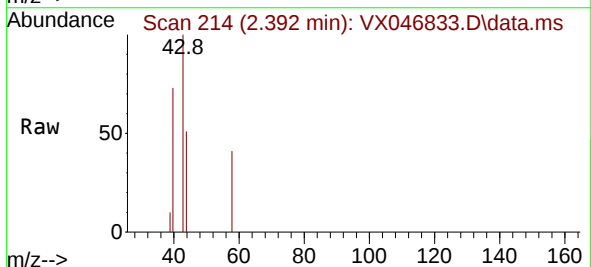
Instrument :
MSVOA_X
ClientSampleId :
SW-3

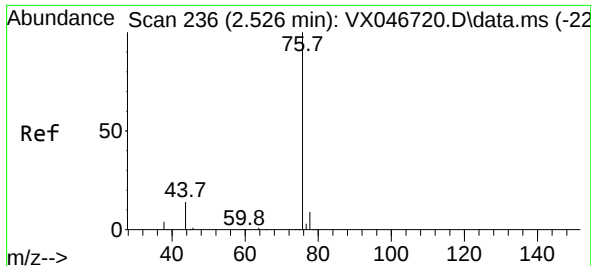
Tgt Ion:142 Resp: 916
Ion Ratio Lower Upper
142 100
127 15.1 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 1.502 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 41.5 24.5 36.7#





#17

Carbon Disulfide

Concen: 0.511 ug/l

RT: 2.526 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046833.D

Acq: 30 Jun 2025 11:09

Instrument :

MSVOA_X

ClientSampleId :

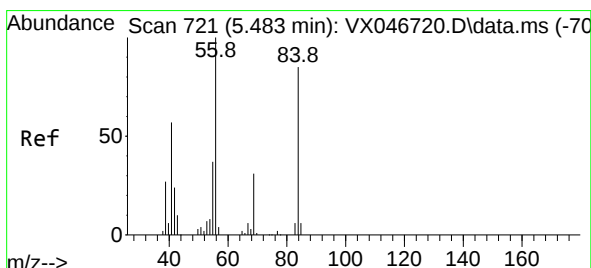
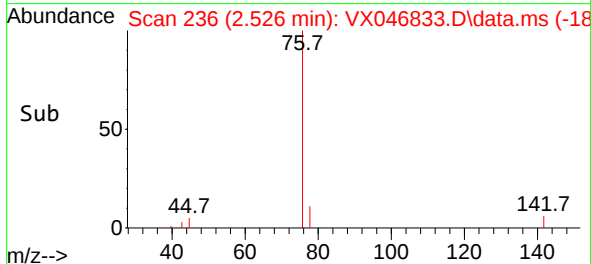
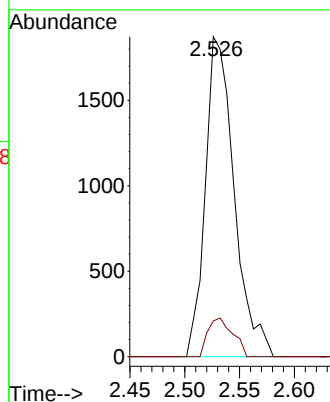
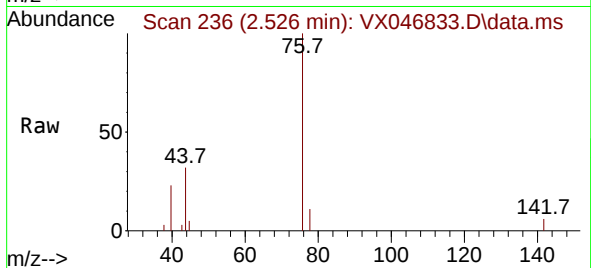
SW-3

Tgt Ion: 76 Resp: 3426

Ion Ratio Lower Upper

76 100

78 11.2 7.5 11.3



#31

Cyclohexane

Concen: 0.974 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX046833.D

Acq: 30 Jun 2025 11:09

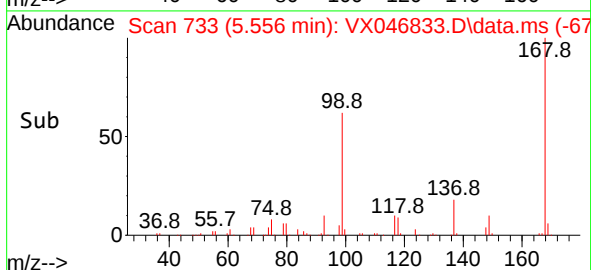
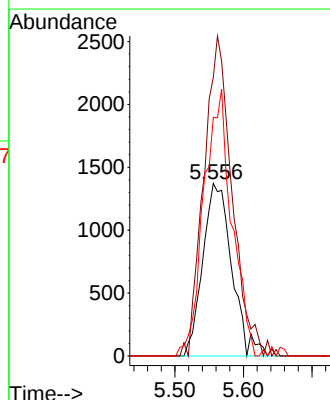
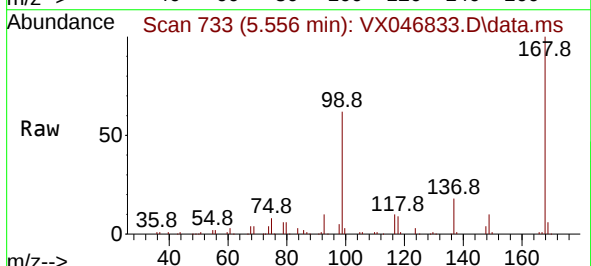
Tgt Ion: 56 Resp: 4056

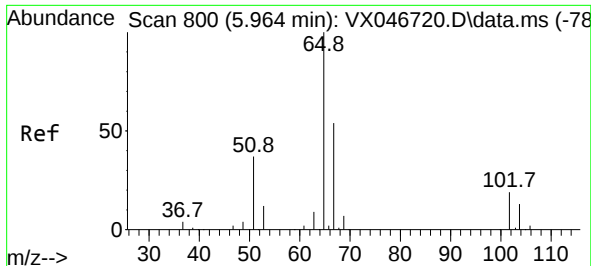
Ion Ratio Lower Upper

56 100

69 161.4 24.8 37.2#

84 133.2 68.2 102.2#

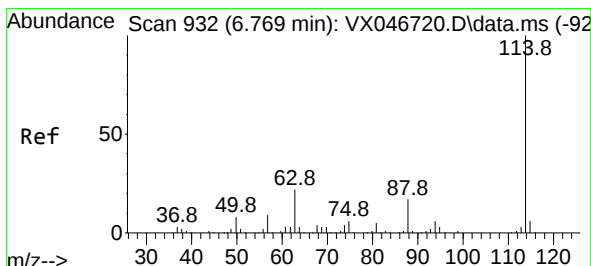
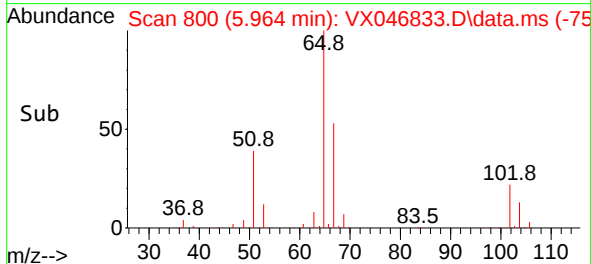
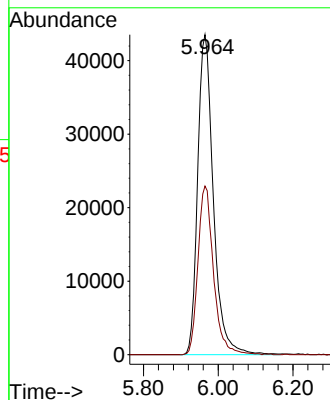
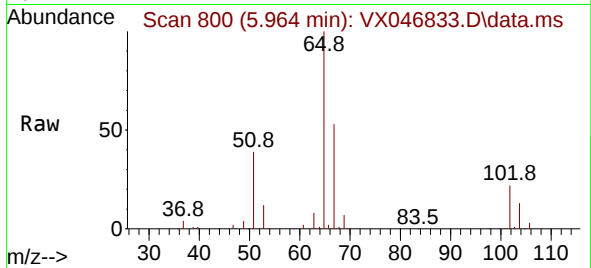




#33
 1,2-Dichloroethane-d4
 Concen: 45.561 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX046833.D
 Acq: 30 Jun 2025 11:09

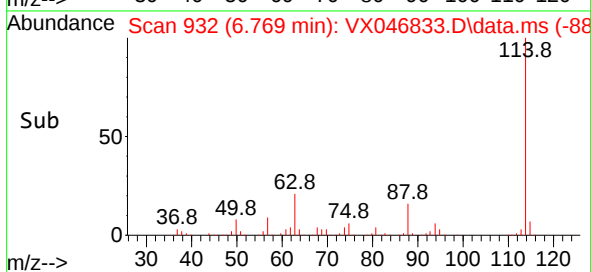
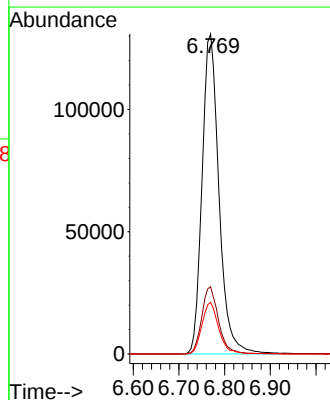
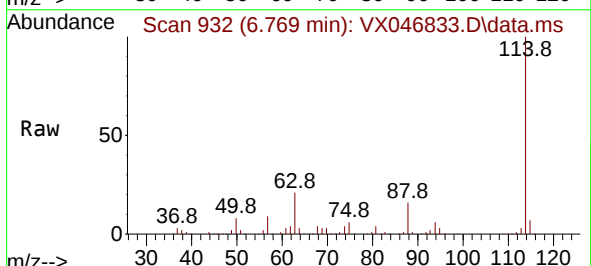
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

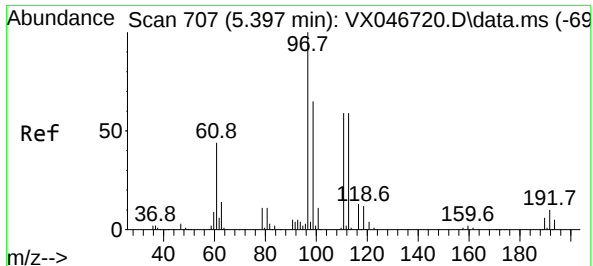
Tgt Ion: 65 Resp: 126656
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046833.D
 Acq: 30 Jun 2025 11:09

Tgt Ion: 114 Resp: 336022
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX046833.D

Acq: 30 Jun 2025 11:09

Instrument :

MSVOA_X

ClientSampleId :

SW-3

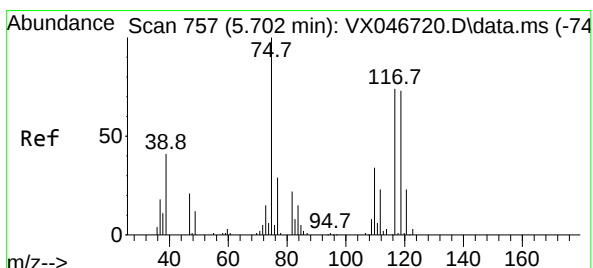
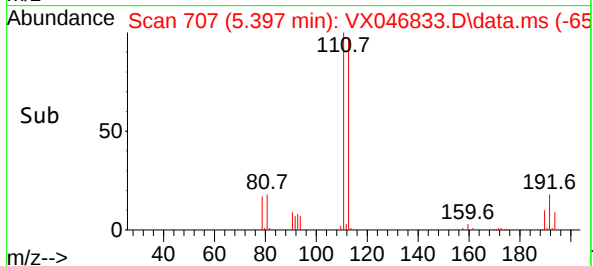
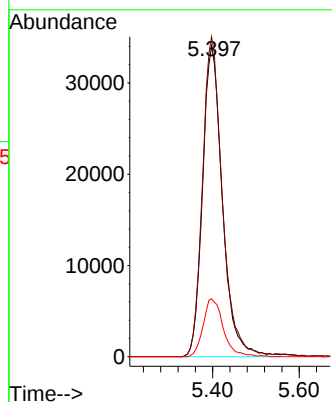
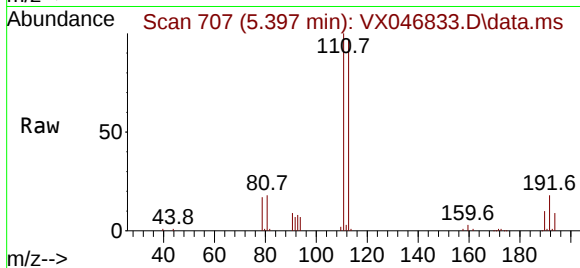
Tgt Ion:113 Resp: 108956

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.7 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX046833.D

Acq: 30 Jun 2025 11:09

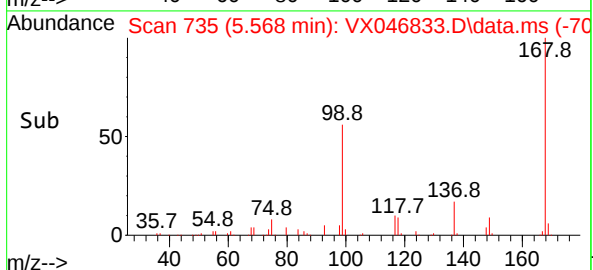
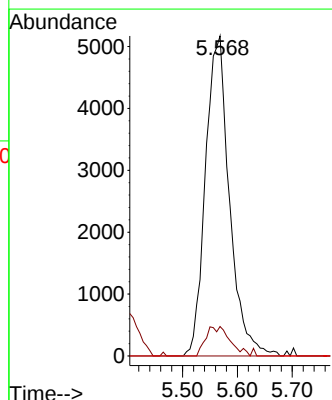
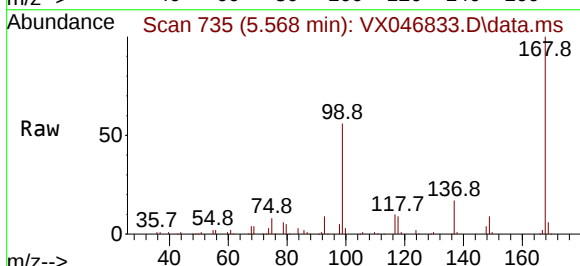
Tgt Ion: 75 Resp: 15702

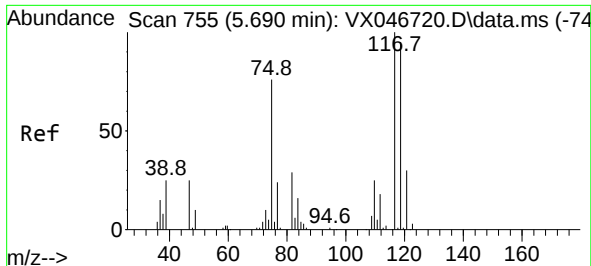
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.5#

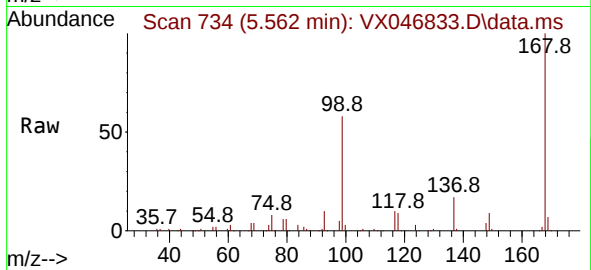
77 0.0 24.2 36.4#



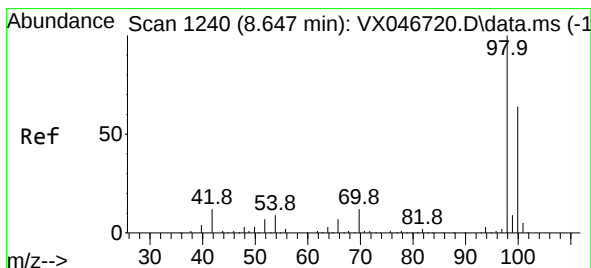
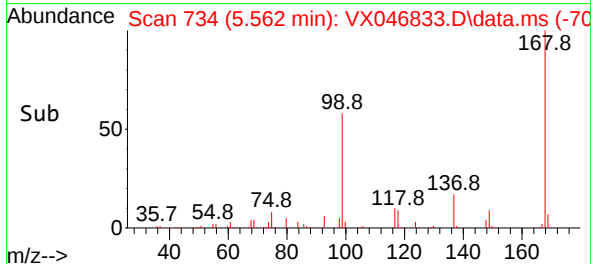
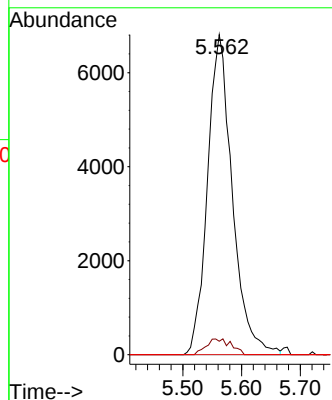


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Instrument :
MSVOA_X
ClientSampleId :
SW-3

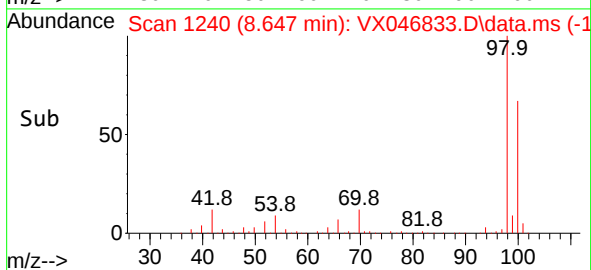
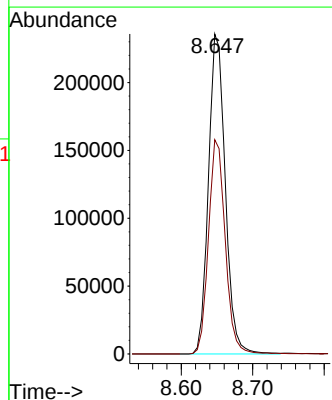
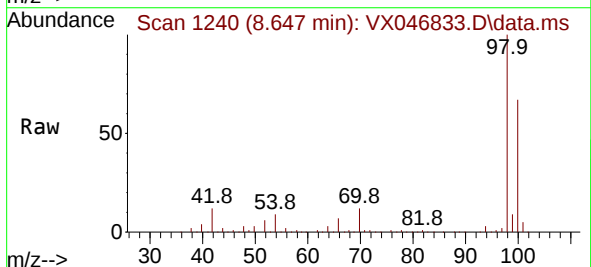


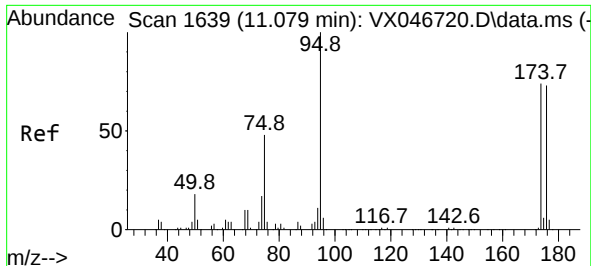
Tgt Ion:117 Resp: 19985
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 48.238 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 98 Resp: 385301
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

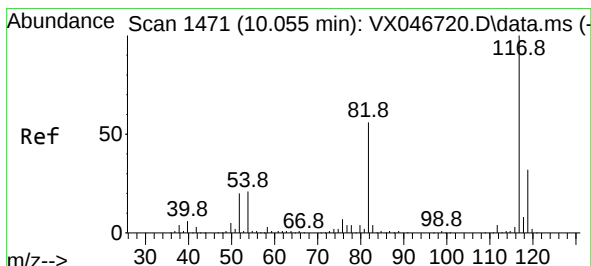
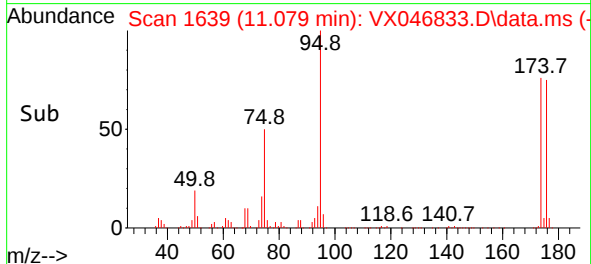
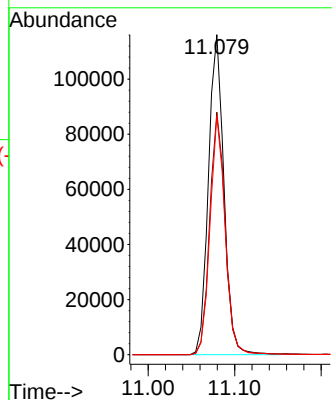
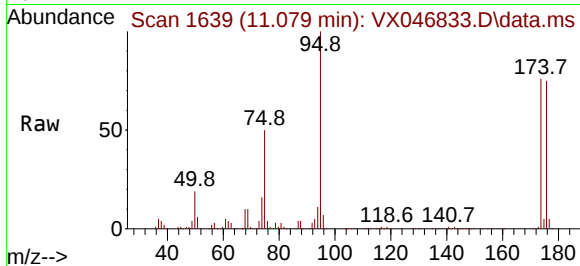




#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

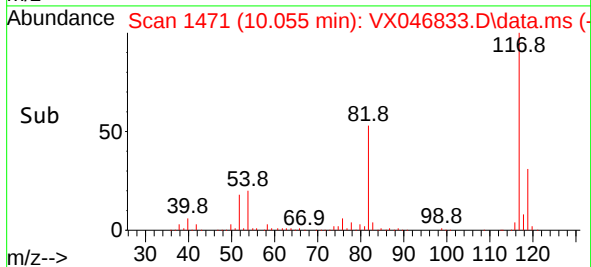
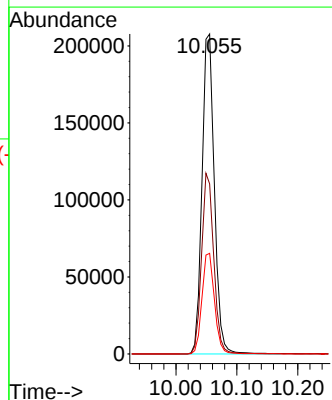
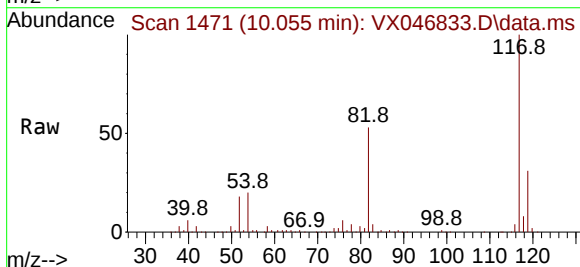
Instrument :
MSVOA_X
ClientSampleId :
SW-3

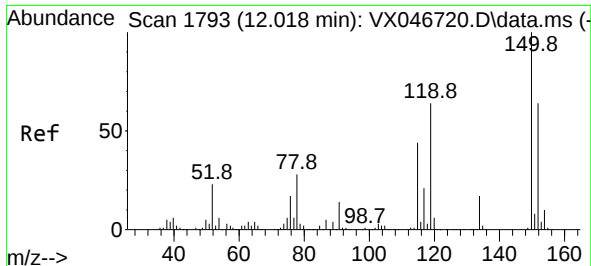
Tgt Ion: 95 Resp: 143875
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.4
176 72.9 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 117 Resp: 293140
Ion Ratio Lower Upper
117 100
82 53.1 44.6 66.8
119 31.4 25.8 38.8

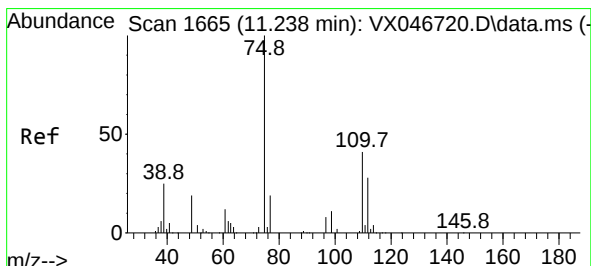
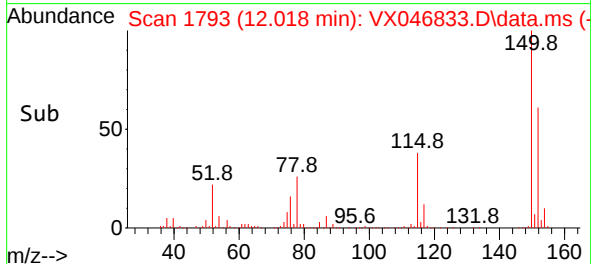
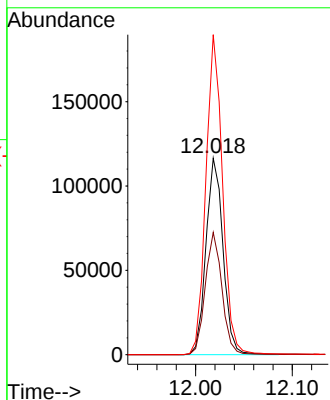
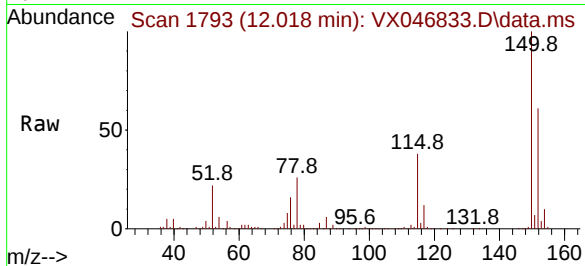




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046833.D
 Acq: 30 Jun 2025 11:09

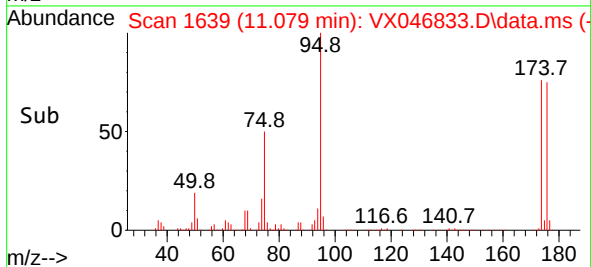
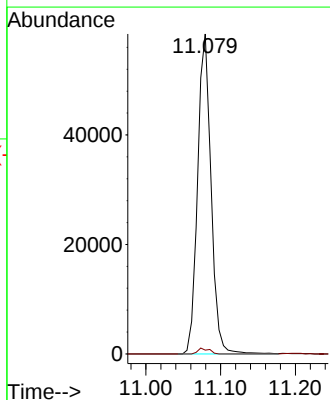
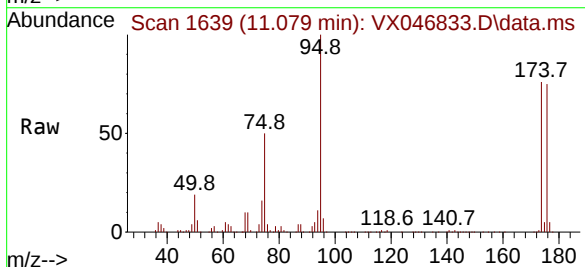
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

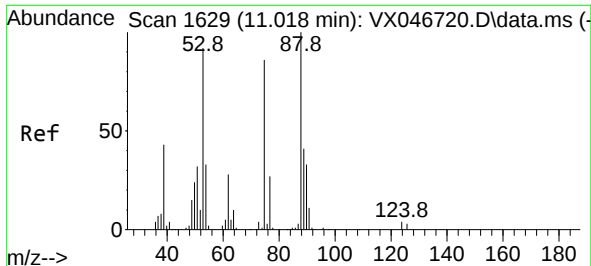
Tgt Ion:152 Resp: 142936
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.2 129.6
 150 159.3 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.895 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046833.D
 Acq: 30 Jun 2025 11:09

Tgt Ion: 75 Resp: 73027
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.5 55.5#

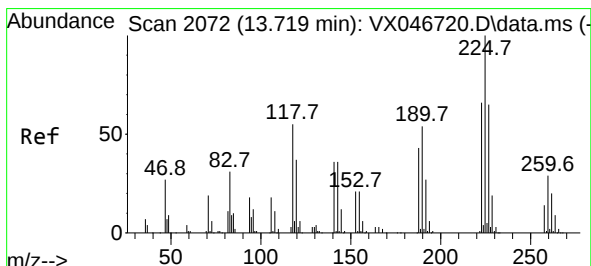
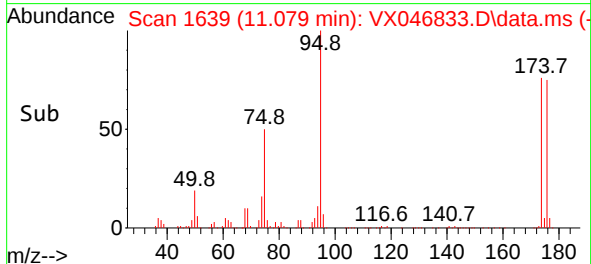
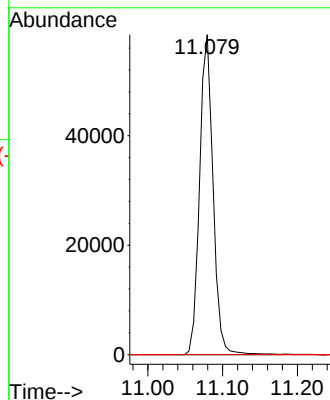
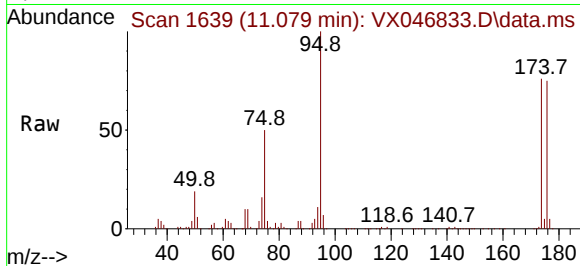




#81
trans-1,4-Dichloro-2-butene
Concen: 78.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion: 75 Resp: 73027
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.609 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 225 Resp: 841
Ion Ratio Lower Upper
225 100
223 61.2 32.5 97.5
227 68.7 32.2 96.6

