

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012175.D
 Acq On : 12 Jan 2023 14:21
 Operator : KP/MD
 Sample : 01132-06
 Misc : 1.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-1

Quant Time: Jan 13 00:38:04 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)

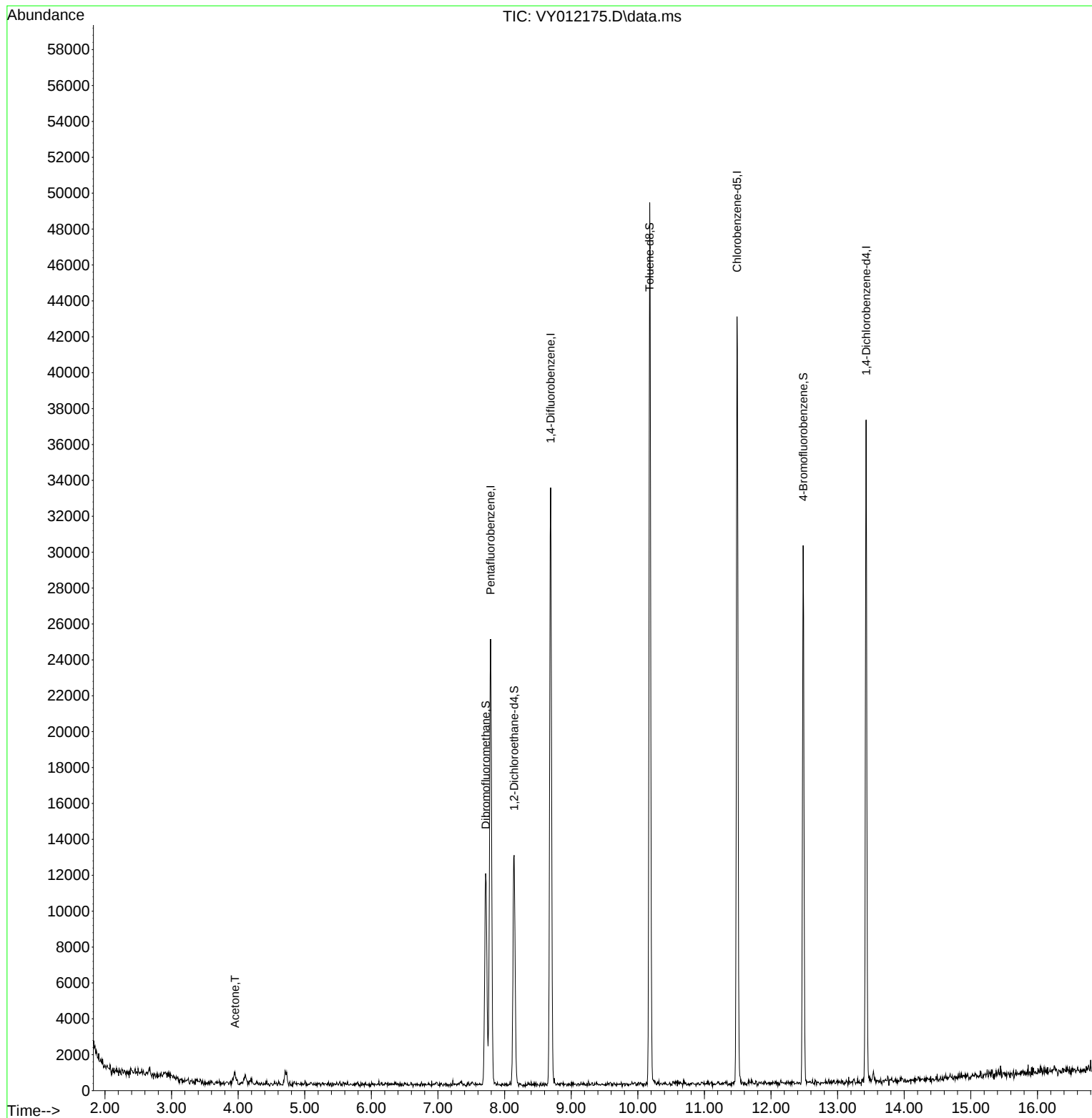
Internal Standards						
1) Pentafluorobenzene	7.789	168	20344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10618	46.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.900%
35) Dibromofluoromethane	7.716	113	8546	42.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.940%
50) Toluene-d8	10.179	98	34663	44.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.483	95	9630	35.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.180%
Target Compounds						
16) Acetone	3.954	43	983	18.280	ug/l	Qvalue # 71

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

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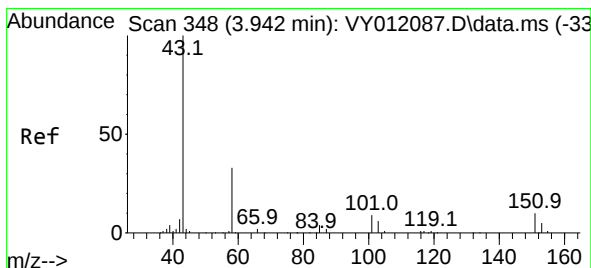
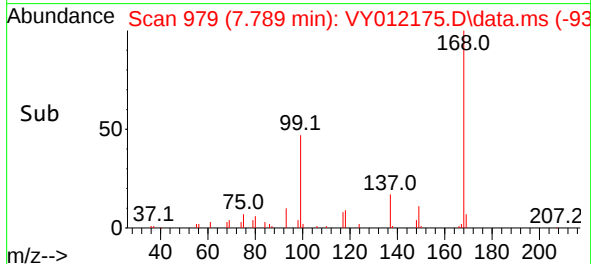
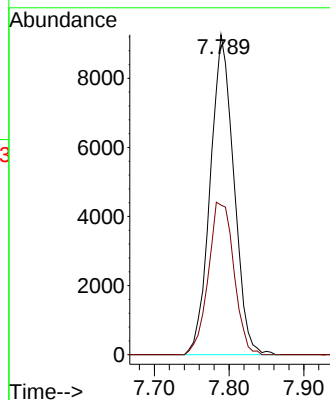
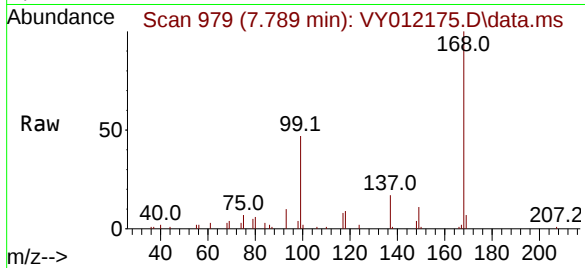




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

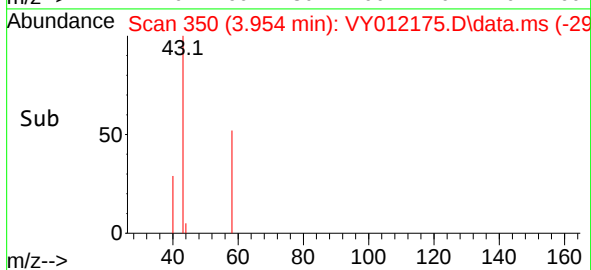
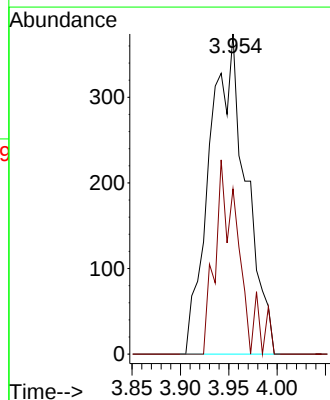
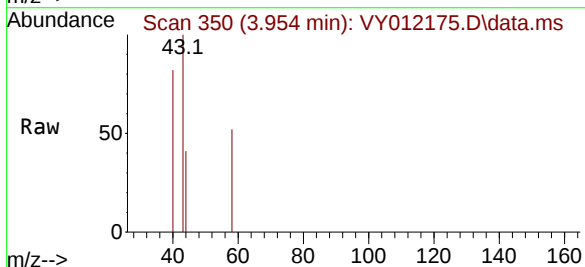
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

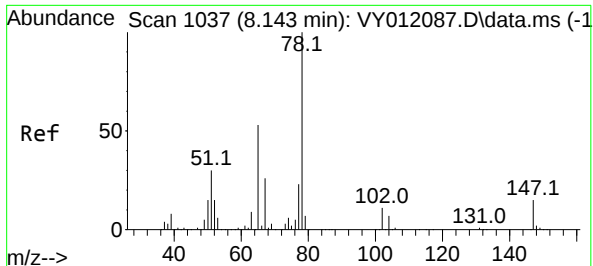
Tgt Ion:168 Resp: 20344
Ion Ratio Lower Upper
168 100
99 46.8 44.0 66.0



#16
Acetone
Concen: 18.280 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 51.6 27.9 41.9#





#33

1,2-Dichloroethane-d4

Concen: 46.448 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012175.D

Acq: 12 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

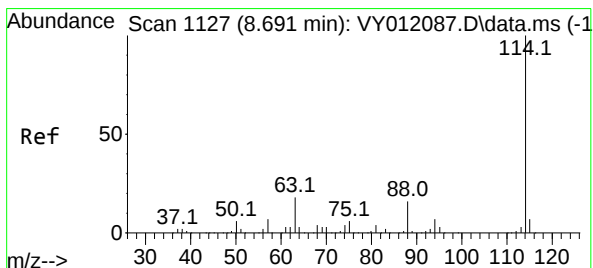
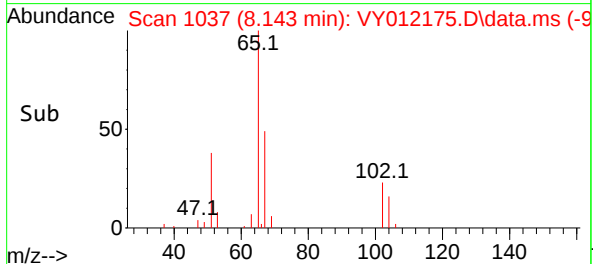
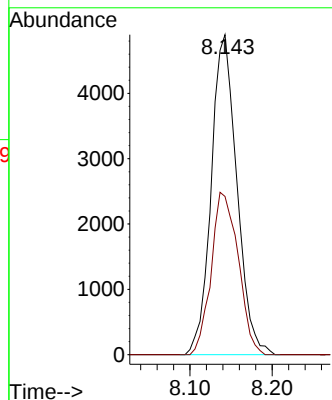
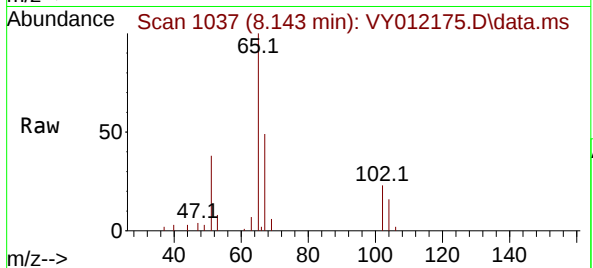
TOT-VOC-1

Tgt Ion: 65 Resp: 10618

Ion Ratio Lower Upper

65 100

67 53.4 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: VY012175.D

Acq: 12 Jan 2023 14:21

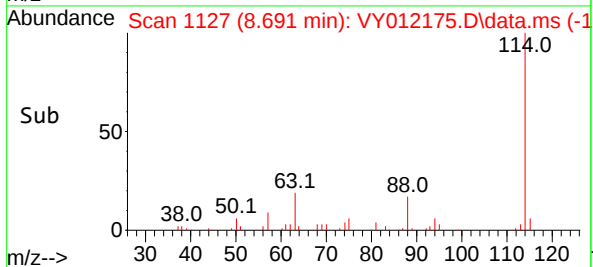
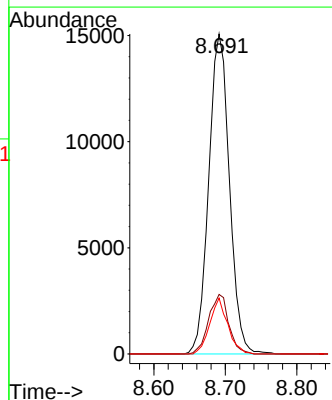
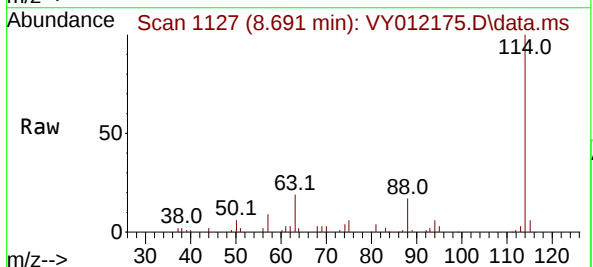
Tgt Ion: 114 Resp: 30260

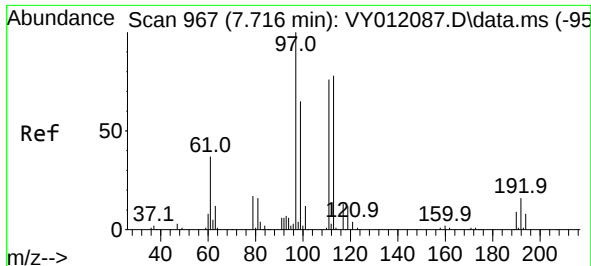
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 17.5 0.0 32.2

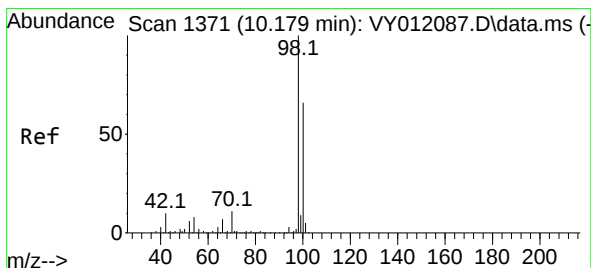
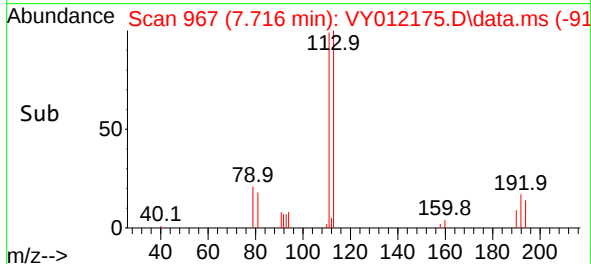
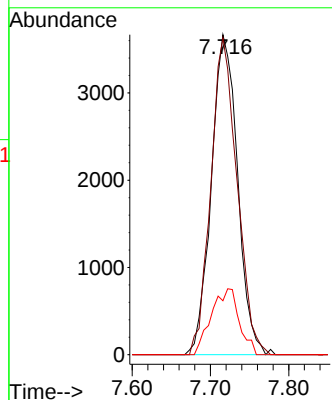
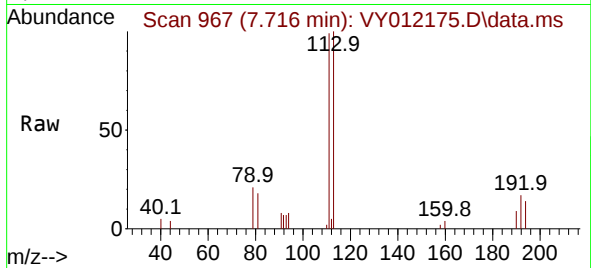




#35
Dibromofluoromethane
Concen: 42.968 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

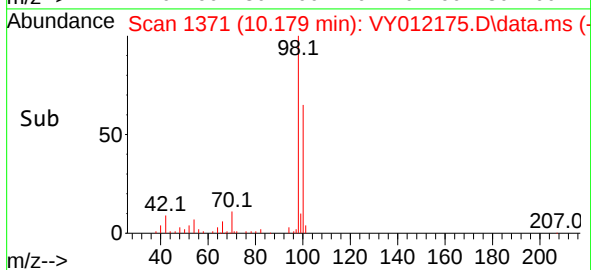
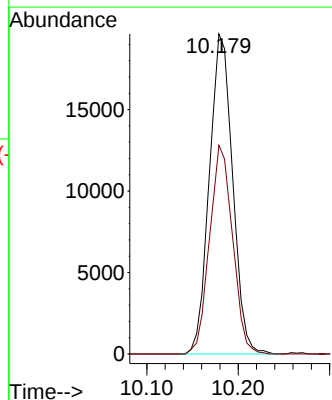
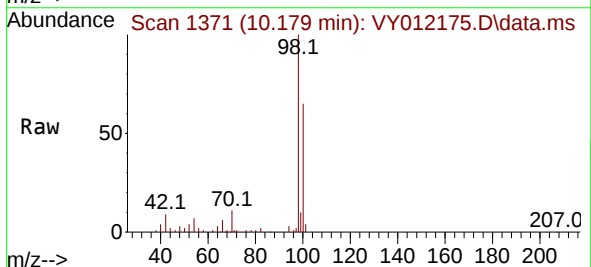
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

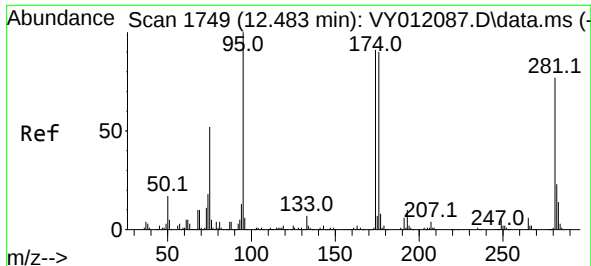
Tgt Ion:113 Resp: 8546
Ion Ratio Lower Upper
113 100
111 98.9 83.0 124.4
192 21.9 16.0 24.0



#50
Toluene-d8
Concen: 44.154 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

Tgt Ion: 98 Resp: 34663
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

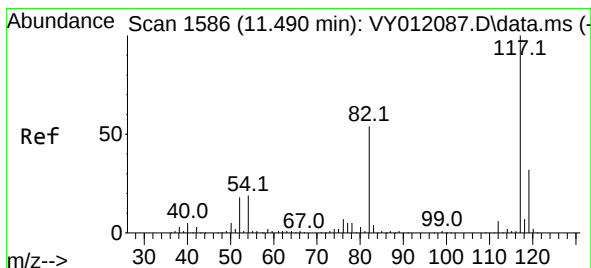
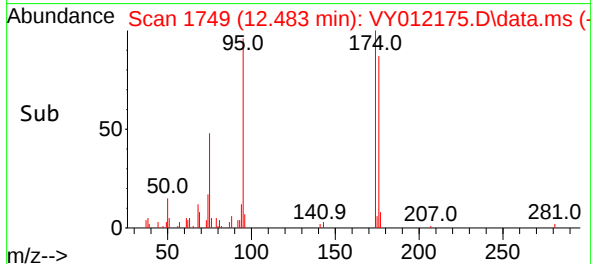
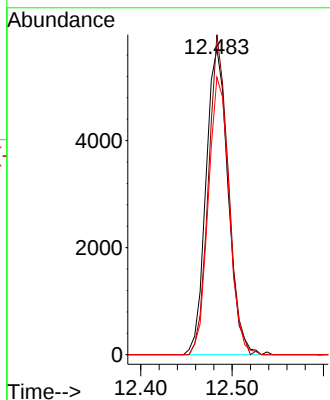
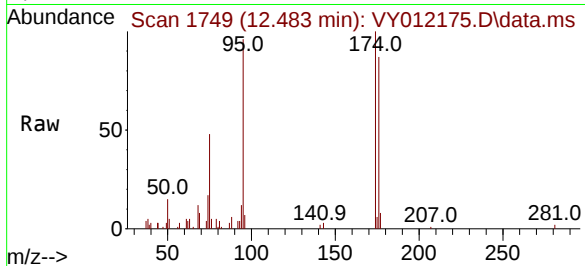




#62
4-Bromofluorobenzene
Concen: 35.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

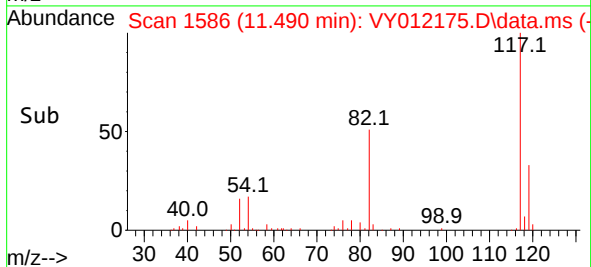
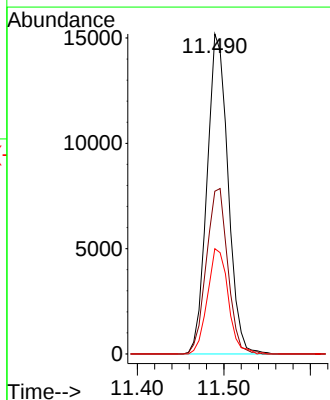
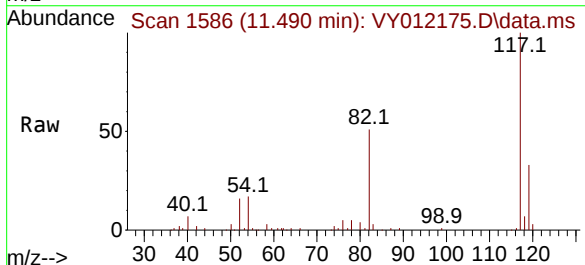
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

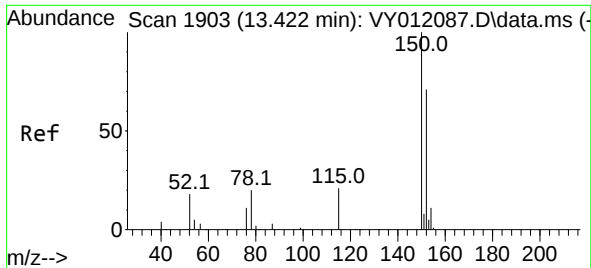
Tgt Ion: 95 Resp: 9630
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 85.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012175.D
Acq: 12 Jan 2023 14:21

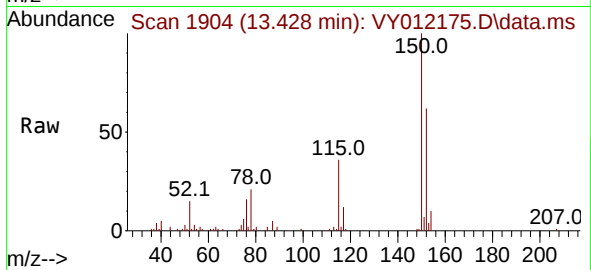
Tgt Ion: 117 Resp: 25548
Ion Ratio Lower Upper
117 100
82 50.9 44.8 67.2
119 32.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012175.D
 Acq: 12 Jan 2023 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-1



Tgt Ion:	152	Resp:	9692
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.1	87.3
150	162.6	0.0	342.6

