

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012403.D
 Acq On : 30 Jan 2023 17:21
 Operator : KP/MD
 Sample : 01355-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jan 31 01:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

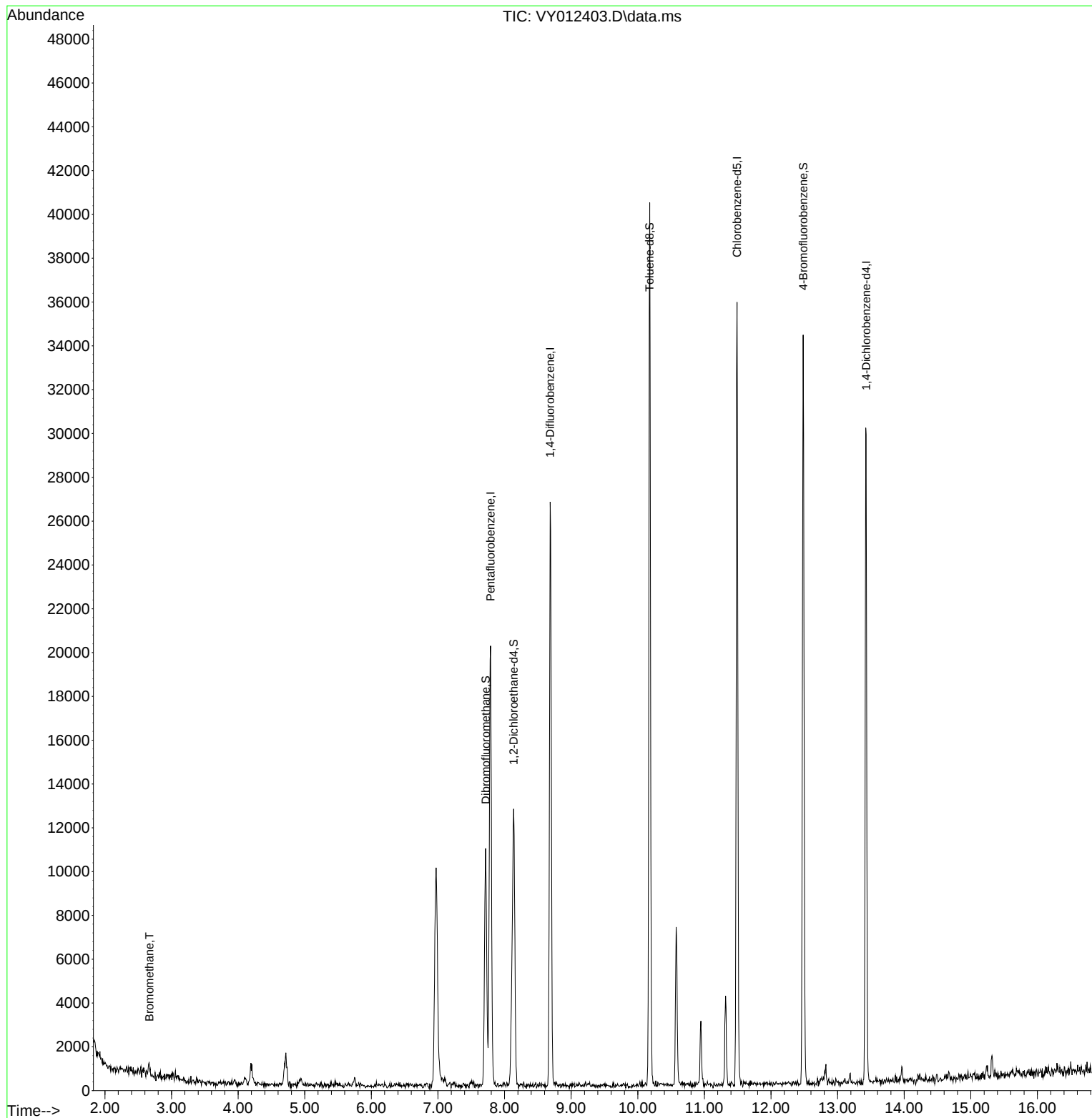
Internal Standards						
1) Pentafluorobenzene	7.789	168	16578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	9532	71.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.040%
35) Dibromofluoromethane	7.716	113	7605	58.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.480%
50) Toluene-d8	10.179	98	28094	63.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.660%
62) 4-Bromofluorobenzene	12.483	95	8481	46.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	229	1.897	ug/l #	76

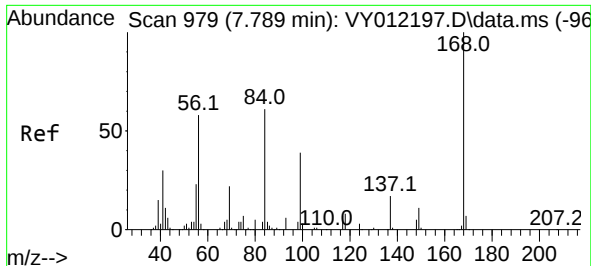
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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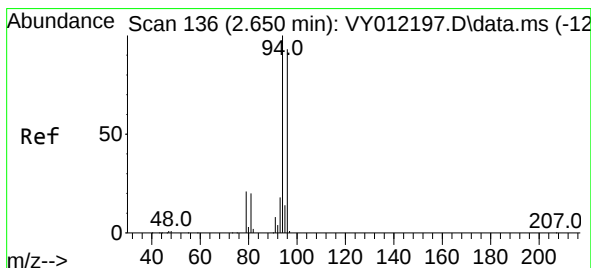
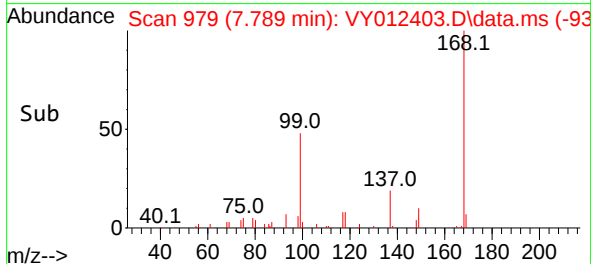
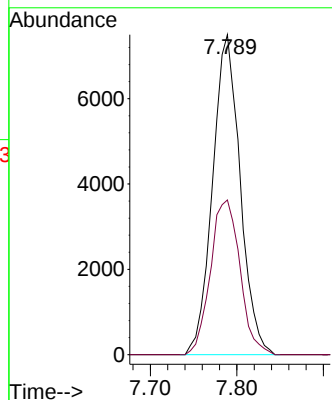
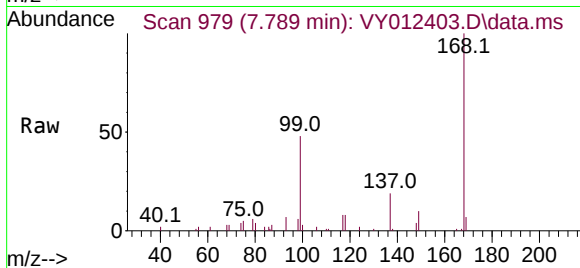




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012403.D
Acq: 30 Jan 2023 17:21

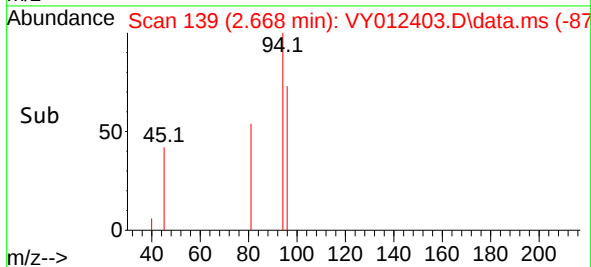
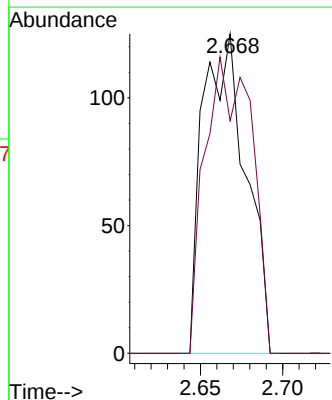
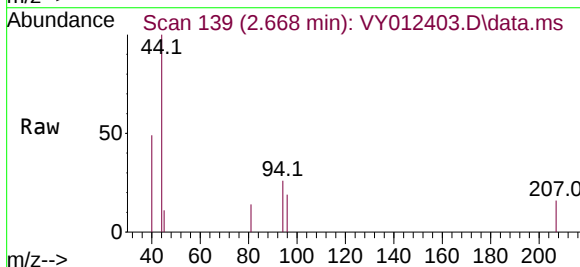
Instrument :
MSVOA_Y
ClientSampleId :
VOC

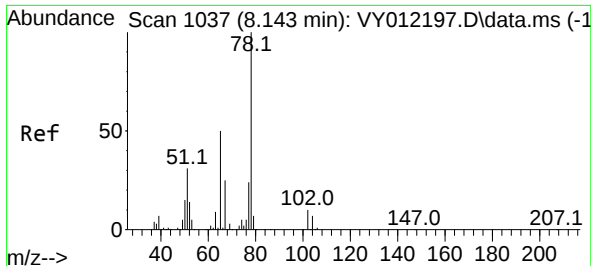
Tgt Ion:168 Resp: 16578
Ion Ratio Lower Upper
168 100
99 48.4 44.0 66.0



#5
Bromomethane
Concen: 1.897 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012403.D
Acq: 30 Jan 2023 17:21

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 72.8 77.4 116.2#





#33

1,2-Dichloroethane-d4

Concen: 71.021 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY012403.D

Acq: 30 Jan 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

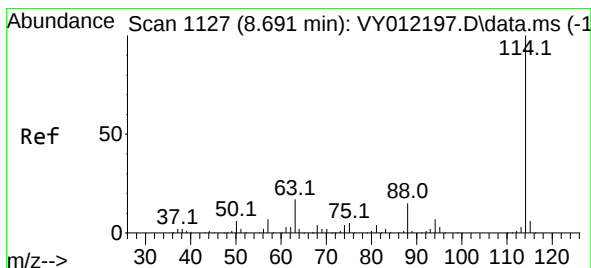
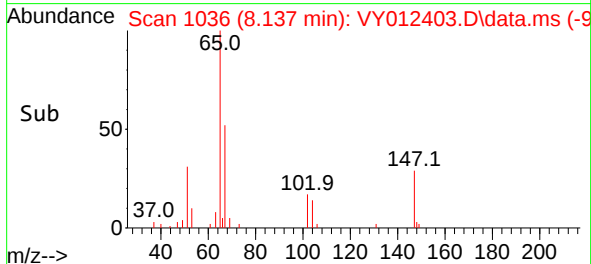
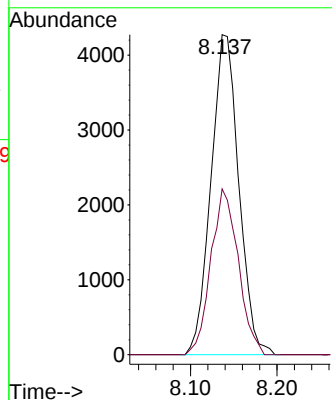
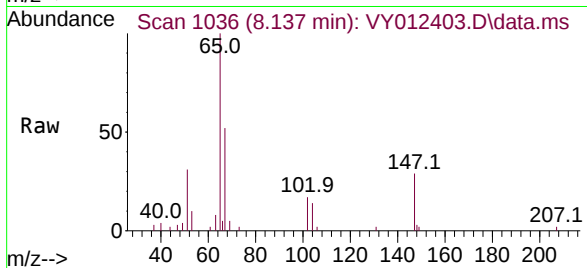
VOC

Tgt Ion: 65 Resp: 9532

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012403.D

Acq: 30 Jan 2023 17:21

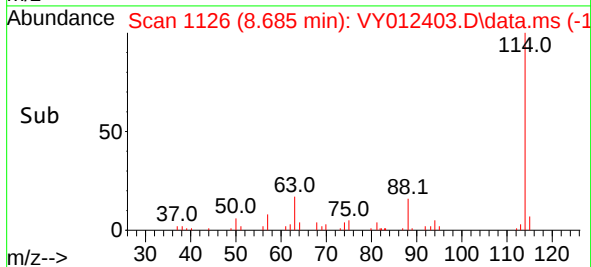
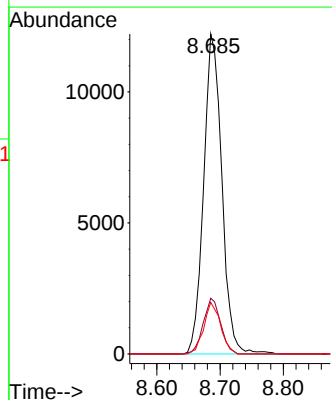
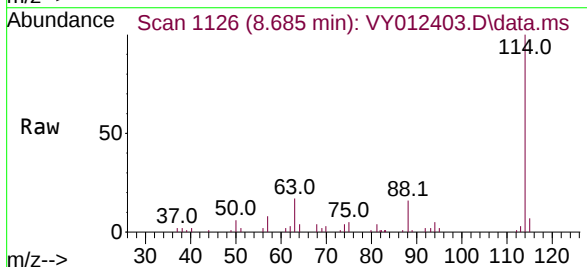
Tgt Ion: 114 Resp: 24451

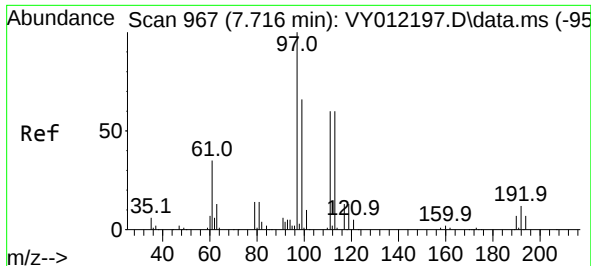
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 58.740 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012403.D

Acq: 30 Jan 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VOC

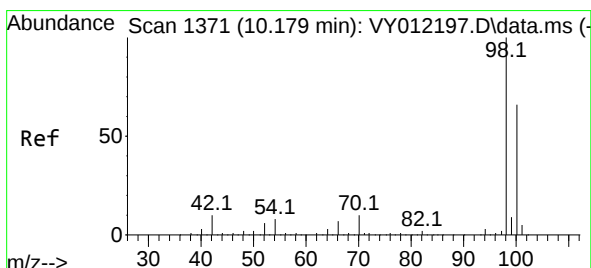
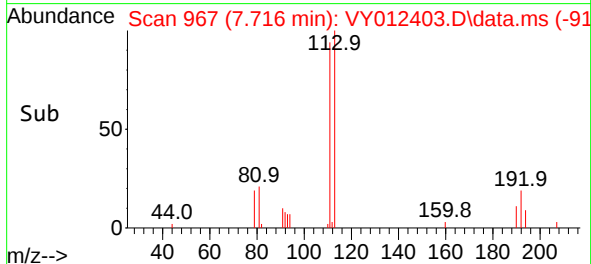
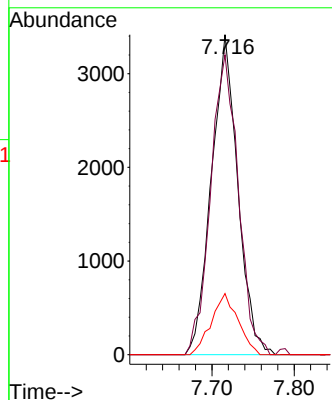
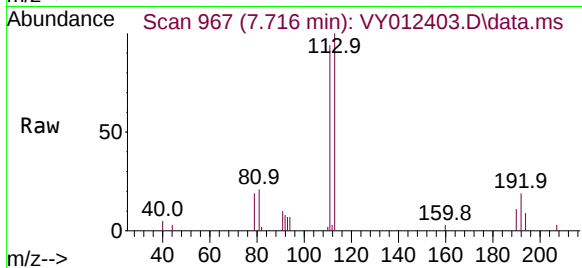
Tgt Ion:113 Resp: 7605

Ion Ratio Lower Upper

113 100

111 98.6 83.0 124.4

192 19.4 16.0 24.0



#50

Toluene-d8

Concen: 63.826 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012403.D

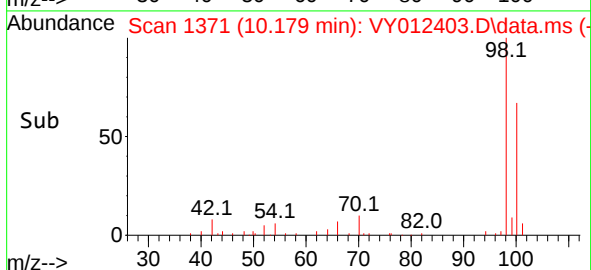
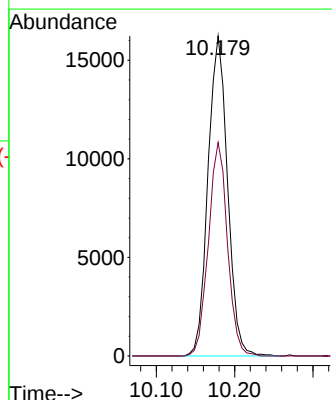
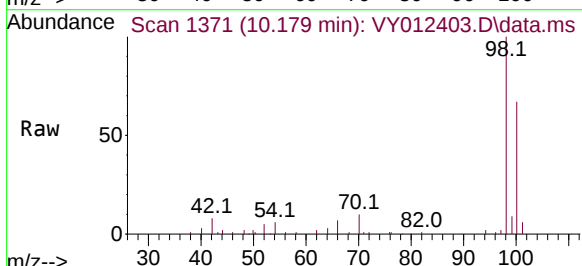
Acq: 30 Jan 2023 17:21

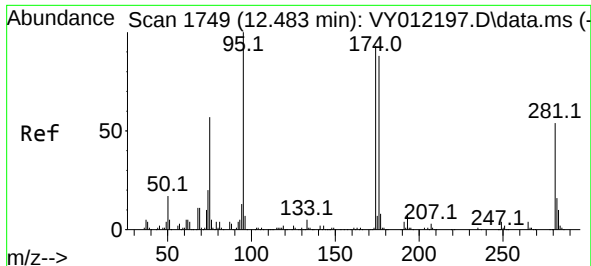
Tgt Ion: 98 Resp: 28094

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

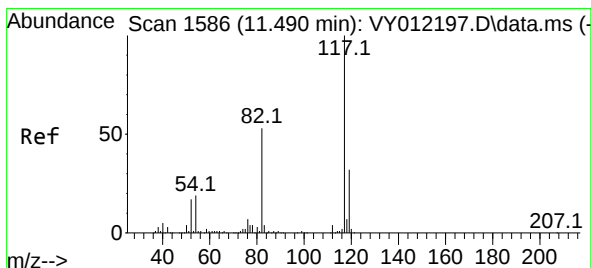
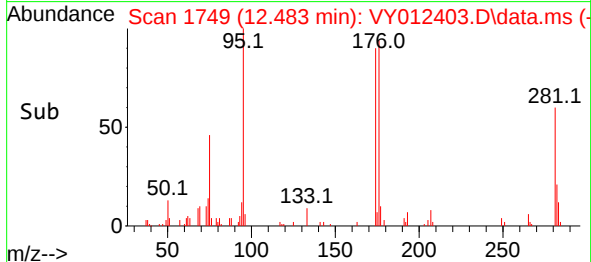
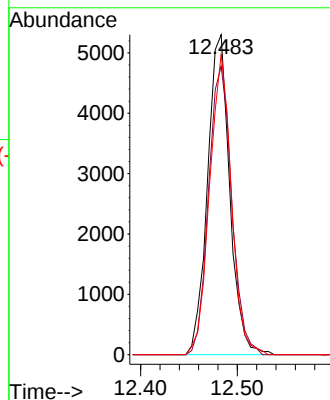
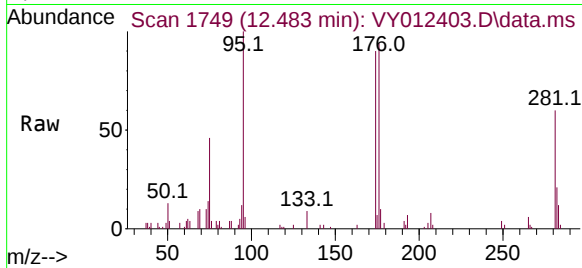




#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY012403.D
Acq: 30 Jan 2023 17:21

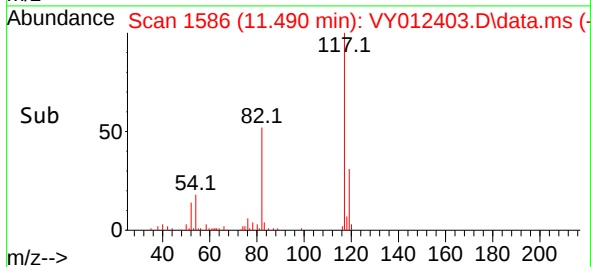
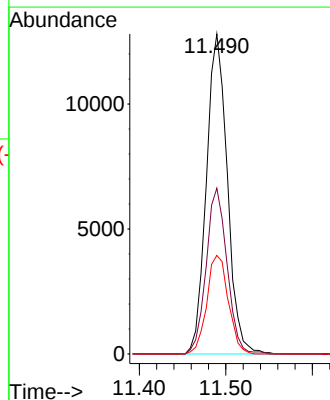
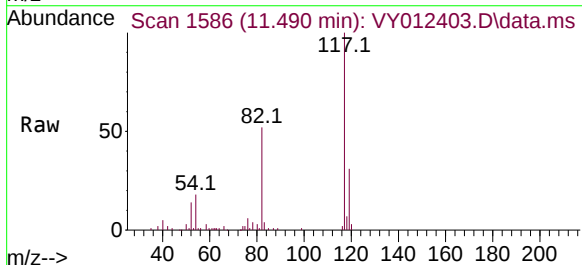
Instrument :
MSVOA_Y
ClientSampleId :
VOC

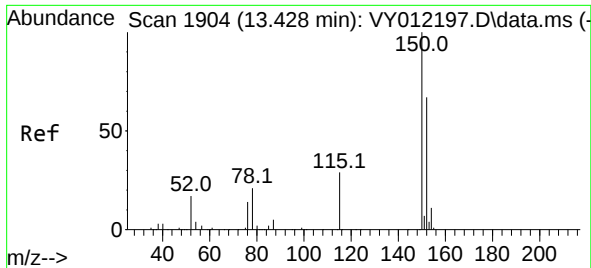
Tgt Ion: 95	Resp: 8481
Ion Ratio	Lower Upper
95	100
174	93.8 0.0 172.0
176	91.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012403.D
Acq: 30 Jan 2023 17:21

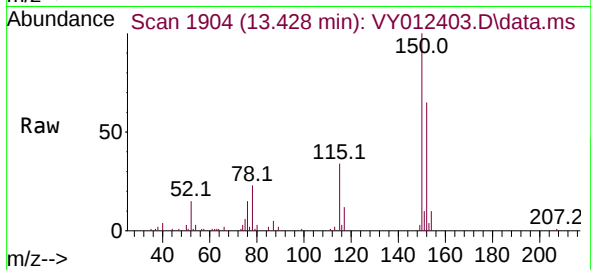
Tgt Ion: 117	Resp: 21503
Ion Ratio	Lower Upper
117	100
82	51.8 44.8 67.2
119	30.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012403.D
 Acq: 30 Jan 2023 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion:	152	Resp:	8619
Ion	Ratio	Lower	Upper
152	100		
115	55.6	29.1	87.3
150	161.9	0.0	342.6

