

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012590.D
 Acq On : 14 Feb 2023 15:44
 Operator : KP/MD
 Sample : 01538-21
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-44

Quant Time: Feb 15 01:29:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

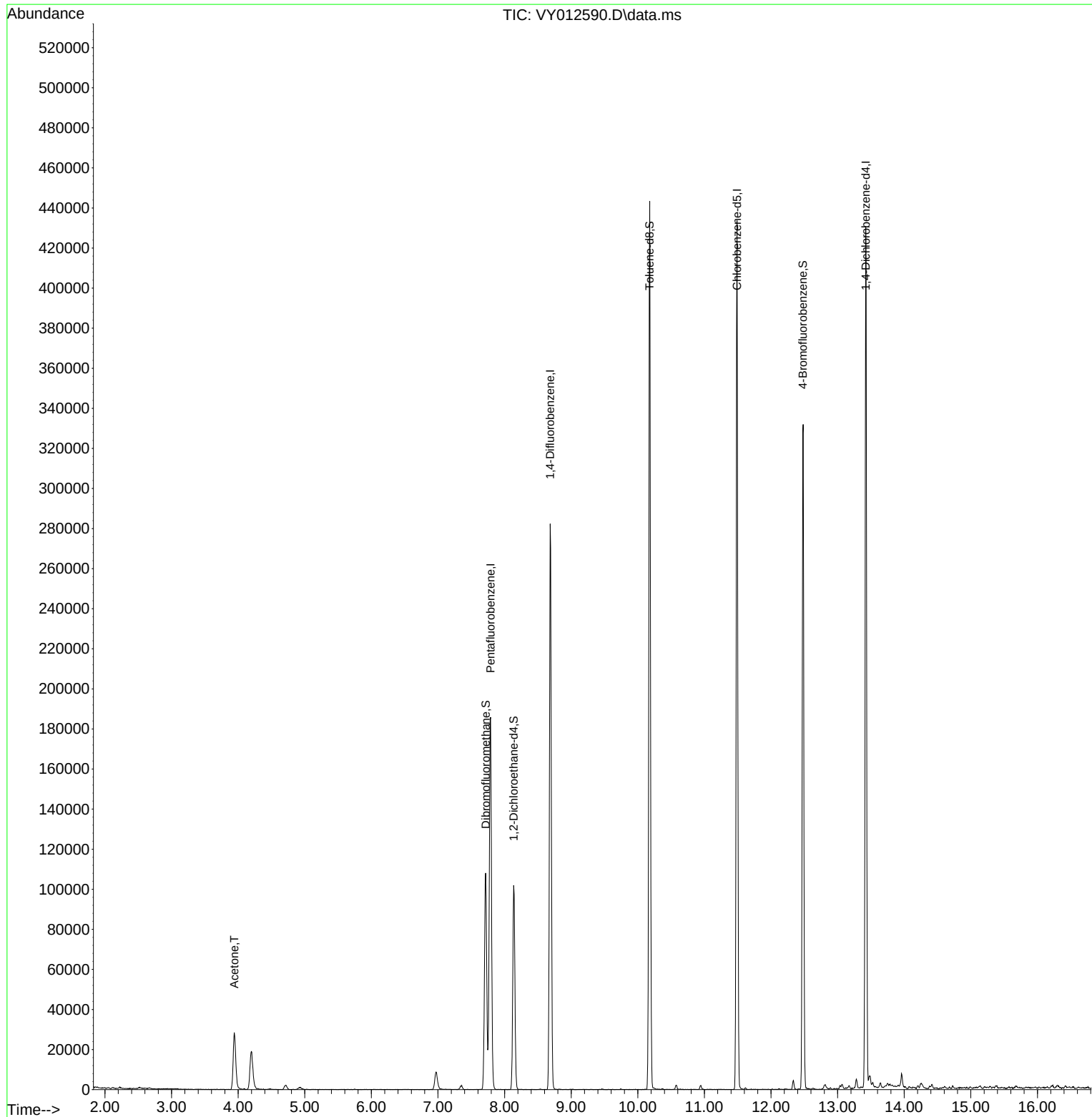
Internal Standards						
1) Pentafluorobenzene	7.789	168	152700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86385	44.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.716	113	72681	40.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.060%
50) Toluene-d8	10.179	98	295023	39.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.060%
62) 4-Bromofluorobenzene	12.477	95	98828	37.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.980%
Target Compounds						
16) Acetone	3.942	43	48409	103.581	ug/l	Qvalue 94

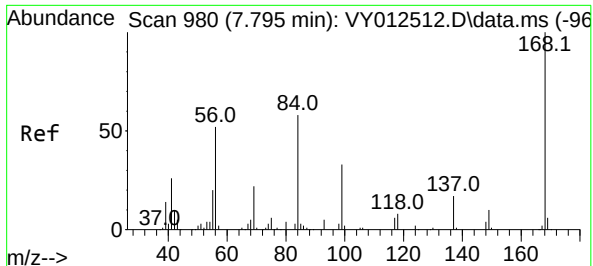
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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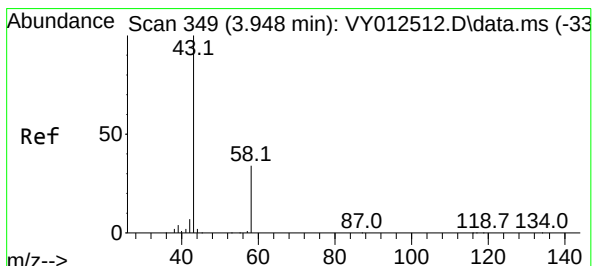
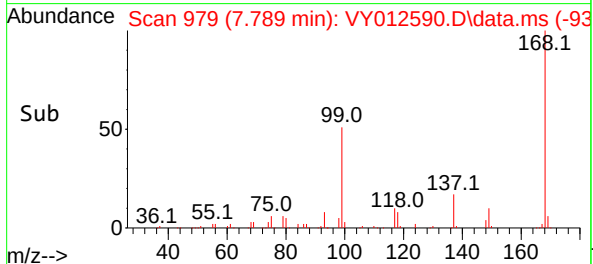
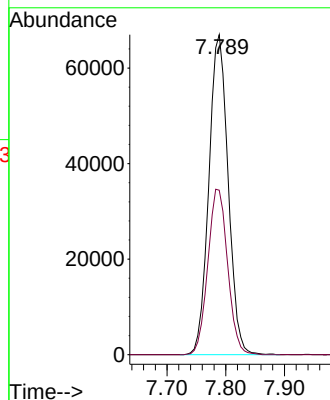
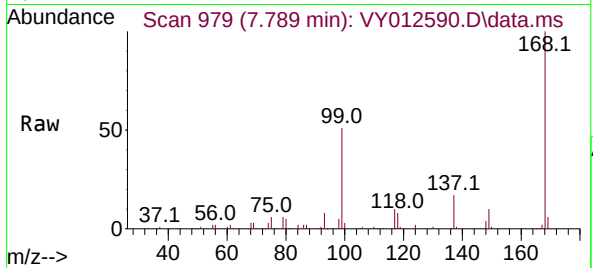




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

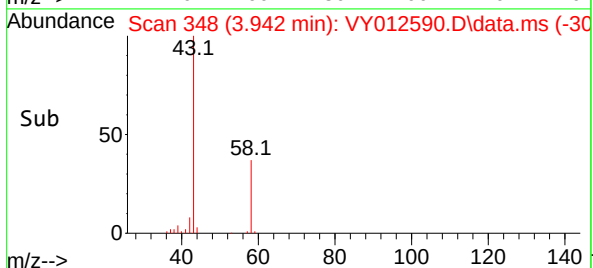
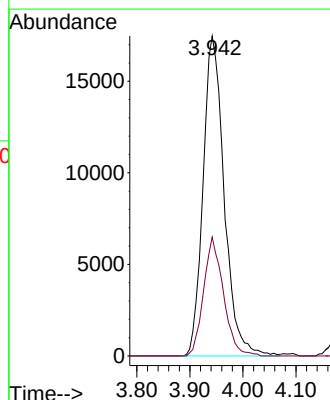
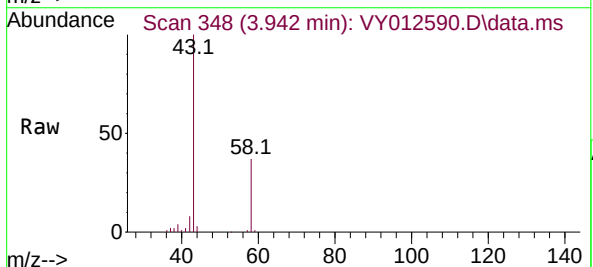
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-44

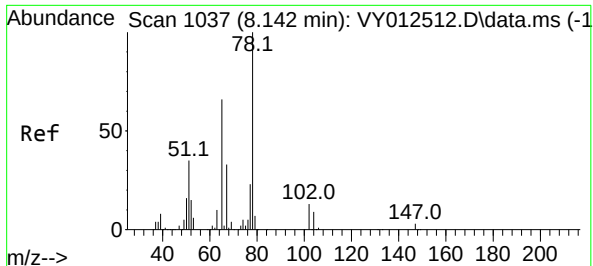
Tgt Ion:168 Resp: 152700
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



#16
Acetone
Concen: 103.581 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

Tgt Ion: 43 Resp: 48409
Ion Ratio Lower Upper
43 100
58 37.2 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 44.488 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012590.D

Acq: 14 Feb 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

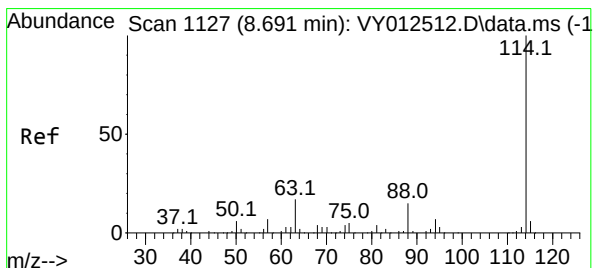
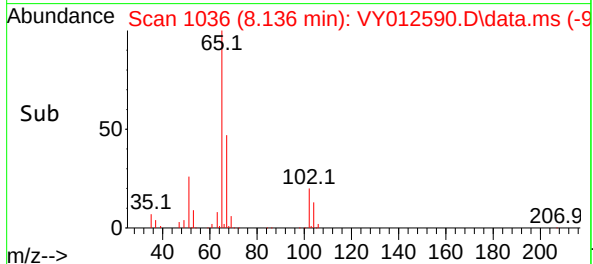
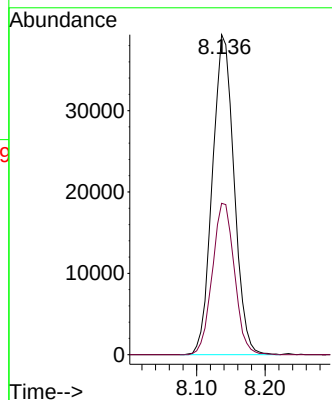
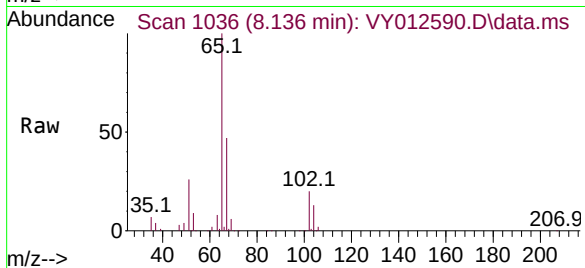
TOT-VOC-GRAB-44

Tgt Ion: 65 Resp: 86385

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012590.D

Acq: 14 Feb 2023 15:44

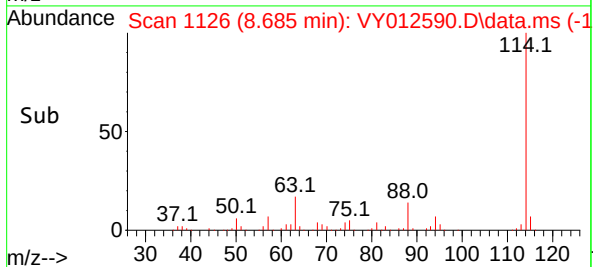
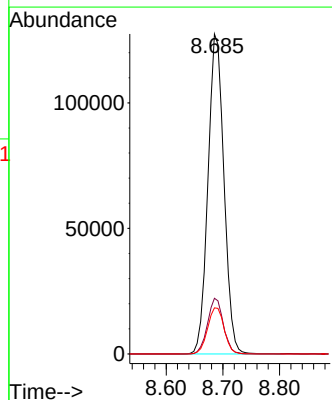
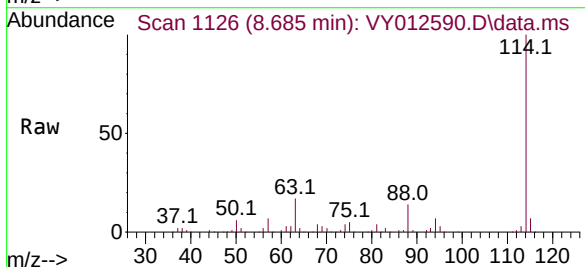
Tgt Ion: 114 Resp: 249341

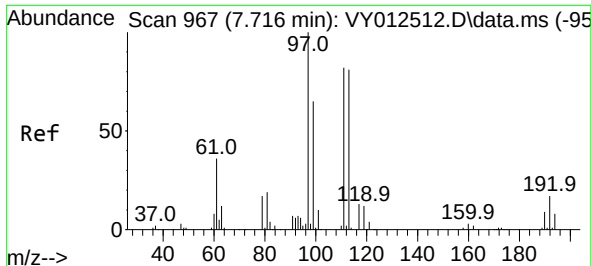
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 14.4 0.0 29.8

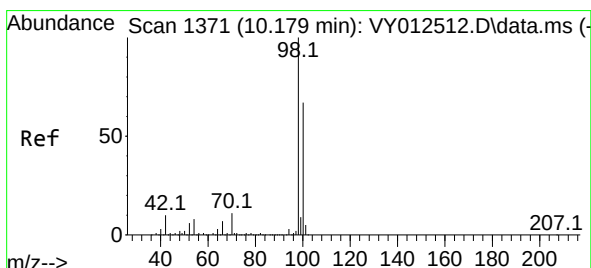
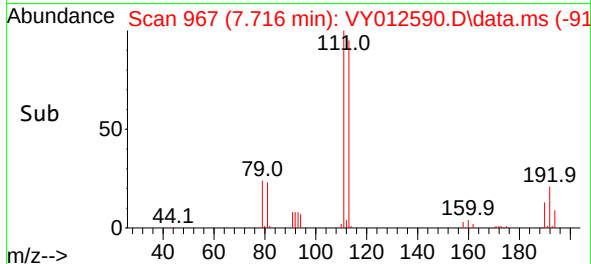
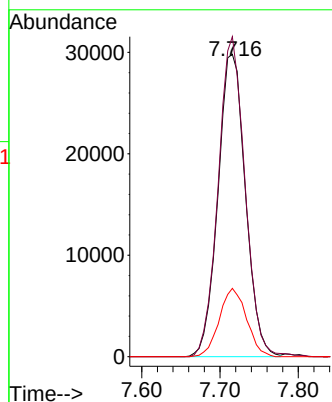
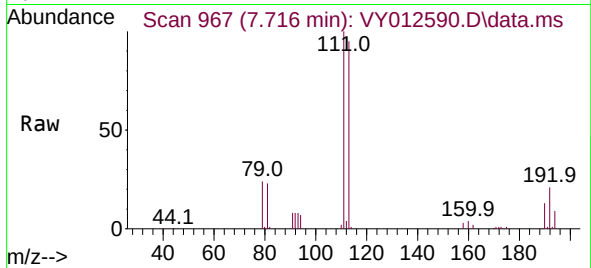




#35
Dibromofluoromethane
Concen: 40.026 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

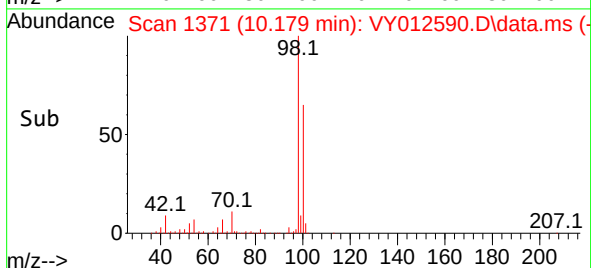
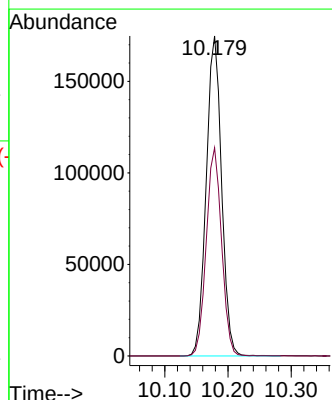
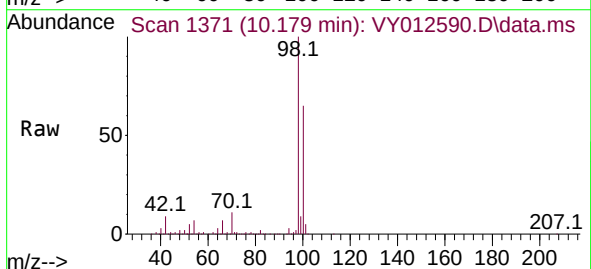
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-44

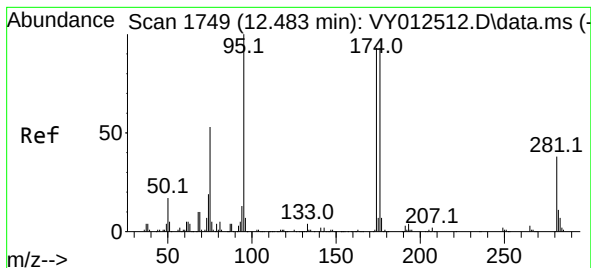
Tgt Ion:113 Resp: 72681
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 22.4 17.5 26.3



#50
Toluene-d8
Concen: 39.034 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

Tgt Ion: 98 Resp: 295023
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

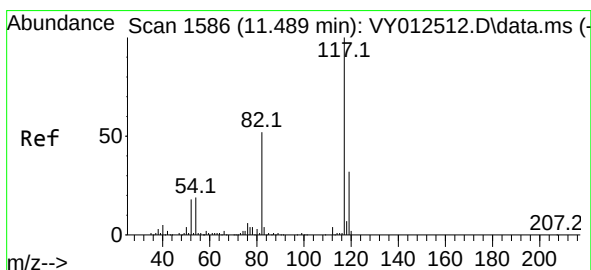
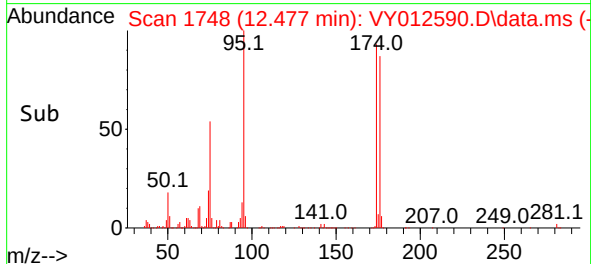
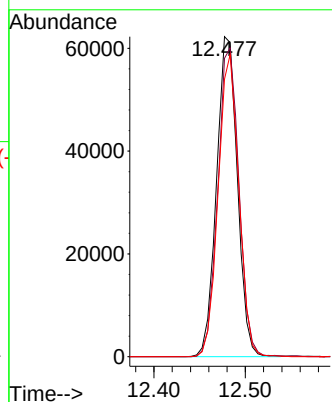
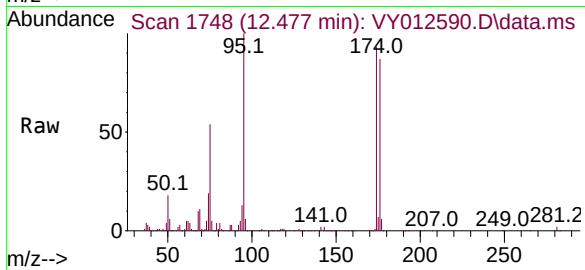




#62
4-Bromofluorobenzene
Concen: 37.488 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

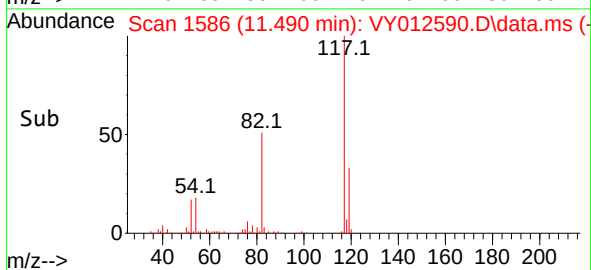
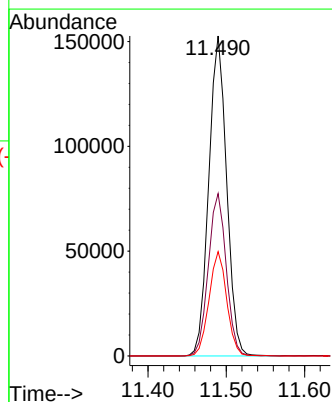
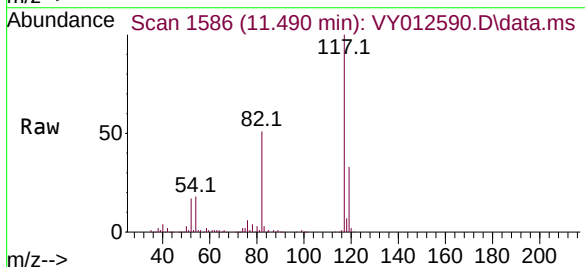
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-44

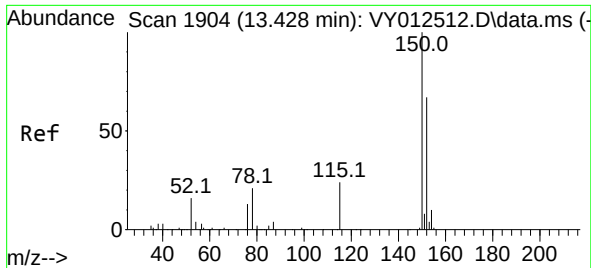
Tgt Ion:	95	Resp:	98828
Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	188.0
176	93.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012590.D
Acq: 14 Feb 2023 15:44

Tgt Ion:	117	Resp:	241300
Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.7	62.5
119	32.6	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012590.D

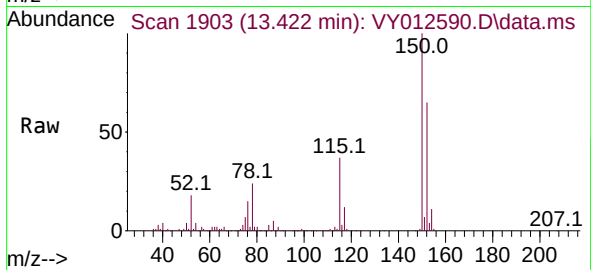
Acq: 14 Feb 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-44



Tgt Ion:152 Resp: 117142

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.3

150 155.6 0.0 351.0

