

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011457.D
 Acq On : 15 Nov 2022 14:51
 Operator : KP/MD
 Sample : N5598-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRAC-TANK-0760533

Quant Time: Nov 16 00:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

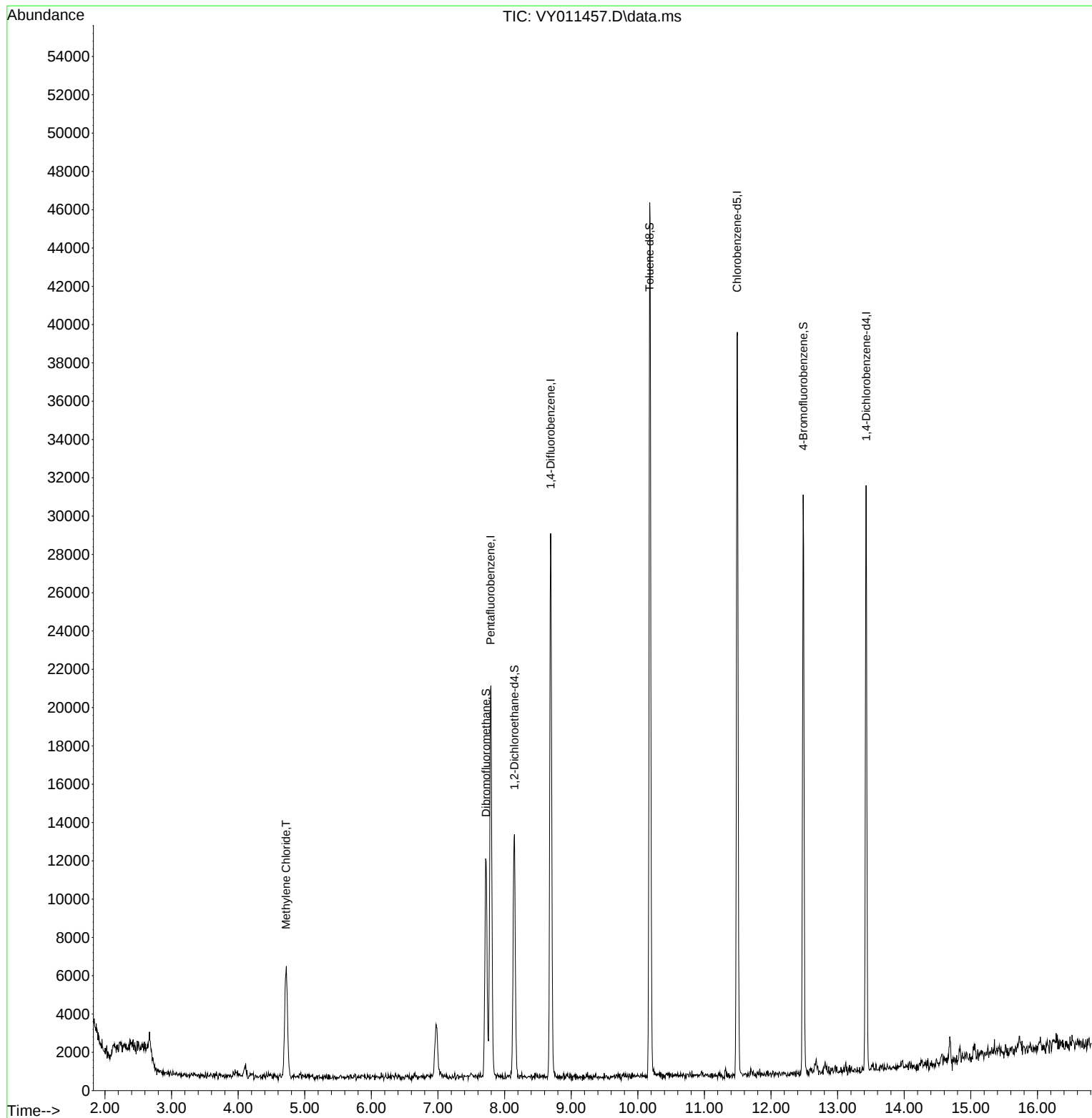
Internal Standards						
1) Pentafluorobenzene	7.789	168	17096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	24773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10068	70.278	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 140.560%		
35) Dibromofluoromethane	7.722	113	8412	56.022	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.040%		
50) Toluene-d8	10.179	98	33154	57.797	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.600%		
62) 4-Bromofluorobenzene	12.483	95	10116	50.560	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.120%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	4995	19.779	ug/l #	78

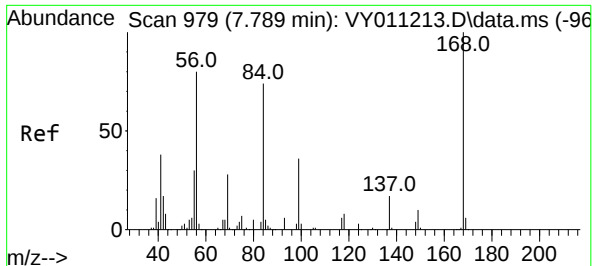
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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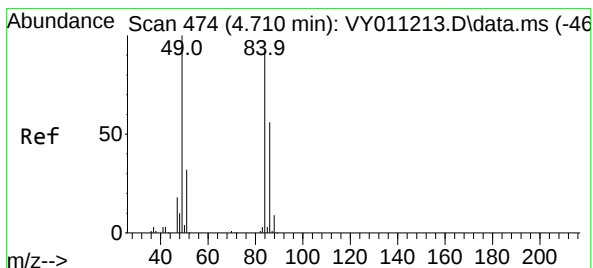
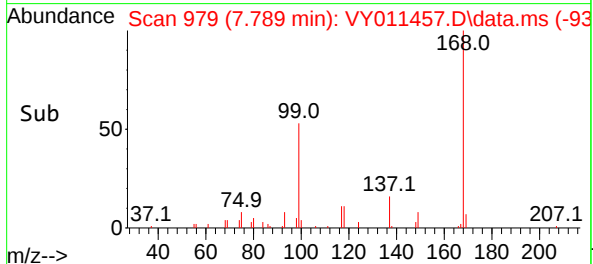
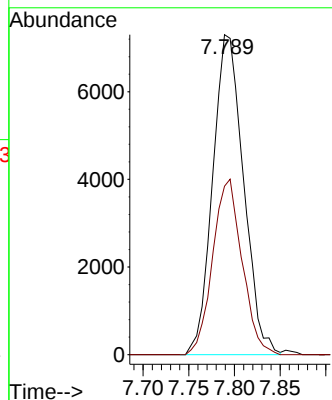
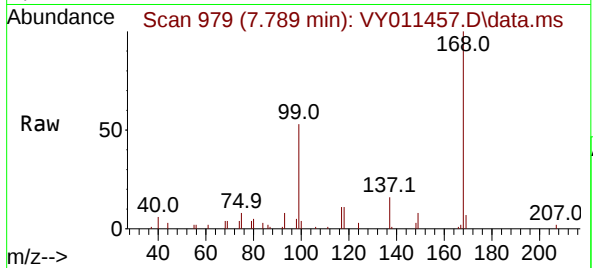




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011457.D
Acq: 15 Nov 2022 14:51

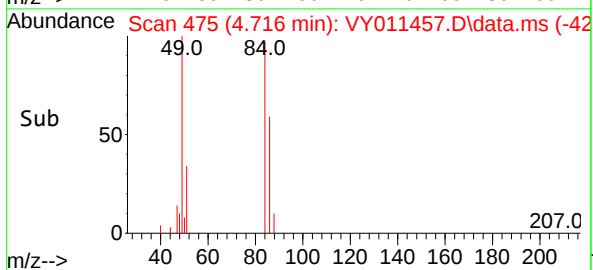
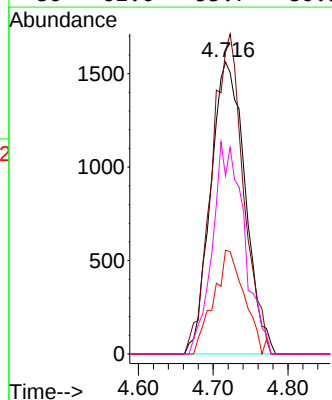
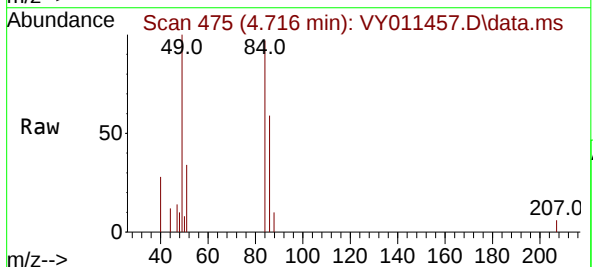
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-0760533

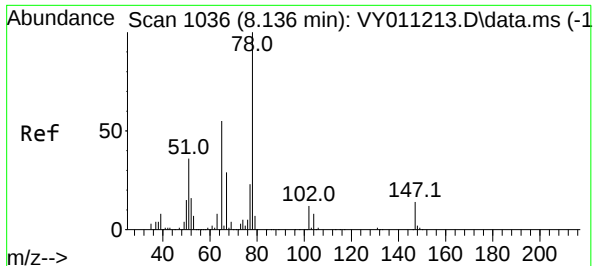
Tgt Ion:168 Resp: 17096
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#20
Methylene Chloride
Concen: 19.779 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011457.D
Acq: 15 Nov 2022 14:51

Tgt Ion: 84 Resp: 4995
Ion Ratio Lower Upper
84 100
49 103.6 114.4 171.6#
51 35.5 35.3 52.9
86 61.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 70.278 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY011457.D

Acq: 15 Nov 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

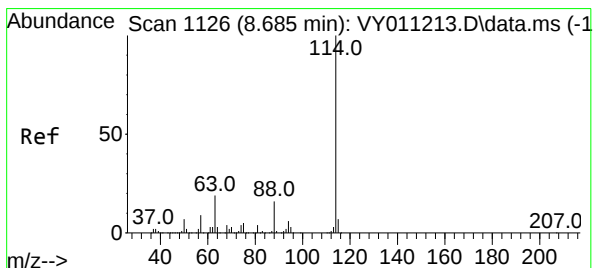
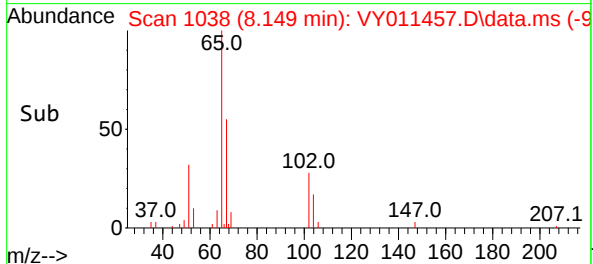
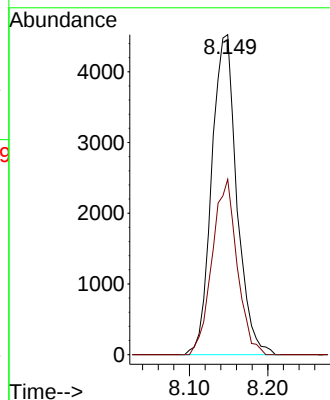
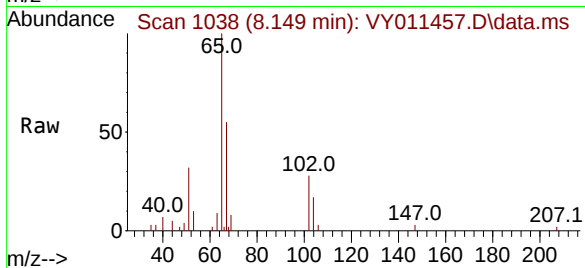
FRAC-TANK-0760533

Tgt Ion: 65 Resp: 10068

Ion Ratio Lower Upper

65 100

67 54.5 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: VY011457.D

Acq: 15 Nov 2022 14:51

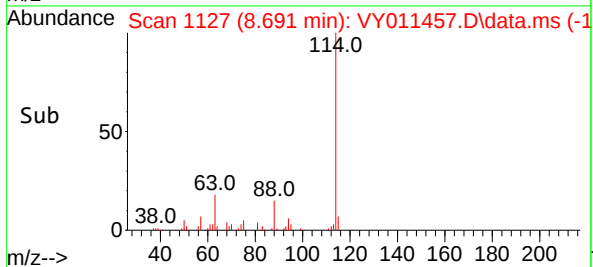
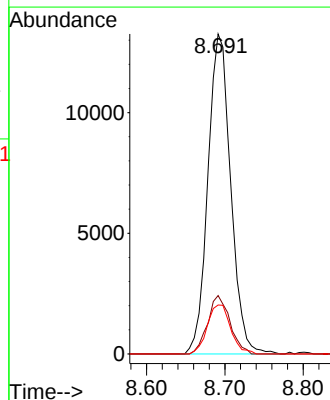
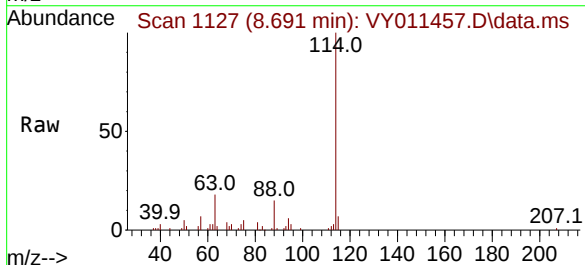
Tgt Ion: 114 Resp: 26793

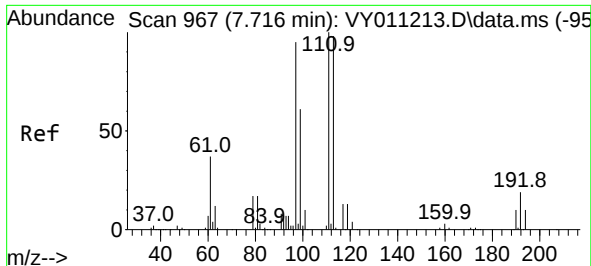
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.3 0.0 31.8

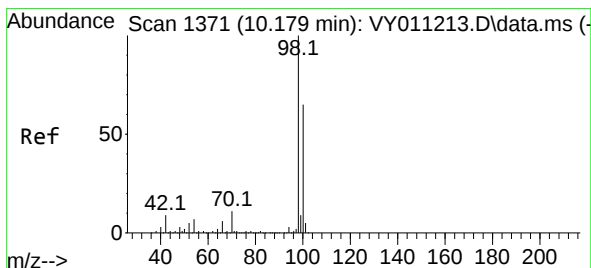
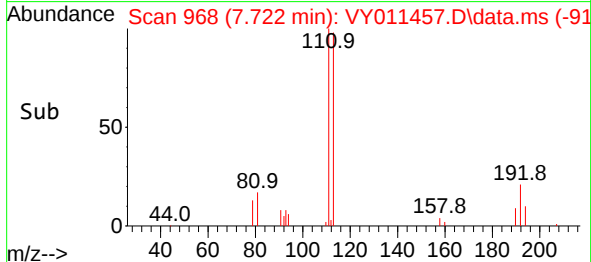
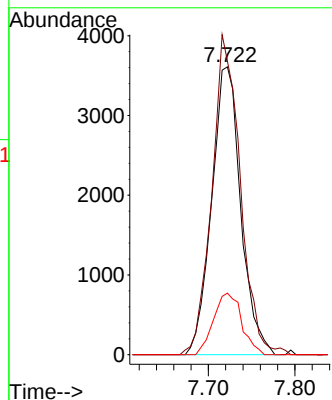
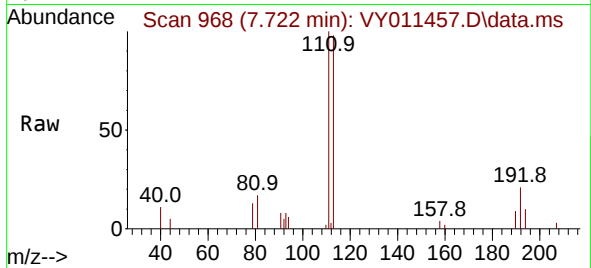




#35
Dibromofluoromethane
Concen: 56.022 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY011457.D
Acq: 15 Nov 2022 14:51

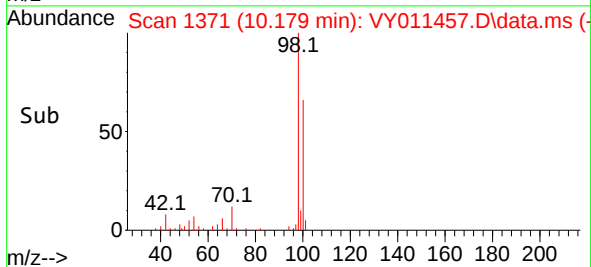
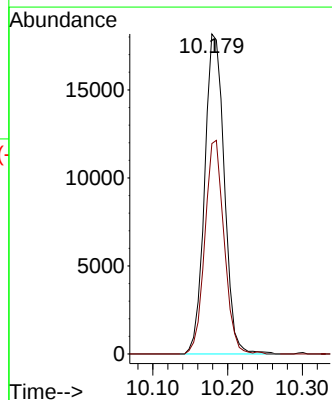
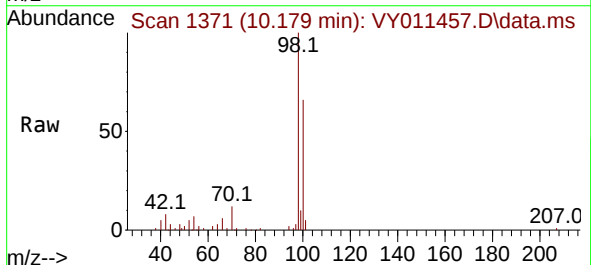
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-0760533

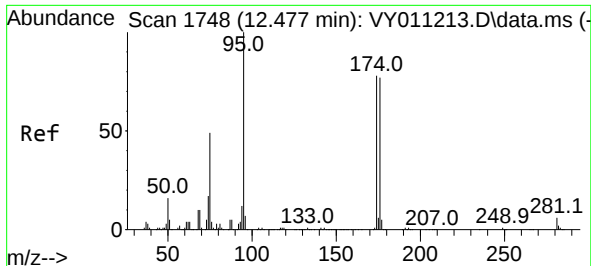
Tgt Ion:113 Resp: 8412
Ion Ratio Lower Upper
113 100
111 108.6 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 57.797 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011457.D
Acq: 15 Nov 2022 14:51

Tgt Ion: 98 Resp: 33154
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 50.560 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011457.D

Acq: 15 Nov 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

FRAC-TANK-0760533

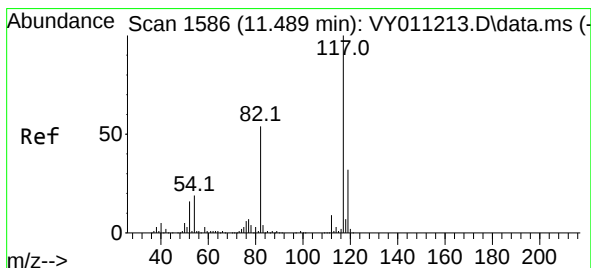
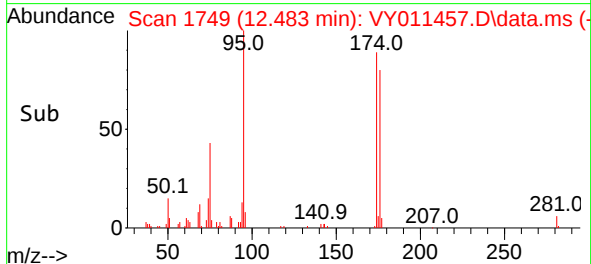
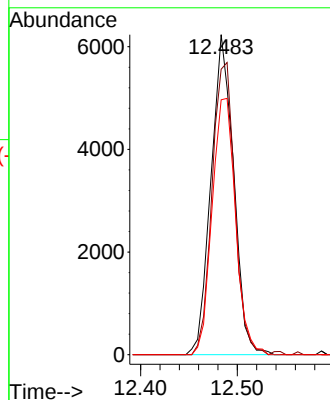
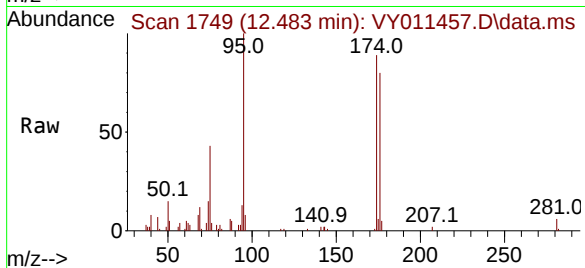
Tgt Ion: 95 Resp: 10116

Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.0

176 83.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011457.D

Acq: 15 Nov 2022 14:51

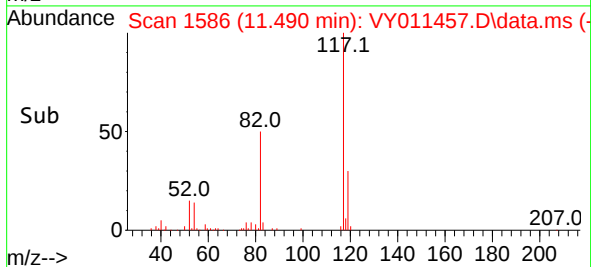
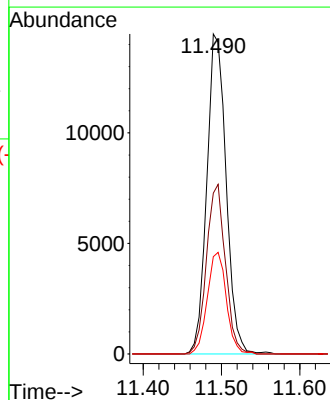
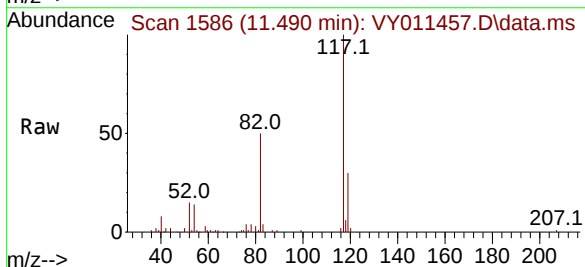
Tgt Ion: 117 Resp: 24773

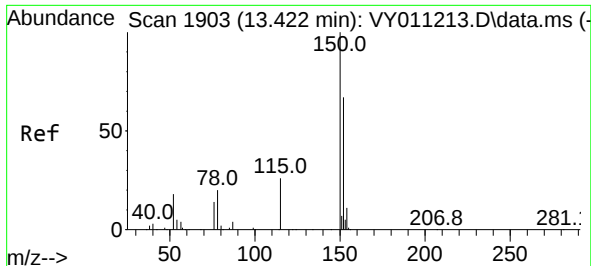
Ion Ratio Lower Upper

117 100

82 50.3 43.0 64.4

119 30.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011457.D
 Acq: 15 Nov 2022 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRAC-TANK-0760533

Tgt Ion:152 Resp: 8880
 Ion Ratio Lower Upper
 152 100
 115 52.3 28.2 84.7
 150 151.8 0.0 347.6

