

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012321.D
 Acq On : 23 Jan 2023 18:08
 Operator : KP/MD
 Sample : 01251-12
 Misc : 3.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-4

Quant Time: Jan 24 01:30:11 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)

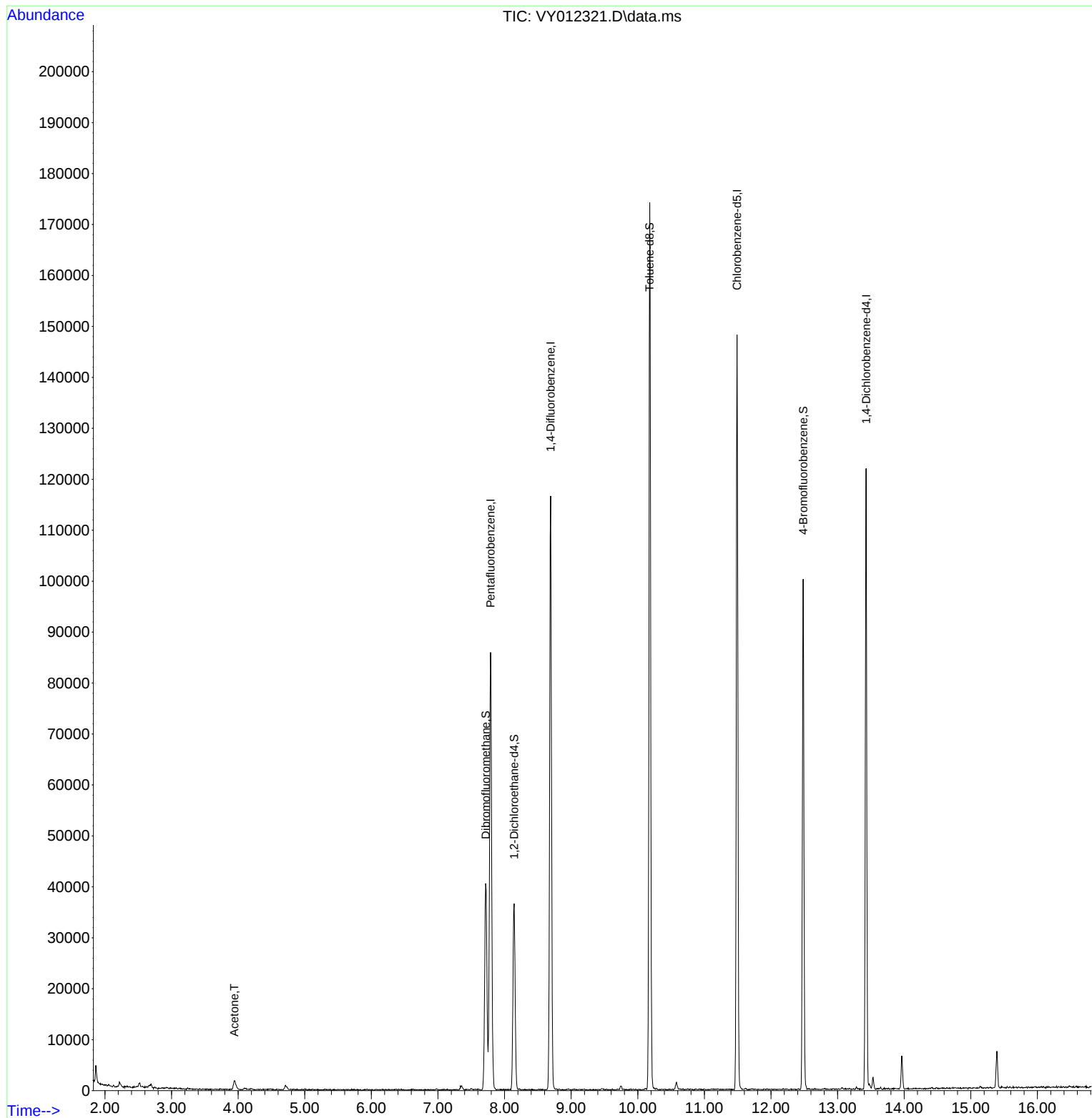
Internal Standards						
1) Pentafluorobenzene	7.789	168	67771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	102005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31874	57.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.640%	
35) Dibromofluoromethane	7.716	113	28104	52.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.179	98	118557	64.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.240%	
62) 4-Bromofluorobenzene	12.483	95	29199	38.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.700%	
Target Compounds						
16) Acetone	3.942	43	3355	17.778	ug/l	Qvalue 98

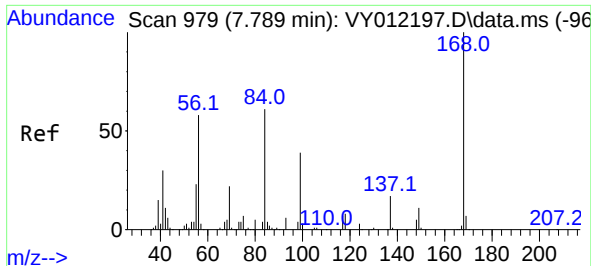
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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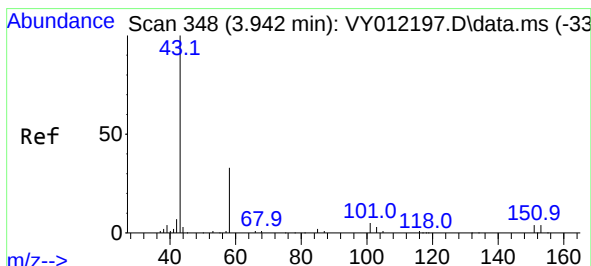
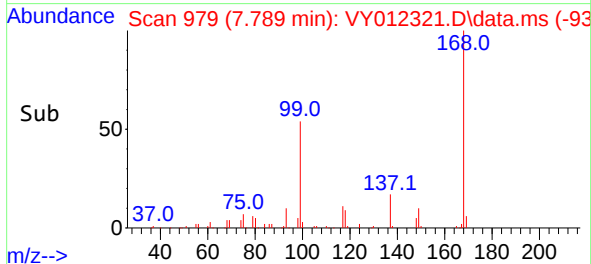
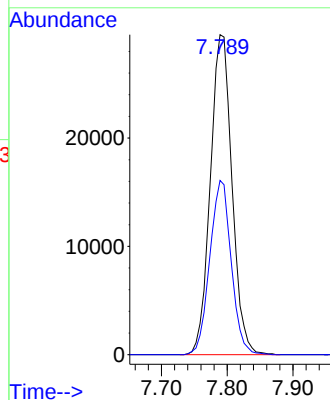
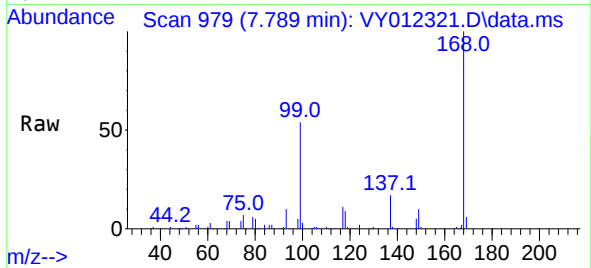




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

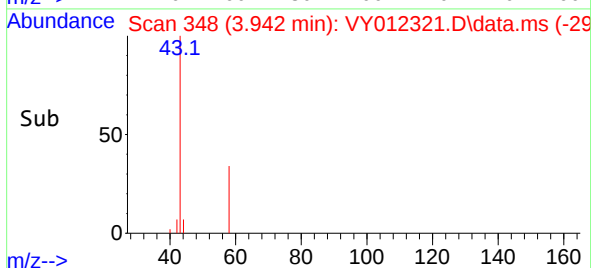
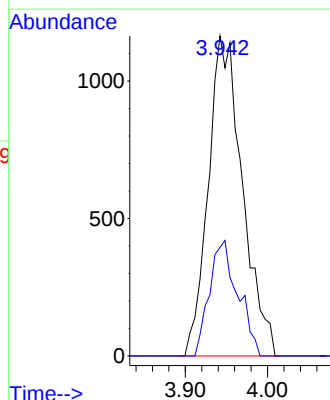
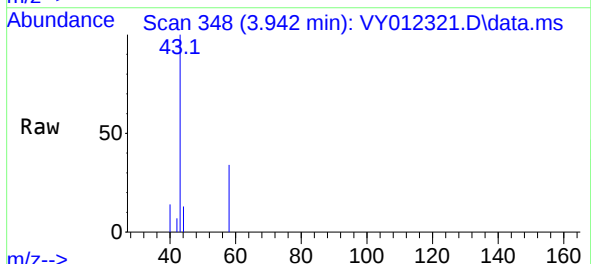
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-4

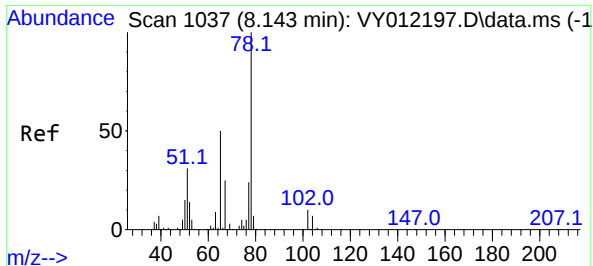
Tgt Ion:168 Resp: 67771
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#16
Acetone
Concen: 17.778 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 57.316 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012321.D

Acq: 23 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

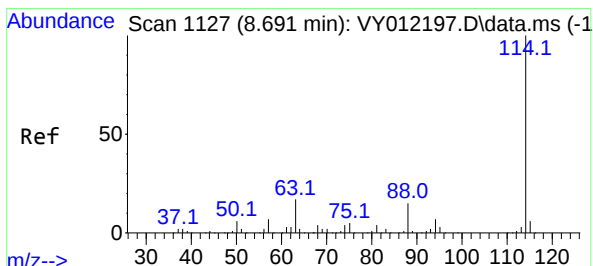
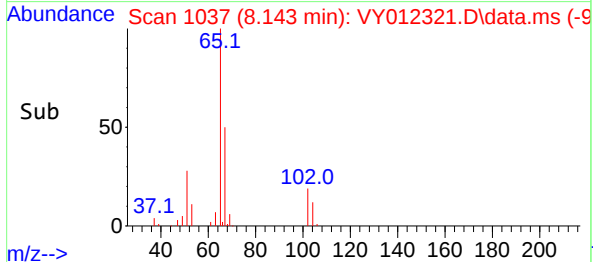
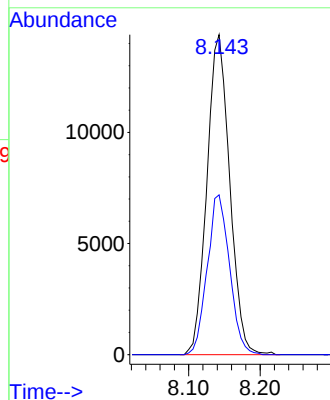
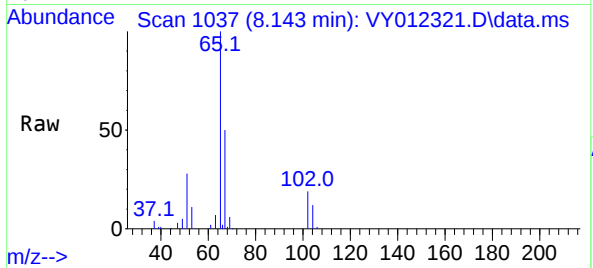
TOT-VOC-4

Tgt Ion: 65 Resp: 31874

Ion Ratio Lower Upper

65 100

67 48.9 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: VY012321.D

Acq: 23 Jan 2023 18:08

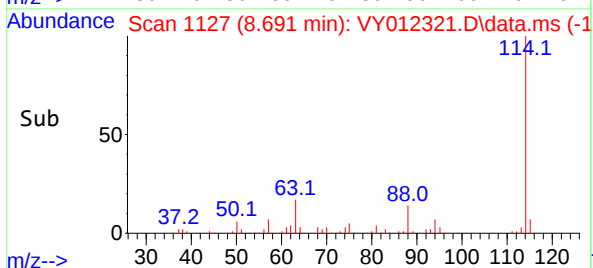
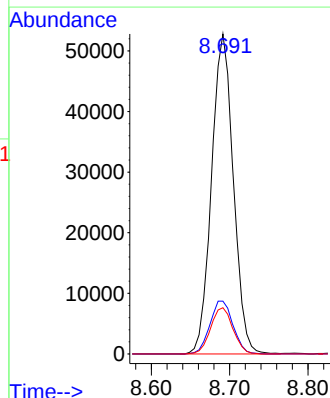
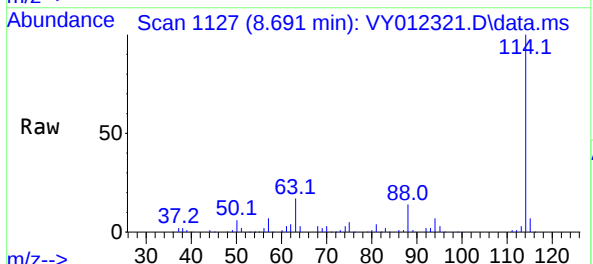
Tgt Ion: 114 Resp: 102005

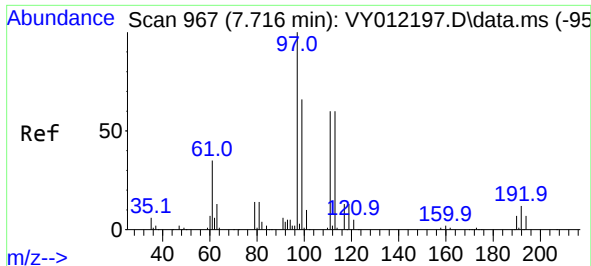
Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.5 0.0 32.2

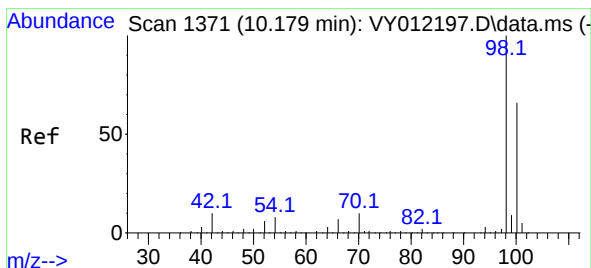
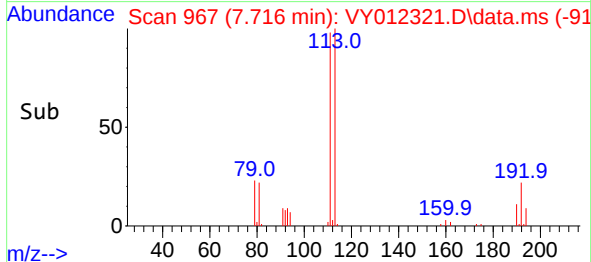
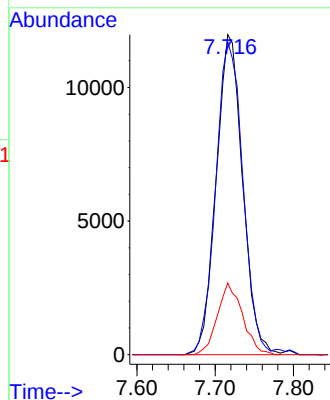
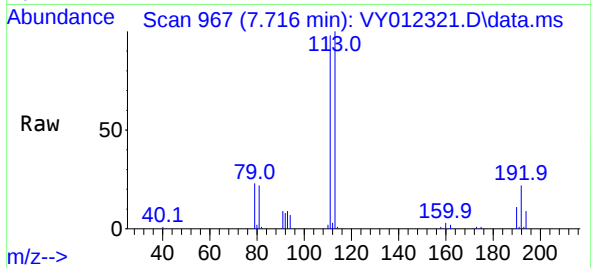




#35
Dibromofluoromethane
Concen: 52.033 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

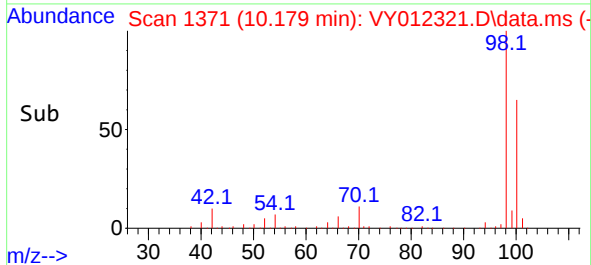
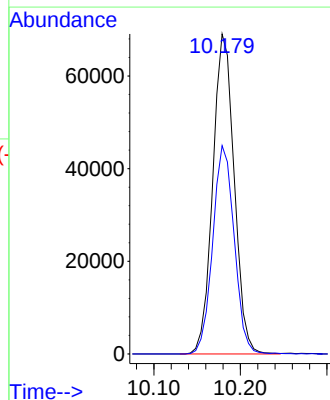
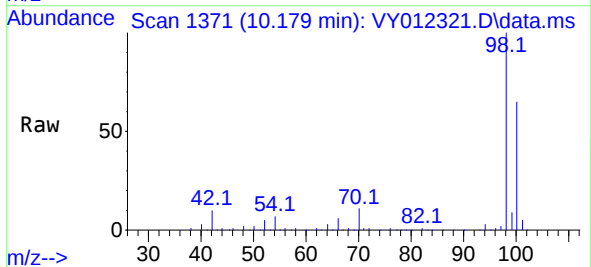
Instrument :
MSVOA_Y
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TOT-VOC-4

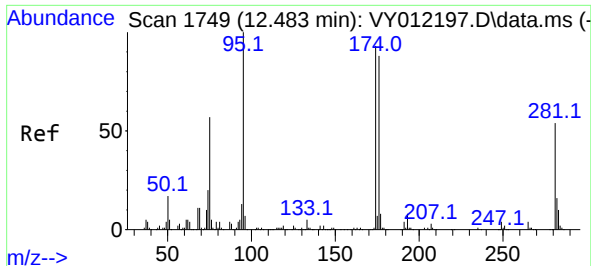
Tgt Ion:113 Resp: 28104
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 21.3 16.0 24.0



#50
Toluene-d8
Concen: 64.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 98 Resp: 118557
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

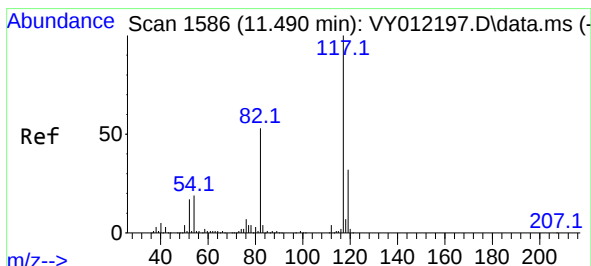
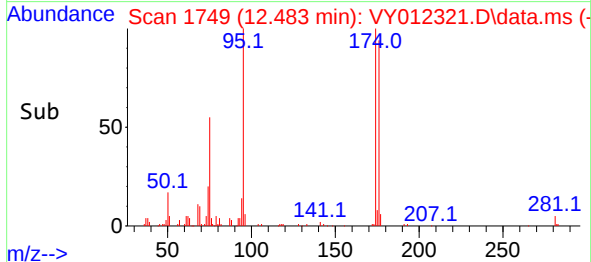
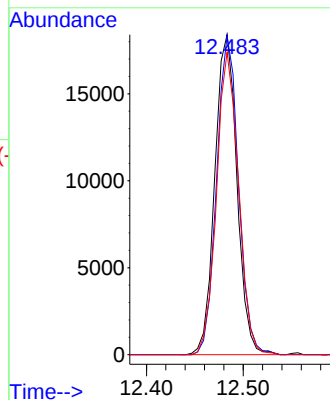
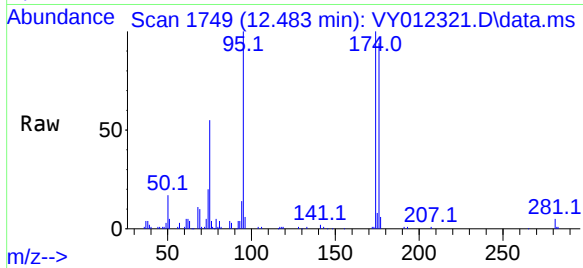




#62
4-Bromofluorobenzene
Concen: 38.349 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

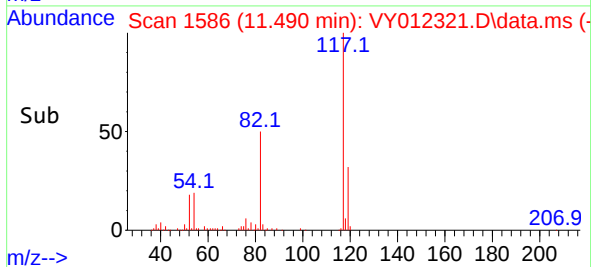
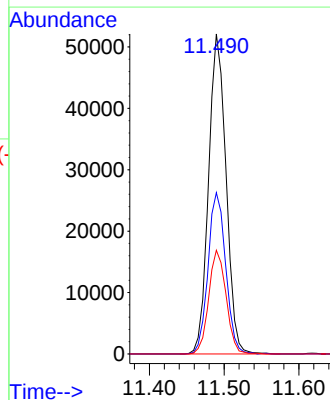
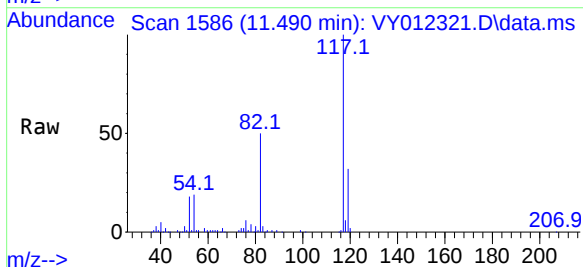
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-4

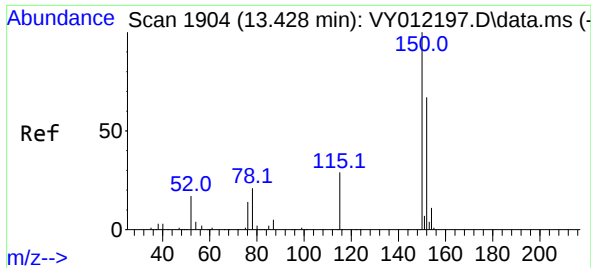
Tgt Ion: 95 Resp: 29199
Ion Ratio Lower Upper
95 100
174 98.2 0.0 172.0
176 93.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

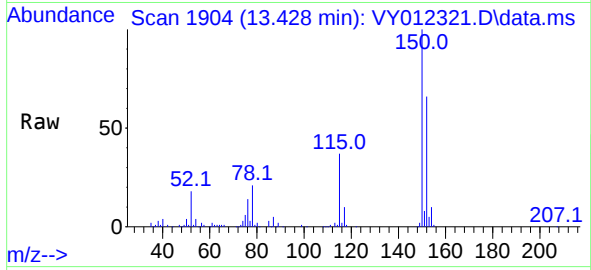
Tgt Ion: 117 Resp: 84525
Ion Ratio Lower Upper
117 100
82 50.4 44.8 67.2
119 32.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012321.D
 Acq: 23 Jan 2023 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-4



Tgt Ion:152 Resp: 32509

Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.1	87.3
150	157.7	0.0	342.6

