

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012546.D
 Acq On : 08 Feb 2023 16:36
 Operator : KP/MD
 Sample : 01462-20
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-20

Quant Time: Feb 09 07:15:09 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)

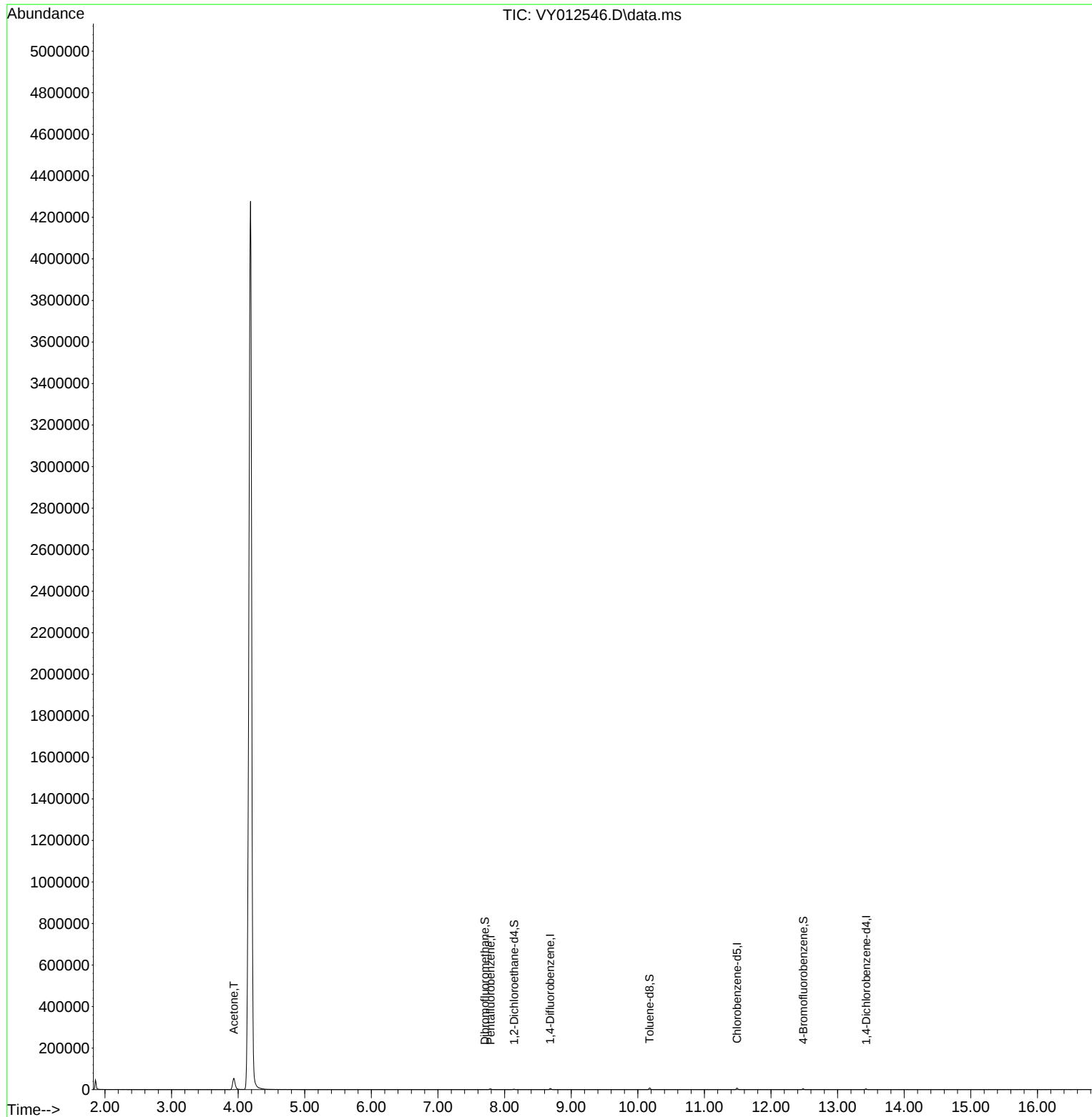
Internal Standards						
1) Pentafluorobenzene	7.789	168	3651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1969	42.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.820%
35) Dibromofluoromethane	7.704	113	485	12.100	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.200%#
50) Toluene-d8	10.179	98	6457	38.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.400%
62) 4-Bromofluorobenzene	12.483	95	1673	28.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.500%
Target Compounds						
16) Acetone	3.936	43	96150	8604.606	ug/l	Qvalue 100

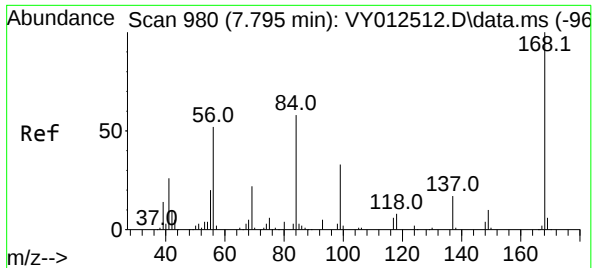
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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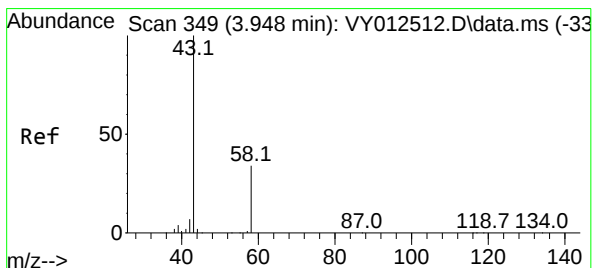
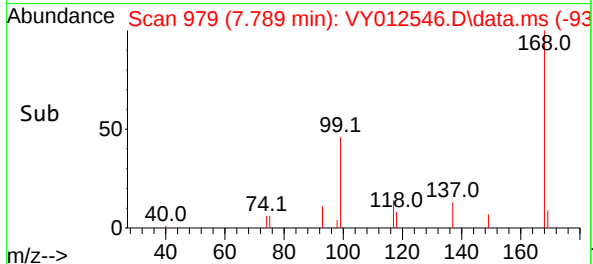
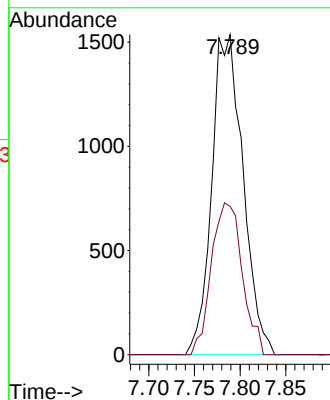
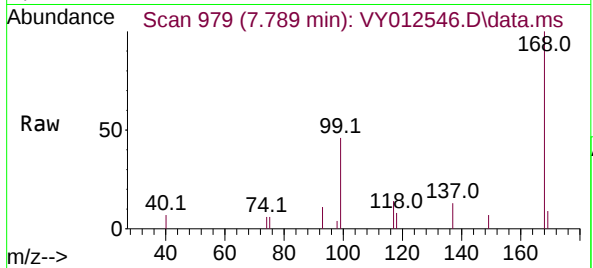




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

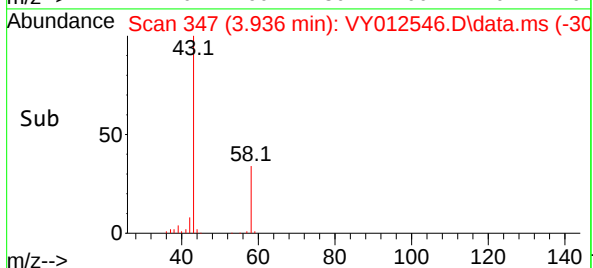
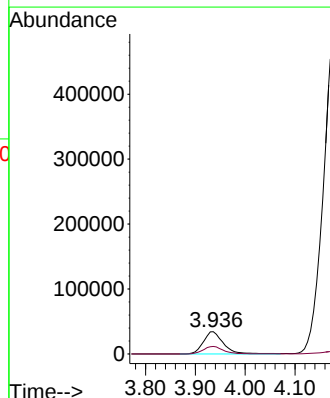
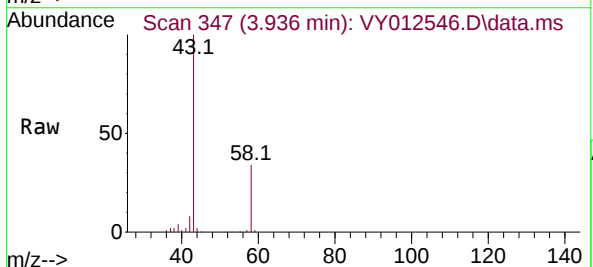
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-20

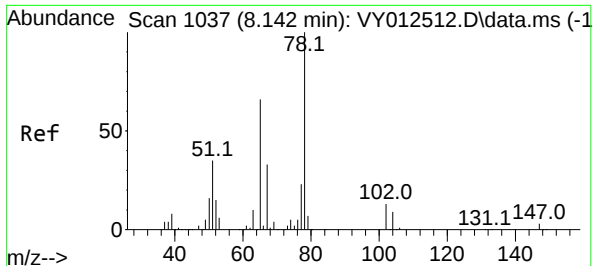
Tgt Ion:168 Resp: 3651
Ion Ratio Lower Upper
168 100
99 46.4 40.8 61.2



#16
Acetone
Concen: 8604.606 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

Tgt Ion: 43 Resp: 96150
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 42.411 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012546.D

Acq: 08 Feb 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

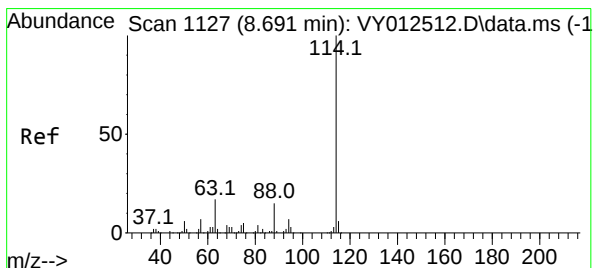
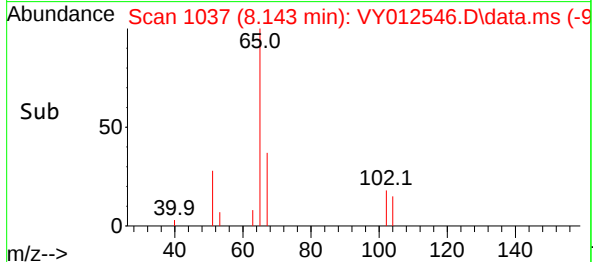
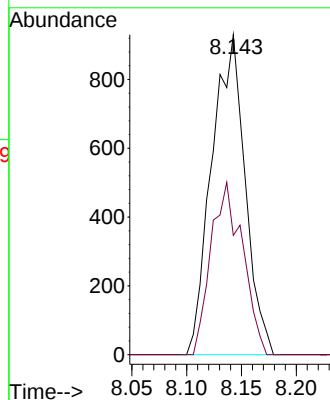
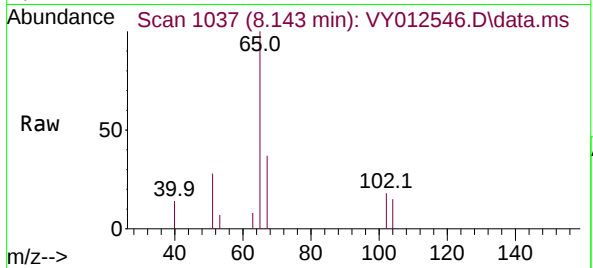
TOT-VOC-GRAB-20

Tgt Ion: 65 Resp: 1969

Ion Ratio Lower Upper

65 100

67 51.0 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: VY012546.D

Acq: 08 Feb 2023 16:36

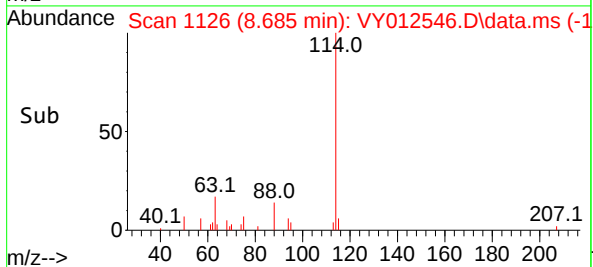
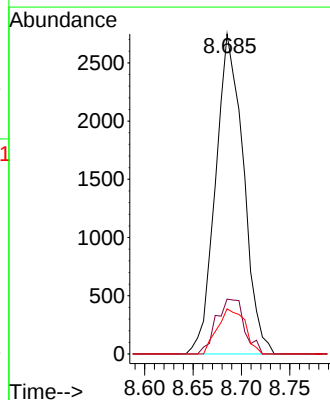
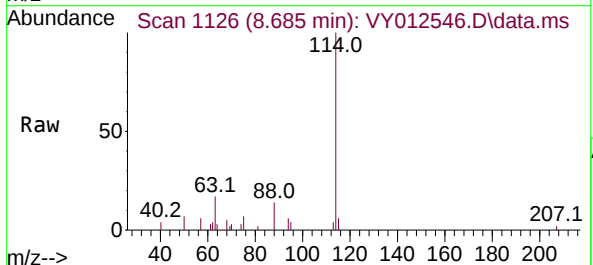
Tgt Ion: 114 Resp: 5504

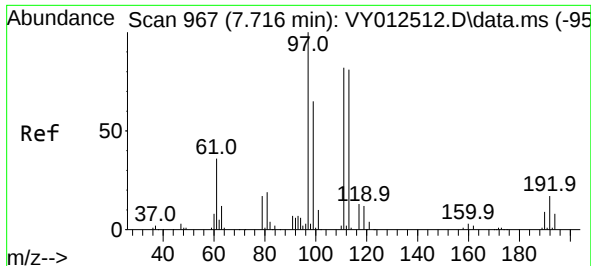
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 14.1 0.0 29.8

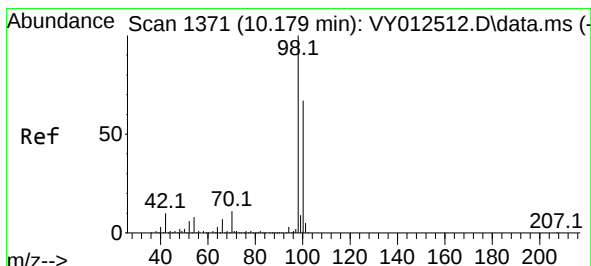
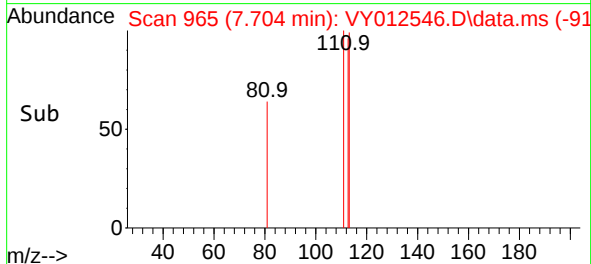
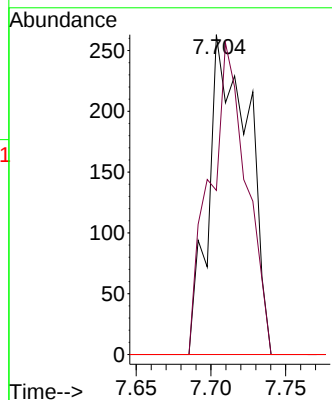
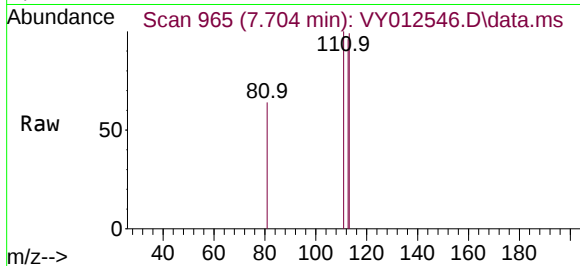




#35
Dibromofluoromethane
Concen: 12.100 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

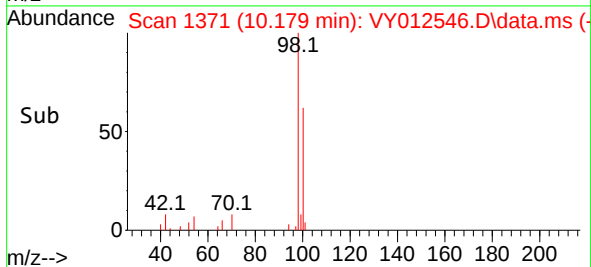
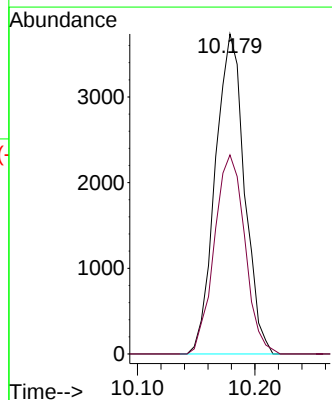
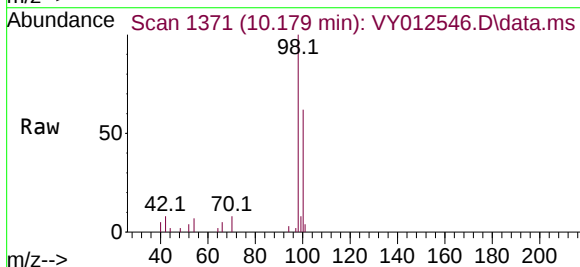
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-20

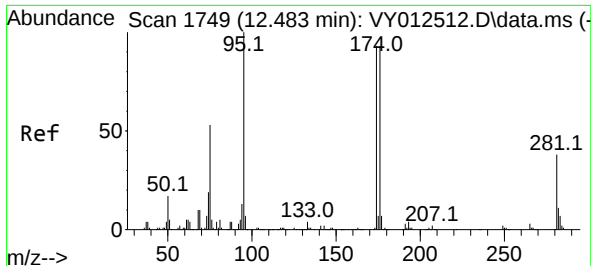
Tgt Ion:113 Resp: 485
Ion Ratio Lower Upper
113 100
111 90.1 81.9 122.9
192 0.0 17.5 26.3#



#50
Toluene-d8
Concen: 38.702 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

Tgt Ion: 98 Resp: 6457
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

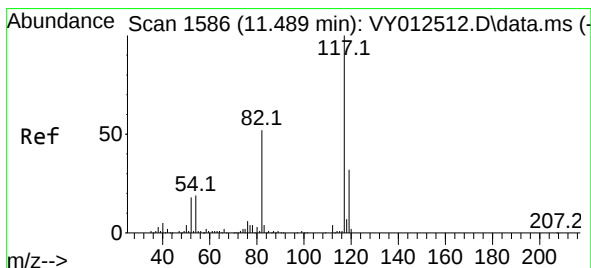
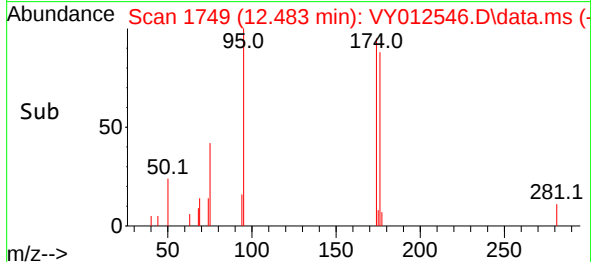
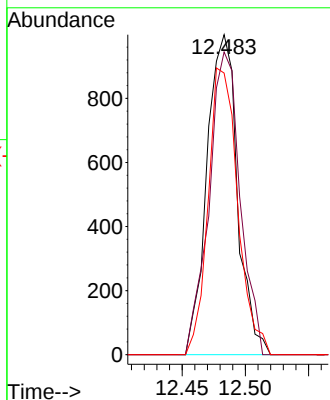
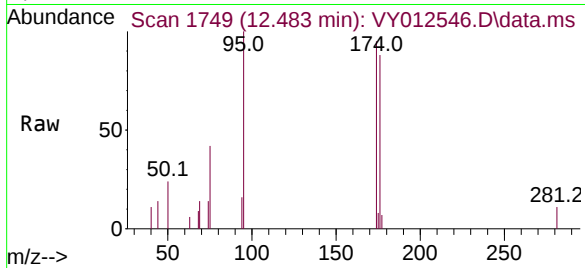




#62
4-Bromofluorobenzene
Concen: 28.749 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

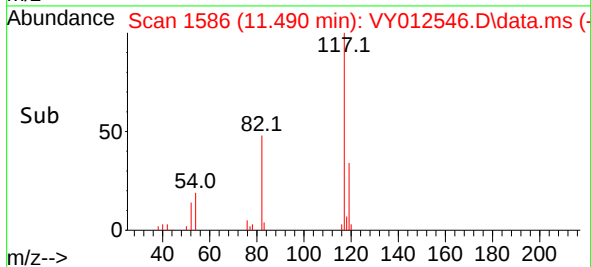
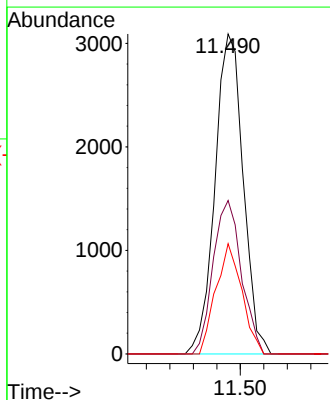
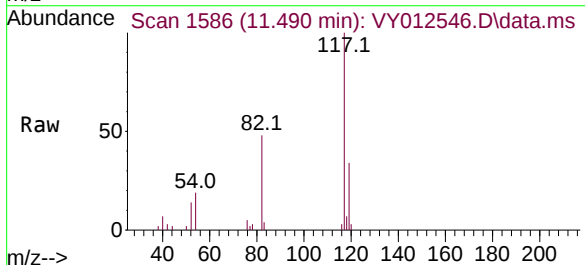
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-20

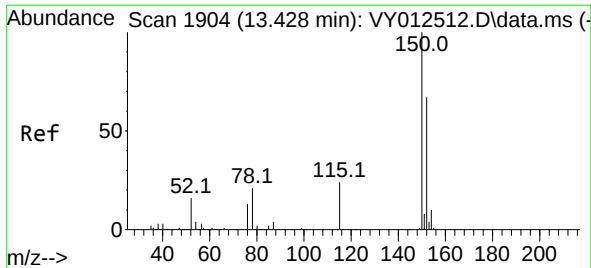
Tgt Ion:	95	Resp:	1673
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	188.0
176	87.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012546.D
Acq: 08 Feb 2023 16:36

Tgt Ion:	117	Resp:	5152
Ion	Ratio	Lower	Upper
117	100		
82	47.9	41.7	62.5
119	34.5	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012546.D

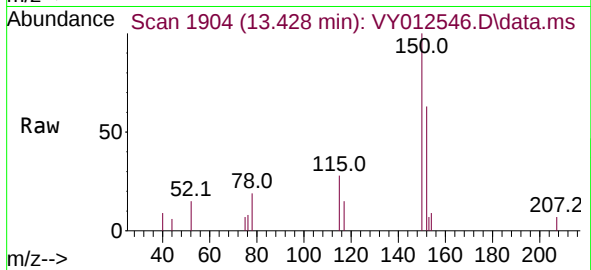
Acq: 08 Feb 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-20



Tgt Ion:152 Resp: 1295

Ion Ratio Lower Upper

152 100

115 48.2 28.1 84.3

150 163.0 0.0 351.0

