

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012189.D
 Acq On : 13 Jan 2023 13:51
 Operator : KP/MD
 Sample : 01132-07RE
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2RE

Quant Time: Jan 16 08:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

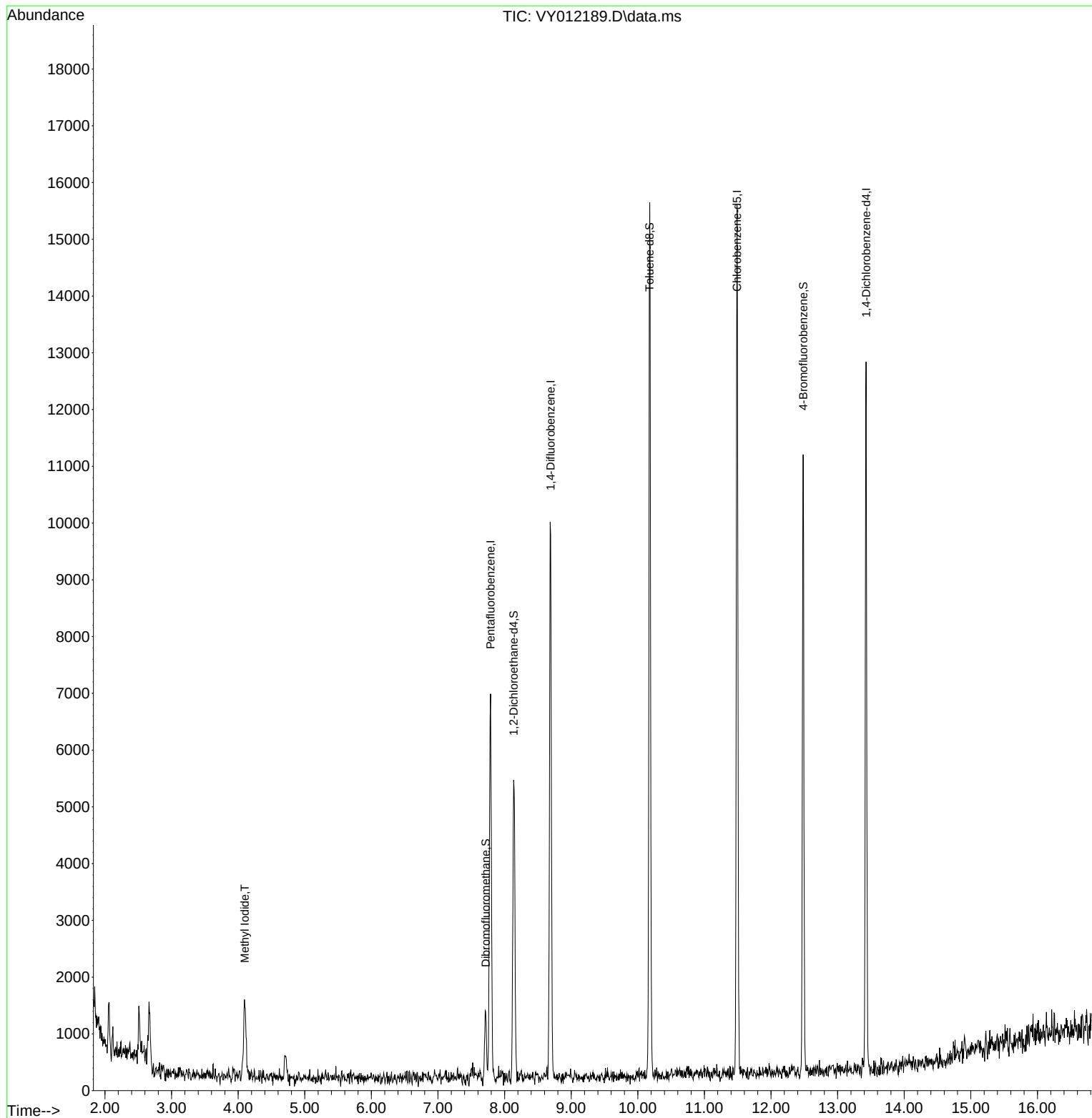
Internal Standards						
1) Pentafluorobenzene	7.789	168	5709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4674	72.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.720%
35) Dibromofluoromethane	7.716	113	933	15.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.200%#
50) Toluene-d8	10.179	98	11194	47.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.483	95	3490	42.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.560%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	2228	28.877	ug/l #	96

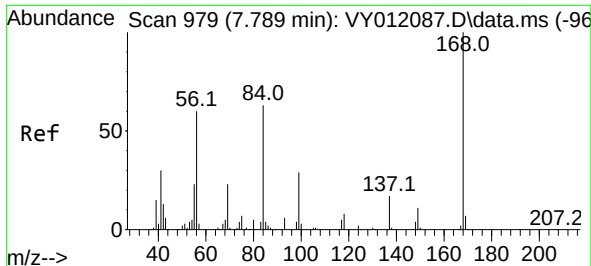
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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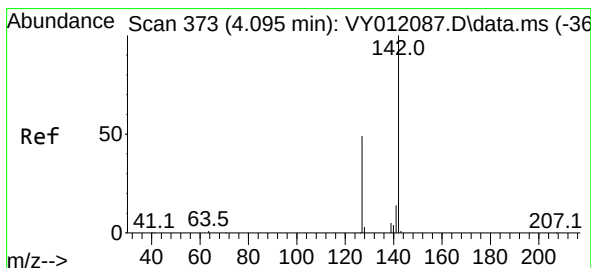
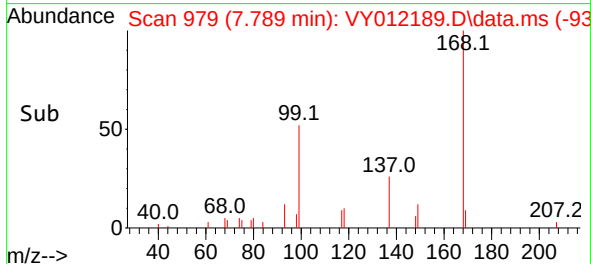
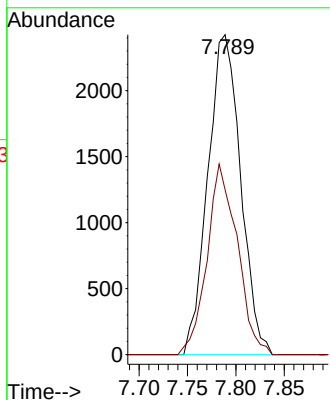
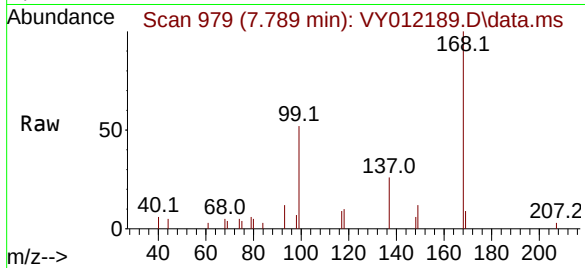




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

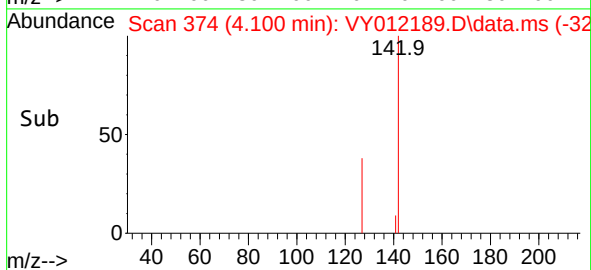
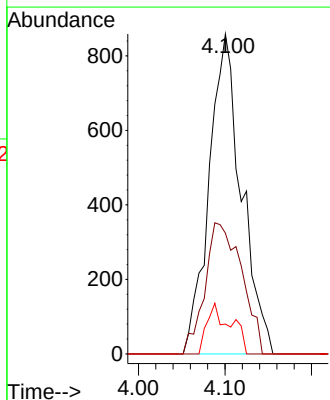
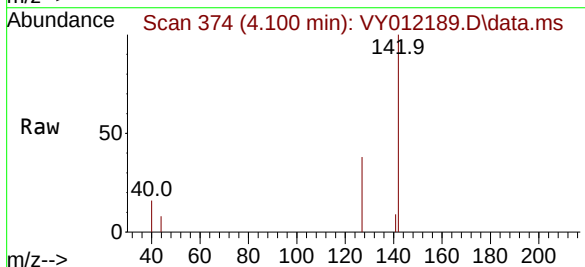
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2RE

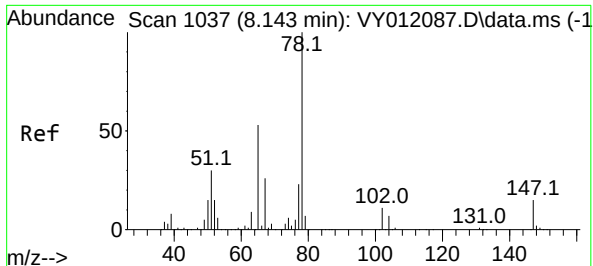
Tgt Ion:168 Resp: 5709
Ion Ratio Lower Upper
168 100
99 51.6 44.0 66.0



#10
Methyl Iodide
Concen: 28.877 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

Tgt Ion:142 Resp: 2228
Ion Ratio Lower Upper
142 100
127 46.5 37.0 55.4
141 8.8 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 72.861 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY012189.D

Acq: 13 Jan 2023 13:51

Instrument :

MSVOA_Y

ClientSampleId :

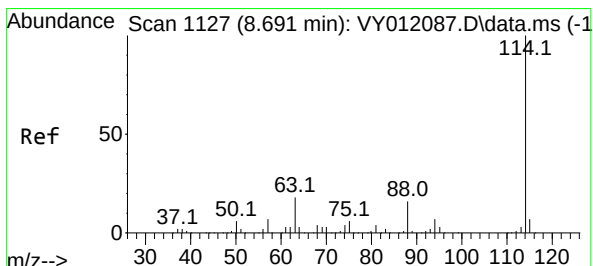
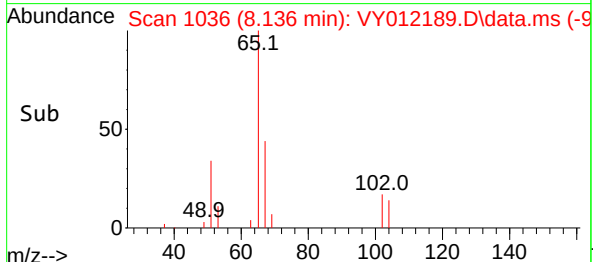
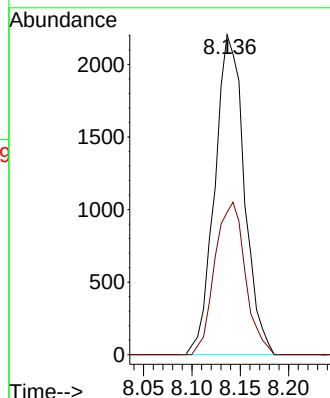
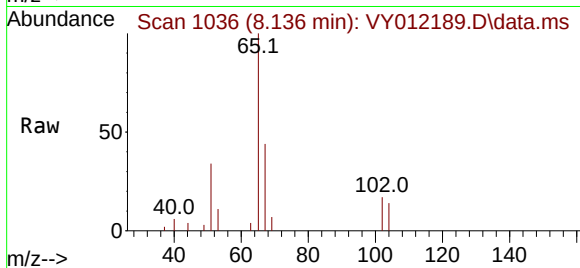
TOT-VOC-2RE

Tgt Ion: 65 Resp: 4674

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012189.D

Acq: 13 Jan 2023 13:51

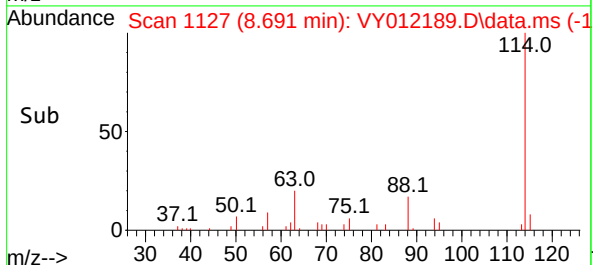
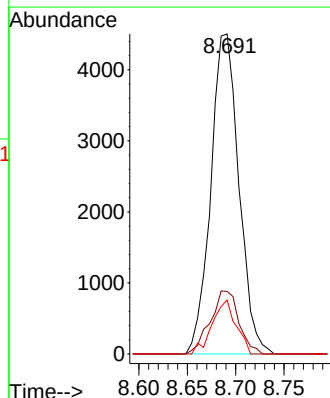
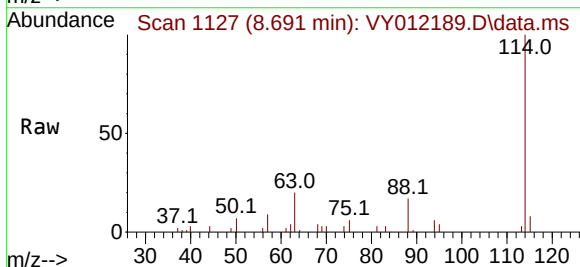
Tgt Ion: 114 Resp: 9102

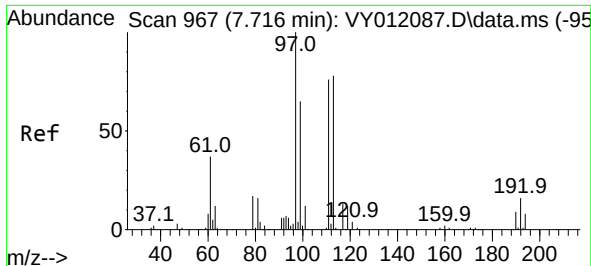
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.8 0.0 32.2

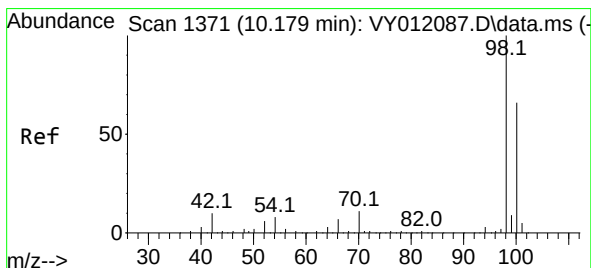
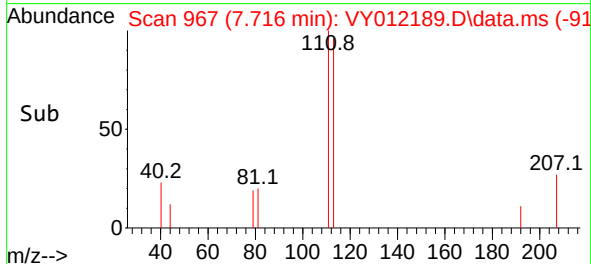
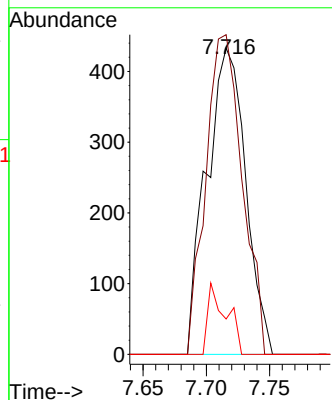
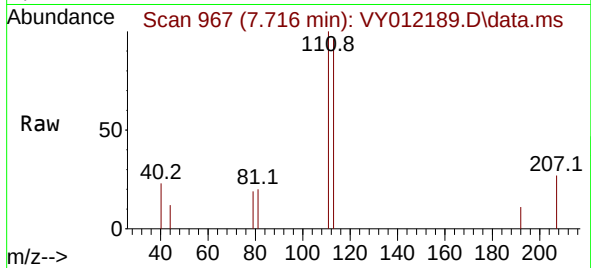




#35
Dibromofluoromethane
Concen: 15.595 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

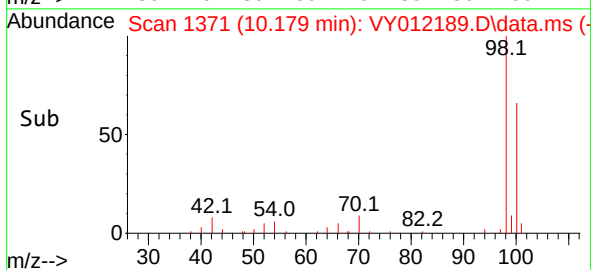
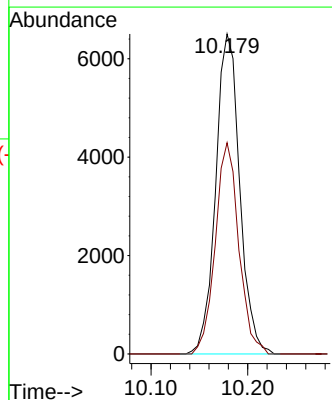
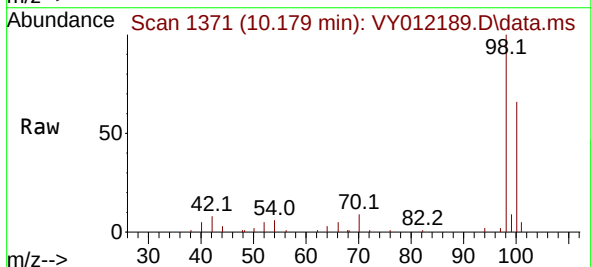
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2RE

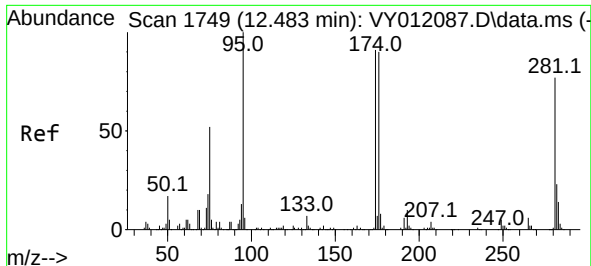
Tgt Ion:113 Resp: 933
Ion Ratio Lower Upper
113 100
111 97.2 83.0 124.4
192 10.9 16.0 24.0#



#50
Toluene-d8
Concen: 47.405 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

Tgt Ion: 98 Resp: 11194
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

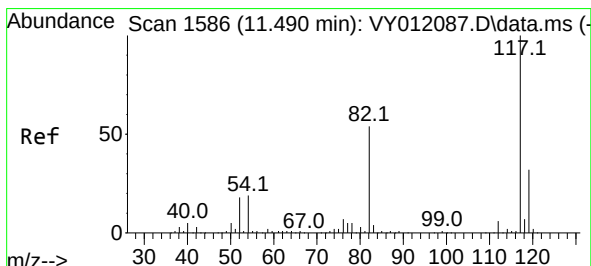
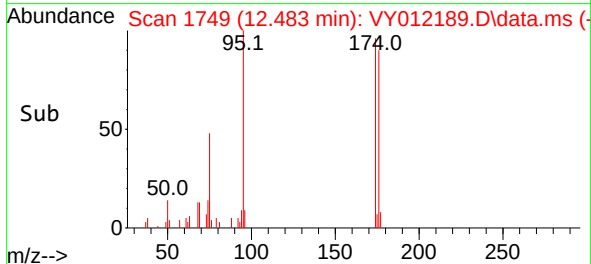
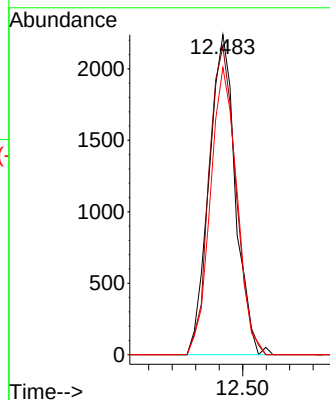
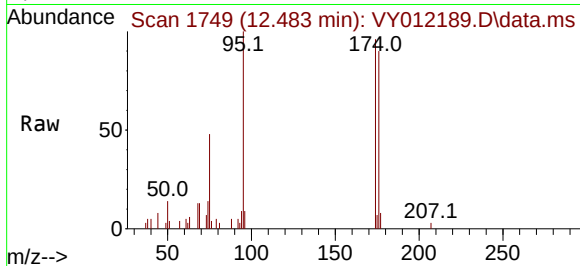




#62
4-Bromofluorobenzene
Concen: 42.283 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

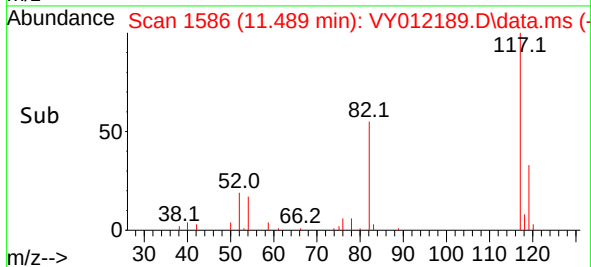
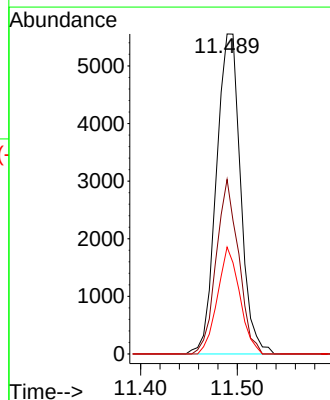
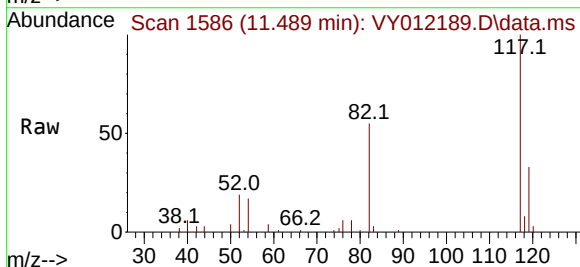
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2RE

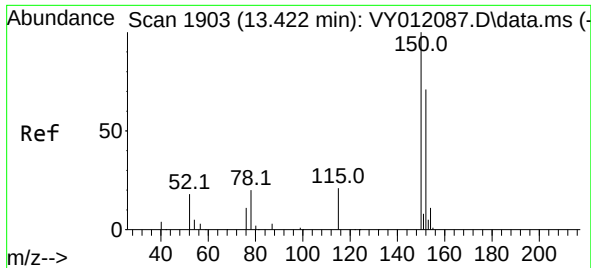
Tgt Ion: 95 Resp: 3490
Ion Ratio Lower Upper
95 100
174 98.4 0.0 172.0
176 90.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012189.D
Acq: 13 Jan 2023 13:51

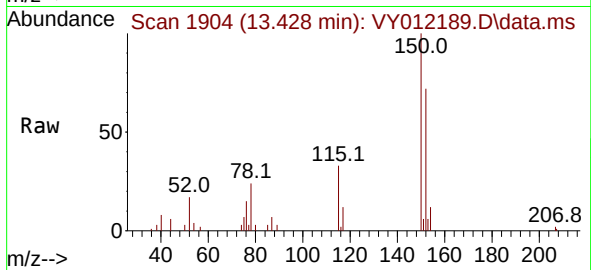
Tgt Ion: 117 Resp: 9635
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 33.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012189.D
 Acq: 13 Jan 2023 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2RE



Tgt Ion:	152	Resp:	3857
Ion	Ratio	Lower	Upper
152	100		
115	52.0	29.1	87.3
150	145.2	0.0	342.6

