

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009077.D
 Acq On : 24 May 2022 21:10
 Operator : KP/MD
 Sample : N2981-10
 Misc : 3.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(2-2.5)

Quant Time: May 25 02:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

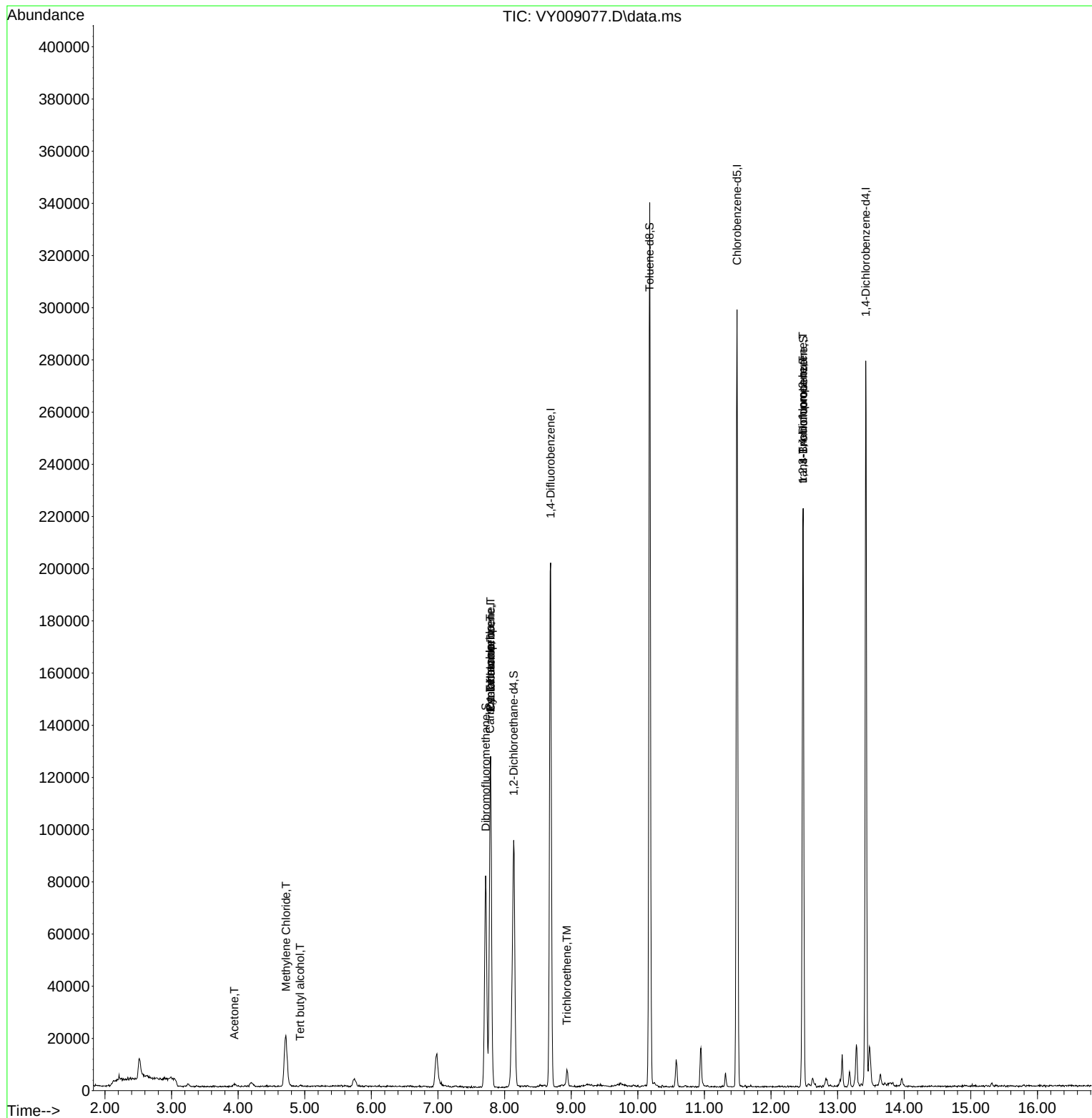
Internal Standards						
1) Pentafluorobenzene	7.789	168	94489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56761	58.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.740%	
35) Dibromofluoromethane	7.716	113	53100	50.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.900%	
50) Toluene-d8	10.179	98	207808	53.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.483	95	57355	36.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	258	2.616	ug/l #	77
16) Acetone	3.942	43	1669	8.245	ug/l	93
20) Methylene Chloride	4.716	84	14711	5.892	ug/l	84
31) Cyclohexane	7.789	56	2553	1.342	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	8489	4.739	ug/l #	51
38) Carbon Tetrachloride	7.783	117	9651	5.150	ug/l #	15
44) Trichloroethene	8.935	130	1958	1.432	ug/l	91
76) 1,2,3-Trichloropropane	12.477	75	33728	48.290	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33728	99.116	ug/l #	7

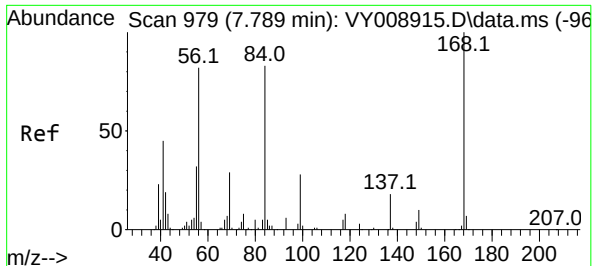
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11(2-2.5)

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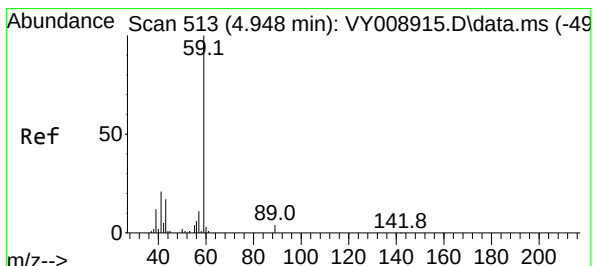
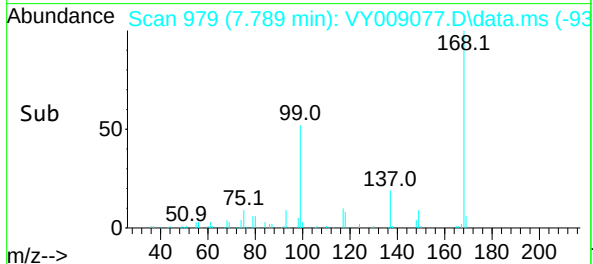
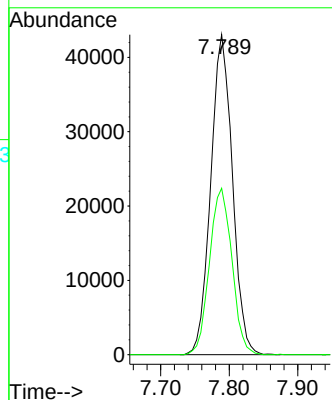
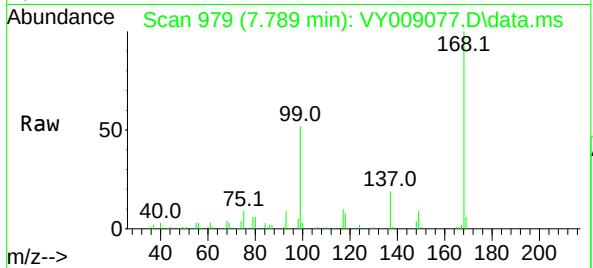




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

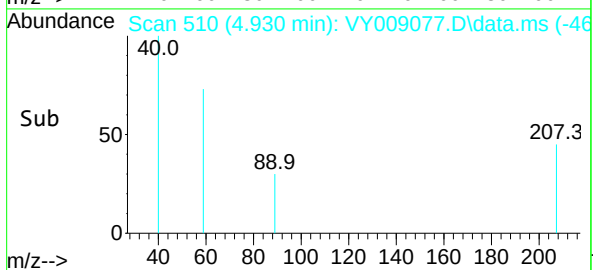
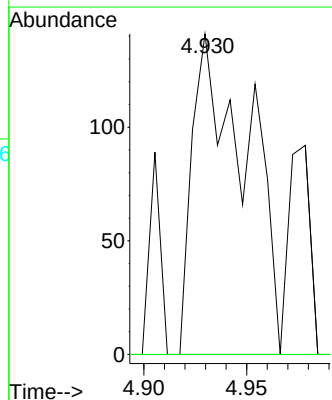
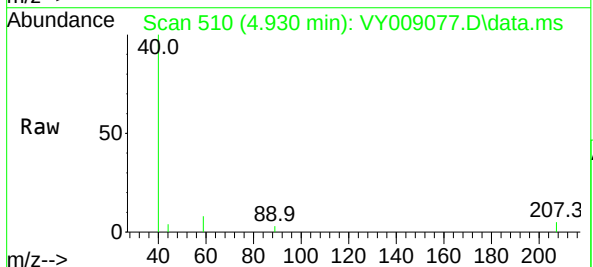
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

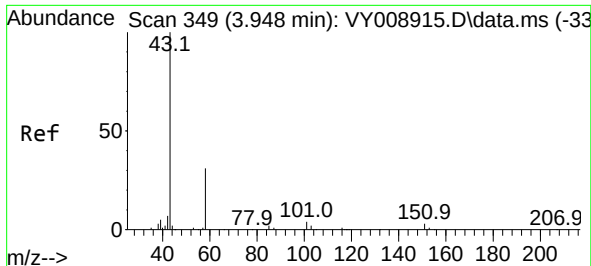
Tgt Ion:168 Resp: 94489
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.616 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

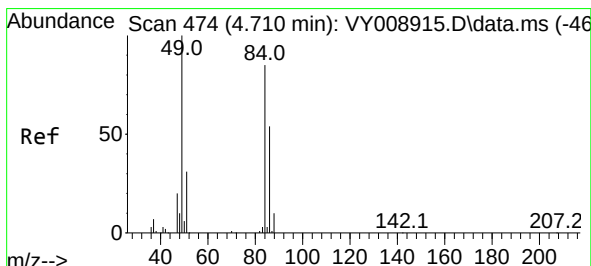
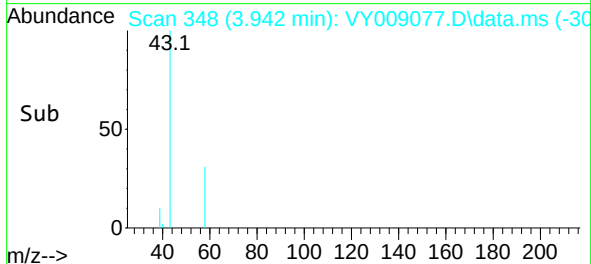
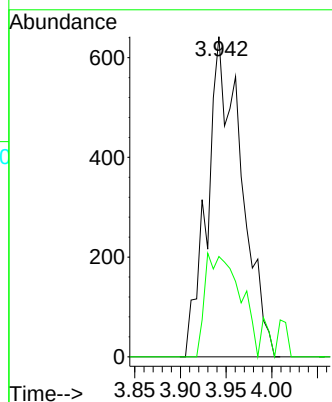
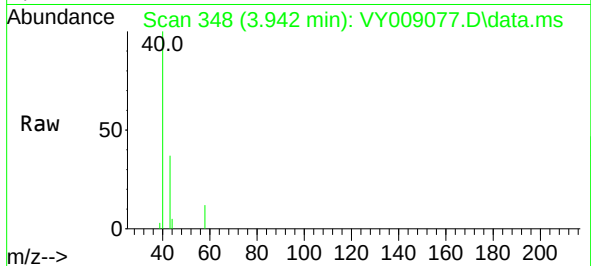




#16
Acetone
Concen: 8.245 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

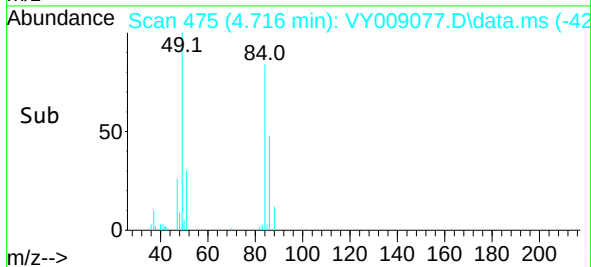
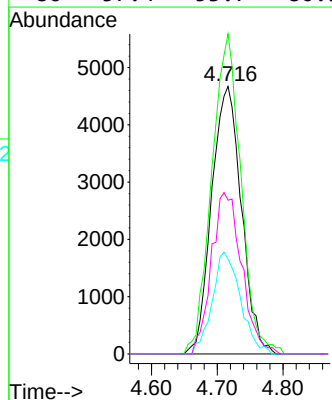
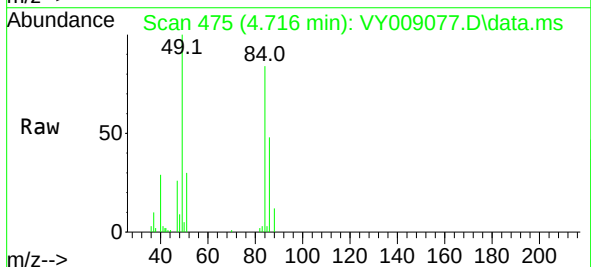
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

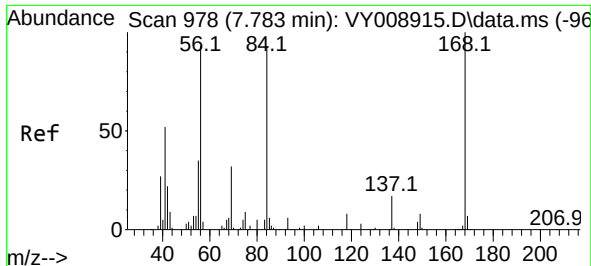
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0



#20
Methylene Chloride
Concen: 5.892 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 84 Resp: 14711
Ion Ratio Lower Upper
84 100
49 119.6 114.4 171.6
51 35.5 35.3 52.9
86 57.4 53.7 80.5

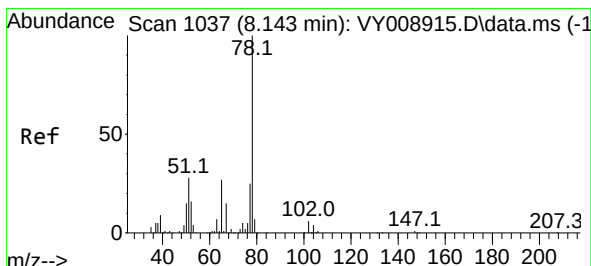
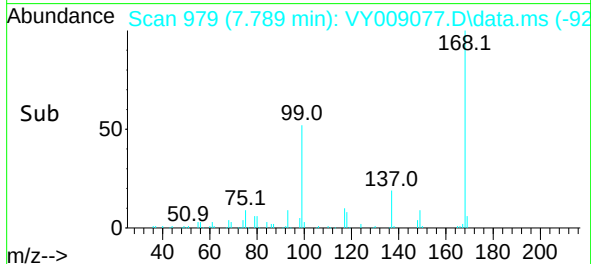
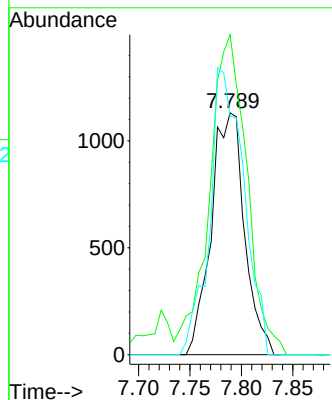
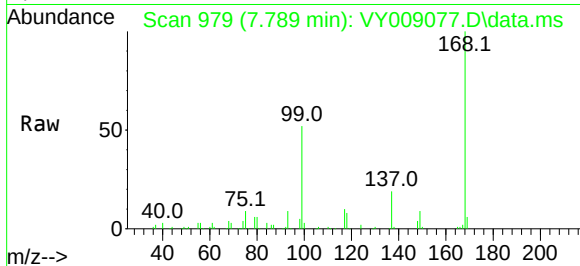




#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

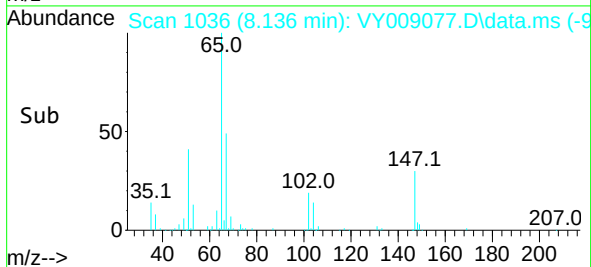
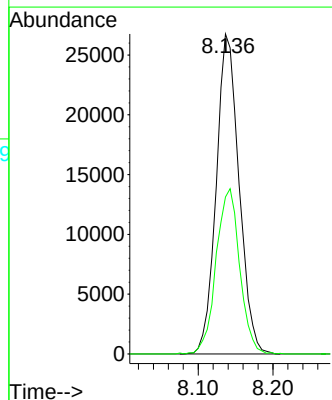
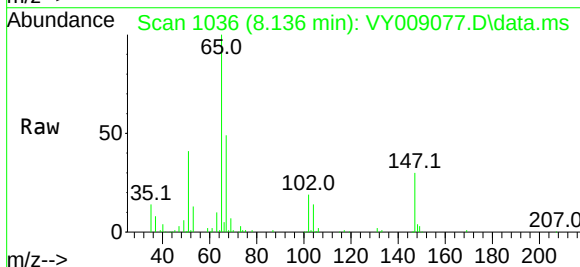
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

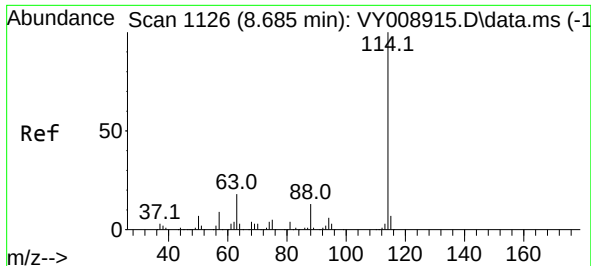
Tgt Ion: 56 Resp: 2553
Ion Ratio Lower Upper
56 100
69 126.9 26.7 40.1#
84 98.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 58.368 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 65 Resp: 56761
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009077.D

Acq: 24 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-11(2-2.5)

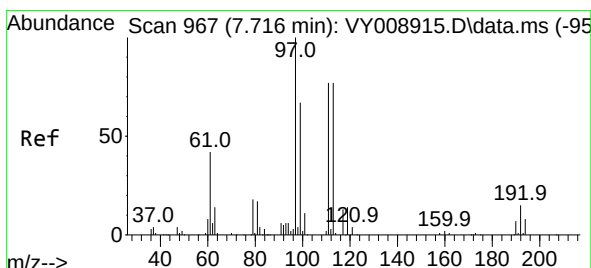
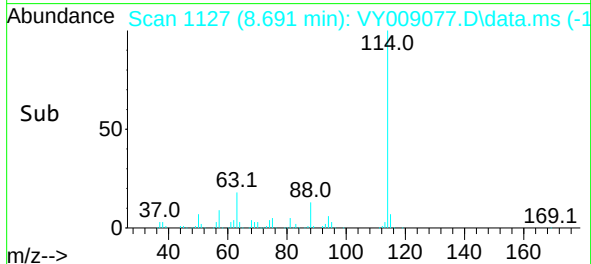
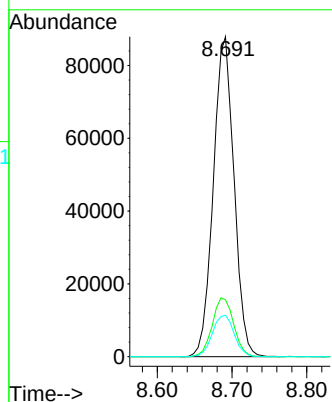
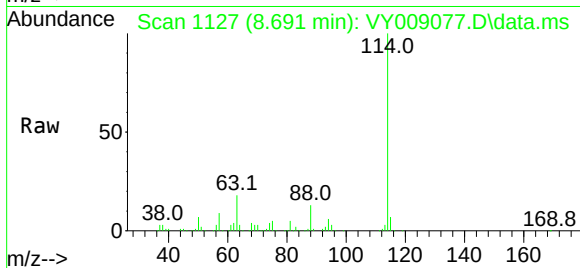
Tgt Ion:114 Resp: 169273

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.446 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009077.D

Acq: 24 May 2022 21:10

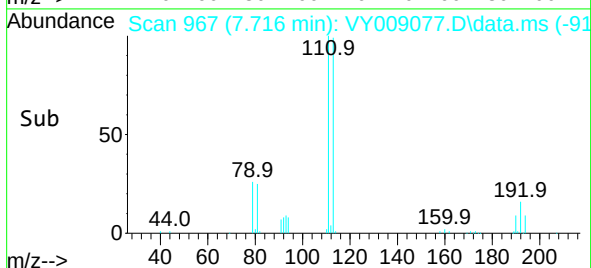
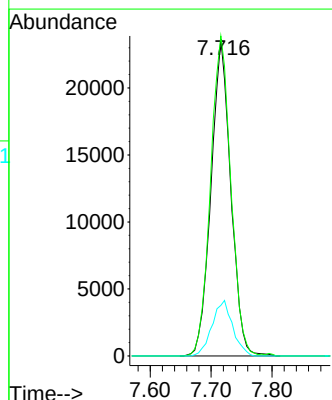
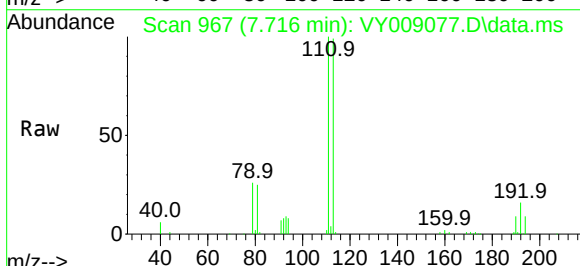
Tgt Ion:113 Resp: 53100

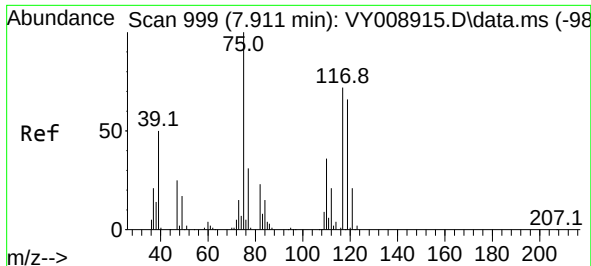
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.739 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009077.D

Acq: 24 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-11(2-2.5)

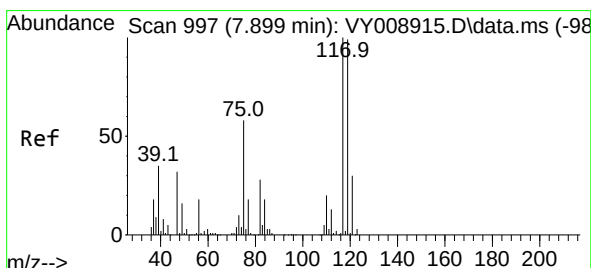
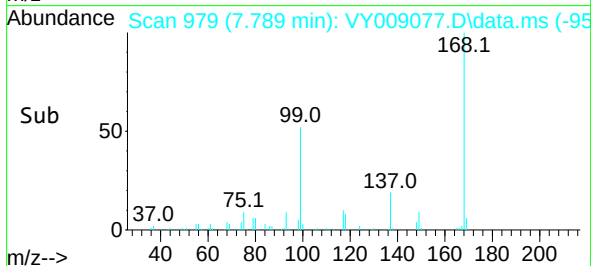
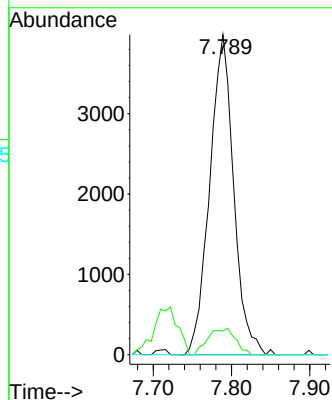
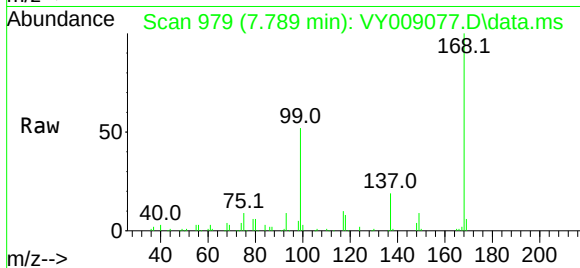
Tgt Ion: 75 Resp: 8489

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.150 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009077.D

Acq: 24 May 2022 21:10

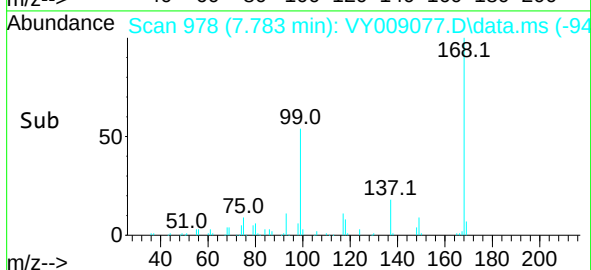
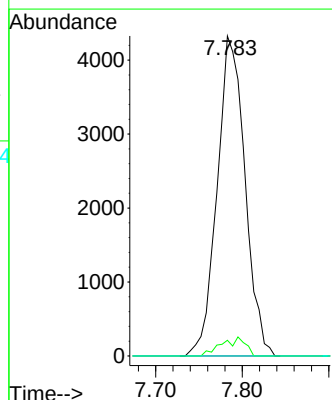
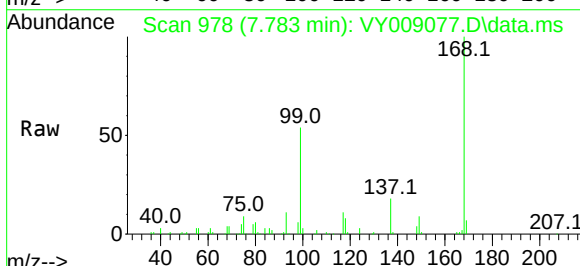
Tgt Ion: 117 Resp: 9651

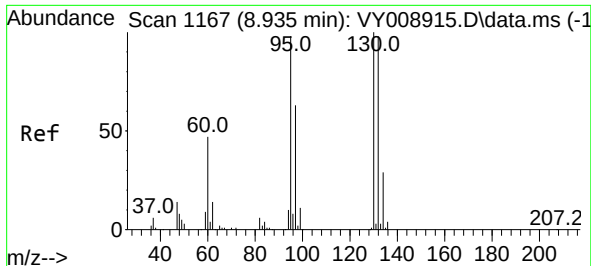
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#

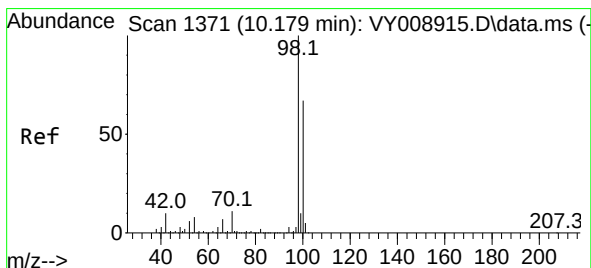
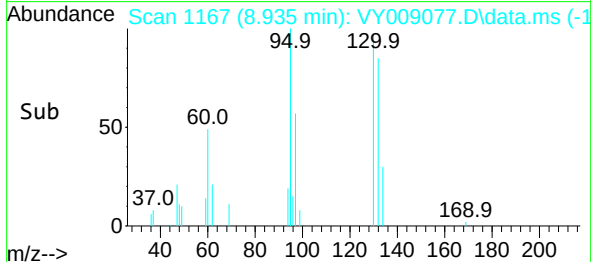
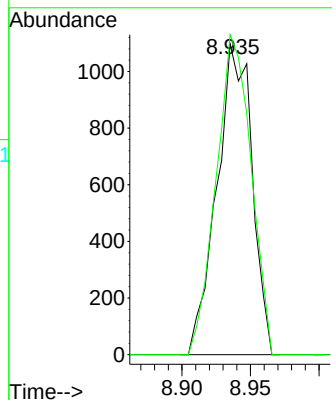
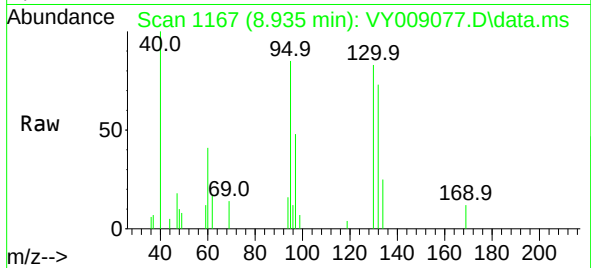




#44
 Trichloroethene
 Concen: 1.432 ug/l
 RT: 8.935 min Scan# 1167
 Delta R.T. 0.000 min
 Lab File: VY009077.D
 Acq: 24 May 2022 21:10

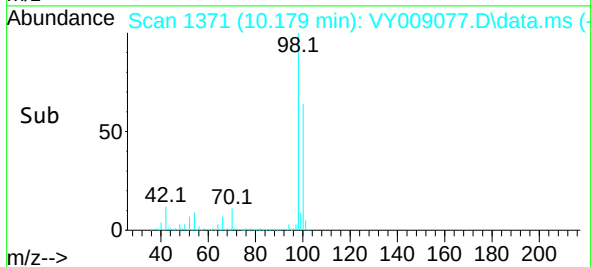
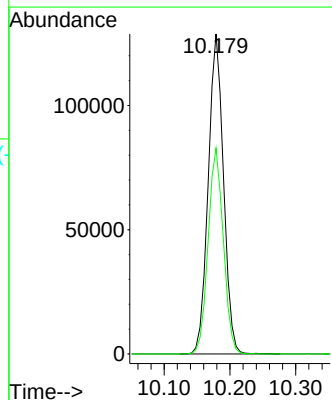
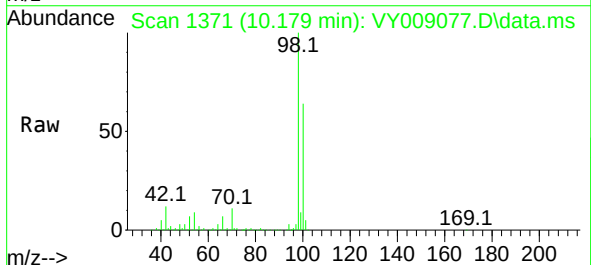
Instrument :
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 SB-11(2-2.5)

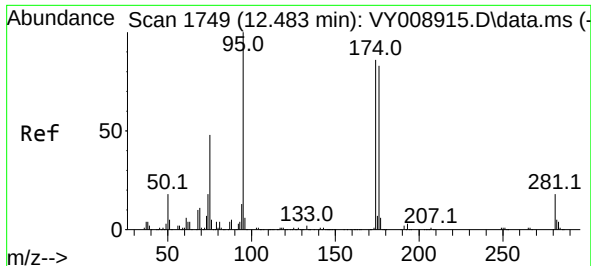
Tgt Ion:130 Resp: 1958
 Ion Ratio Lower Upper
 130 100
 95 102.9 0.0 188.2



#50
 Toluene-d8
 Concen: 53.514 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY009077.D
 Acq: 24 May 2022 21:10

Tgt Ion: 98 Resp: 207808
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.2 75.2

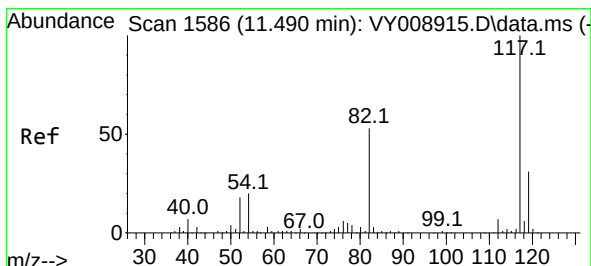
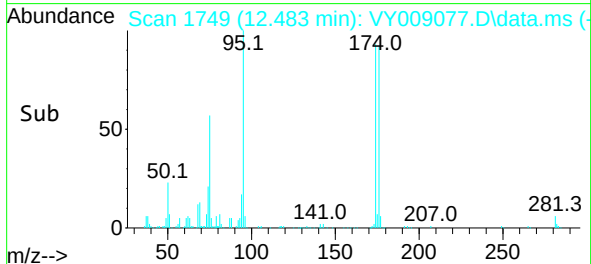
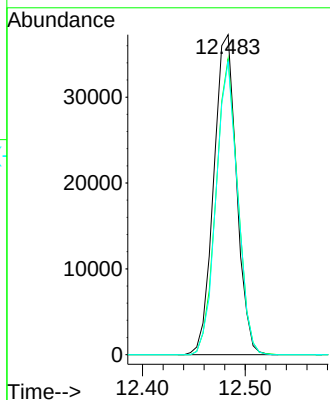
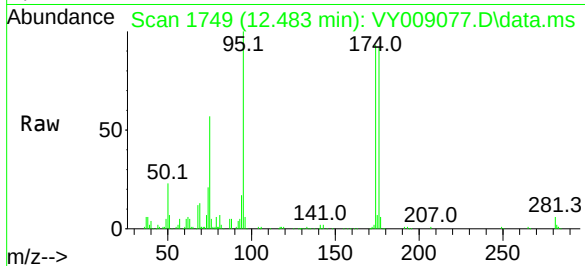




#62
4-Bromofluorobenzene
Concen: 36.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

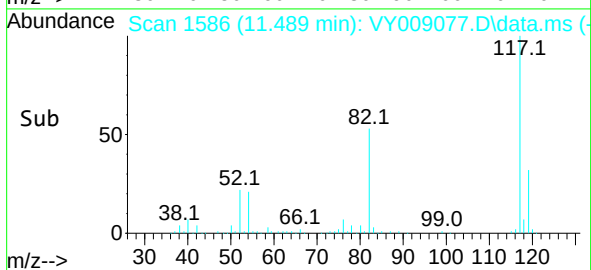
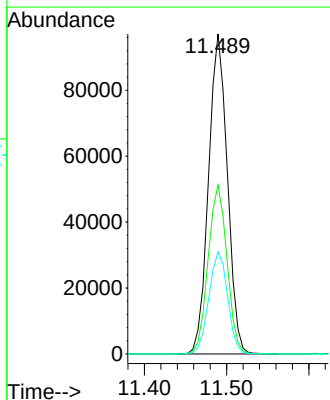
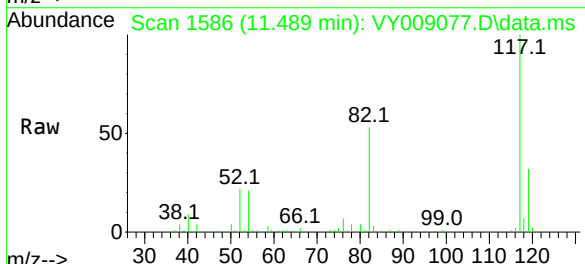
Instrument :
MSVOA_Y
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SB-11(2-2.5)

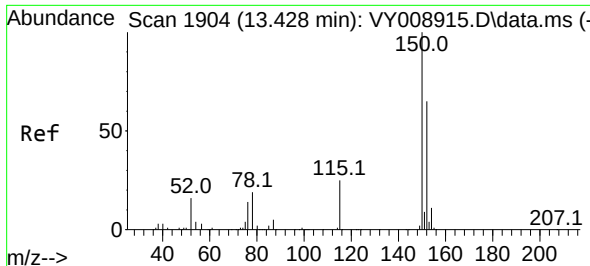
Tgt Ion: 95 Resp: 57355
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 86.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 117 Resp: 154482
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 25.4 38.0

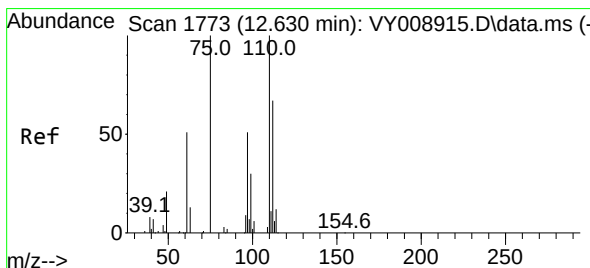
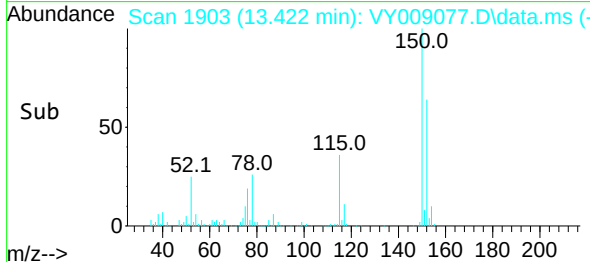
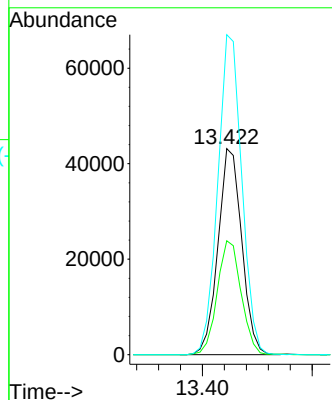
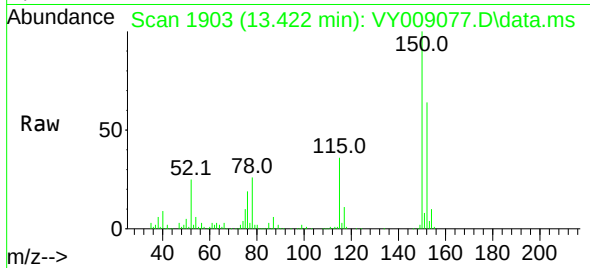




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009077.D
 Acq: 24 May 2022 21:10

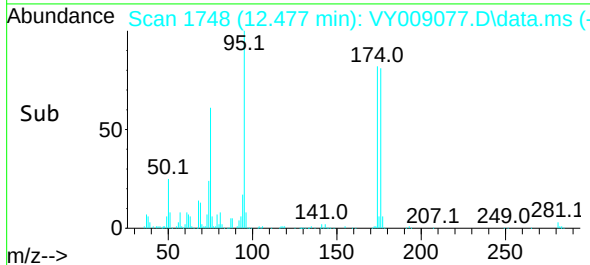
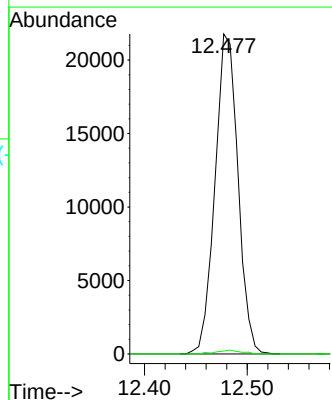
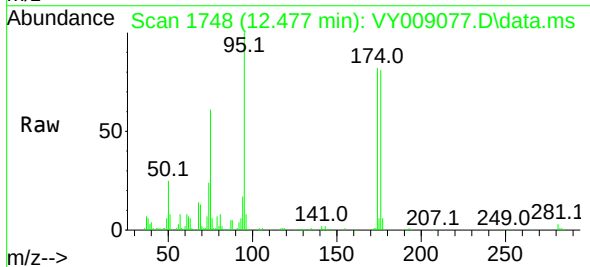
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(2-2.5)

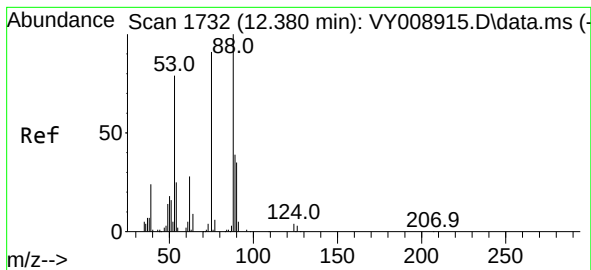
Tgt Ion:152 Resp: 65039
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.290 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009077.D
 Acq: 24 May 2022 21:10

Tgt Ion: 75 Resp: 33728
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.116 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009077.D
 Acq: 24 May 2022 21:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(2-2.5)

Tgt Ion: 75 Resp: 33728
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

