

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012320.D
 Acq On : 23 Jan 2023 17:45
 Operator : KP/MD
 Sample : 01251-11
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-3

Quant Time: Jan 24 01:29:58 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)

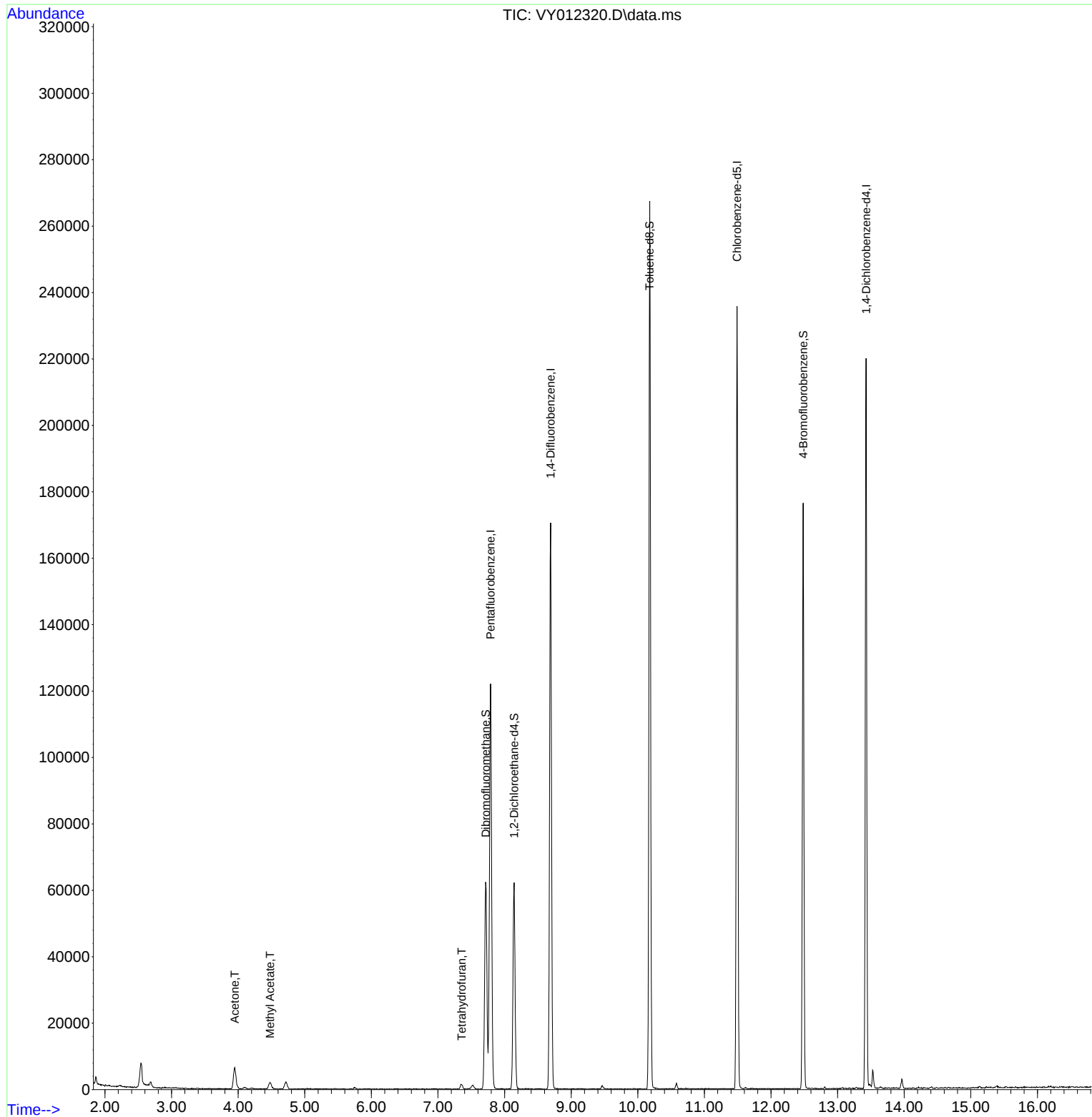
Internal Standards						
1) Pentafluorobenzene	7.789	168	94679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51497	66.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.900%
35) Dibromofluoromethane	7.716	113	42710	53.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.179	98	176673	65.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.720%
62) 4-Bromofluorobenzene	12.483	95	51442	45.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	11433	43.366	ug/l	99
18) Methyl Acetate	4.478	43	3630	6.153	ug/l #	88
29) Tetrahydrofuran	7.356	42	960	6.005	ug/l #	87

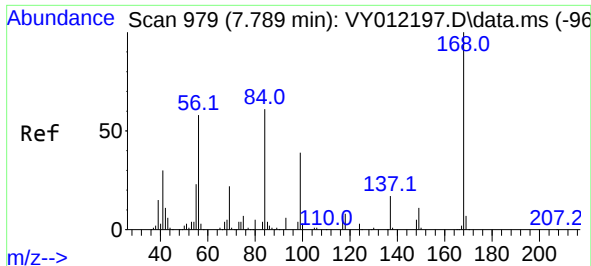
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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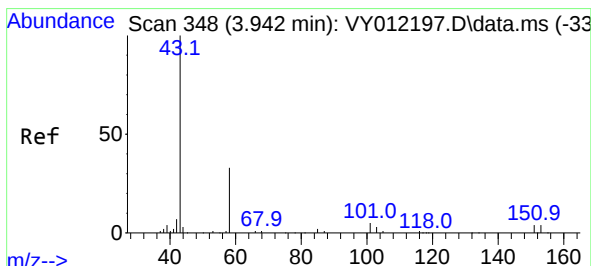
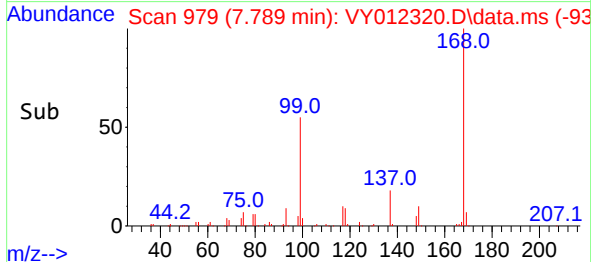
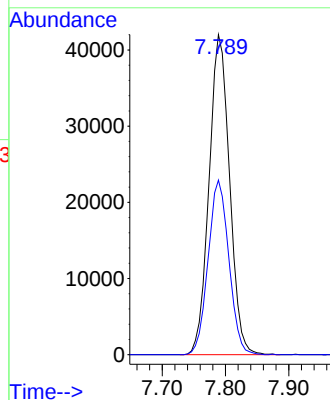
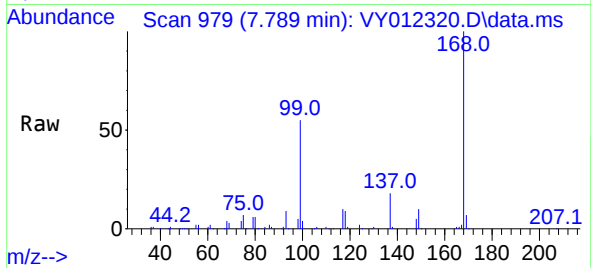




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

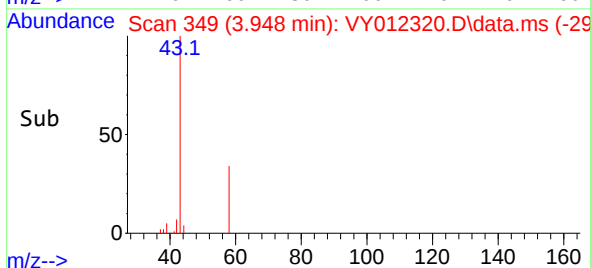
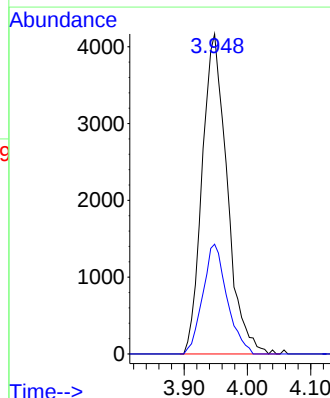
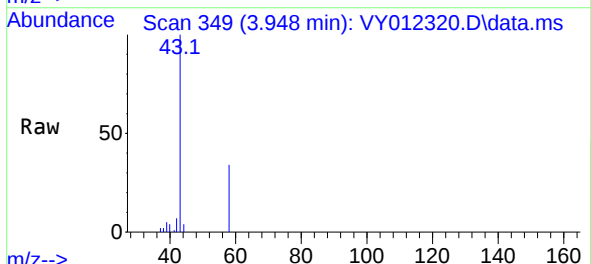
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3

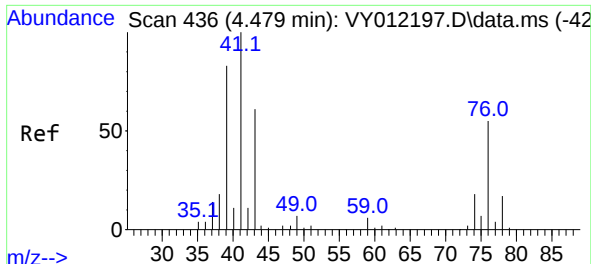
Tgt Ion:168 Resp: 94679
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#16
Acetone
Concen: 43.366 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 43 Resp: 11433
Ion Ratio Lower Upper
43 100
58 34.3 27.9 41.9

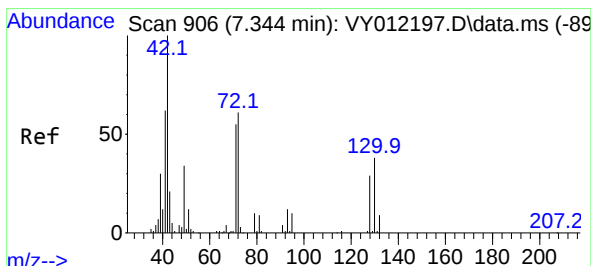
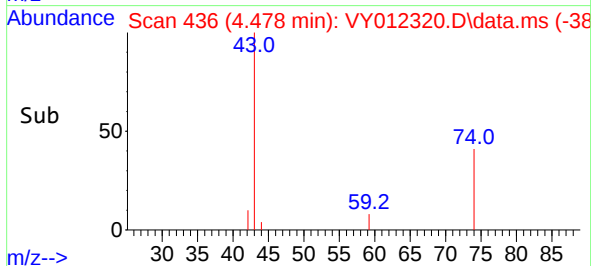
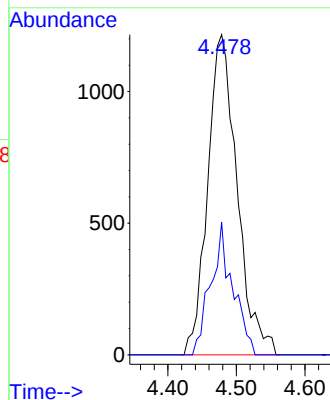
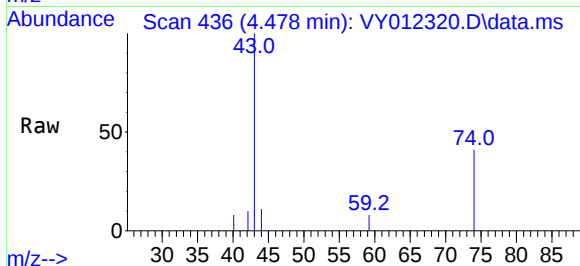




#18
Methyl Acetate
Concen: 6.153 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

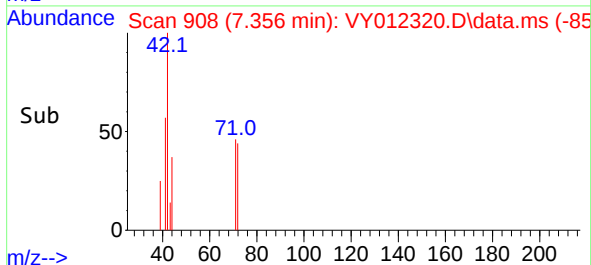
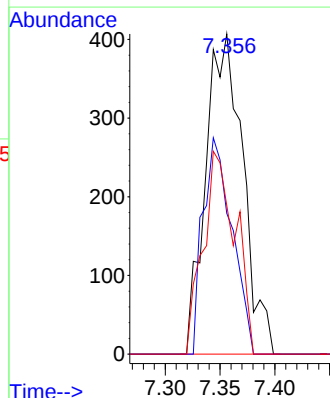
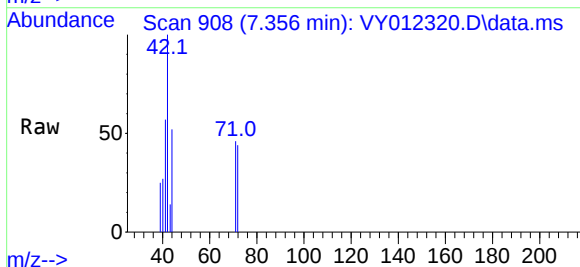
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3

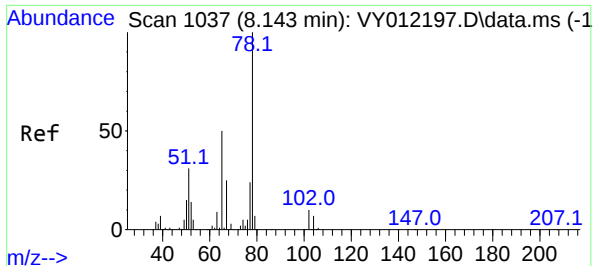
Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
74 31.0 20.1 30.1#



#29
Tetrahydrofuran
Concen: 6.005 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 42 Resp: 960
Ion Ratio Lower Upper
42 100
72 52.6 37.0 55.6
71 54.8 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 66.953 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012320.D

Acq: 23 Jan 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

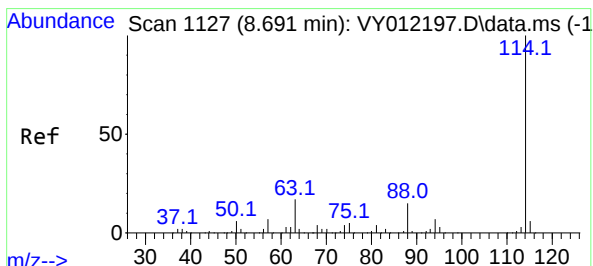
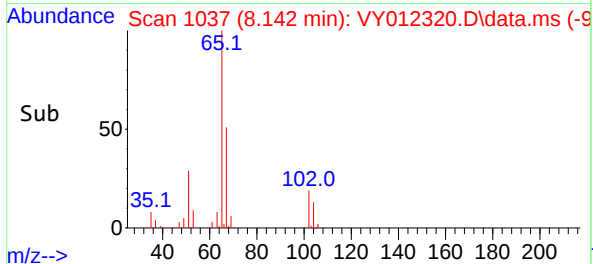
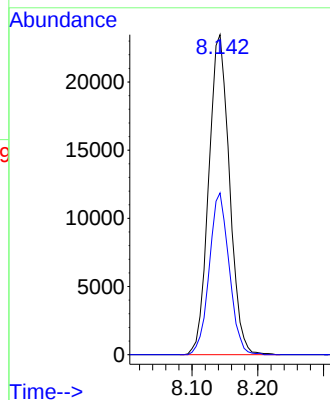
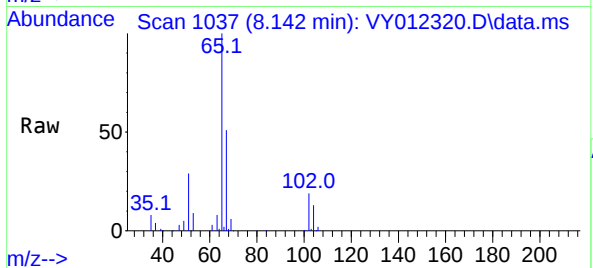
TOT-VOC-3

Tgt Ion: 65 Resp: 51497

Ion Ratio Lower Upper

65 100

67 48.5 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: VY012320.D

Acq: 23 Jan 2023 17:45

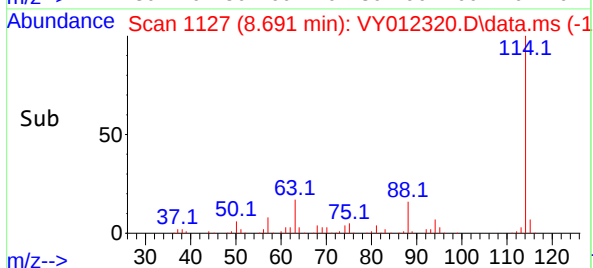
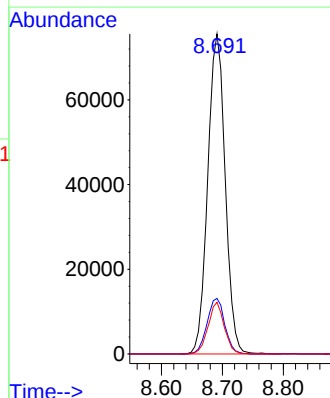
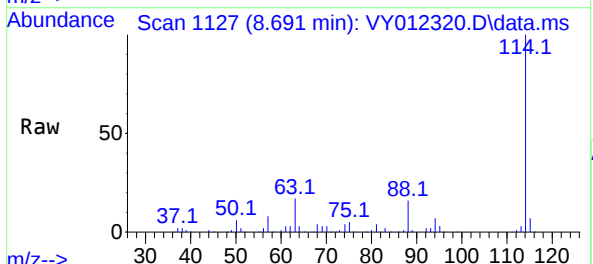
Tgt Ion: 114 Resp: 150396

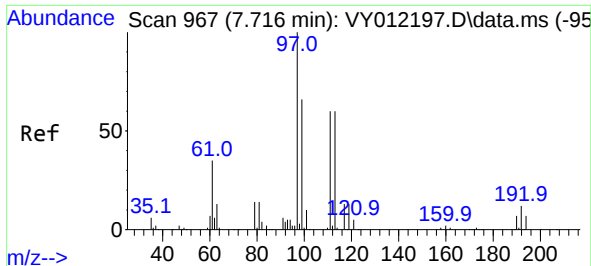
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 16.2 0.0 32.2

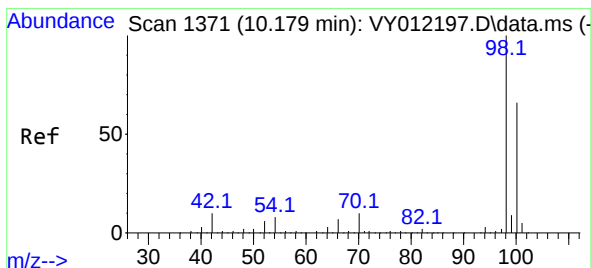
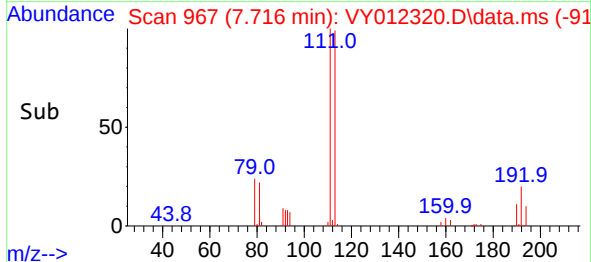
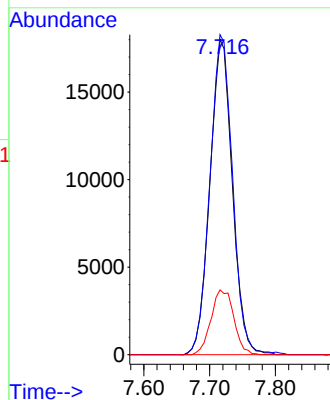
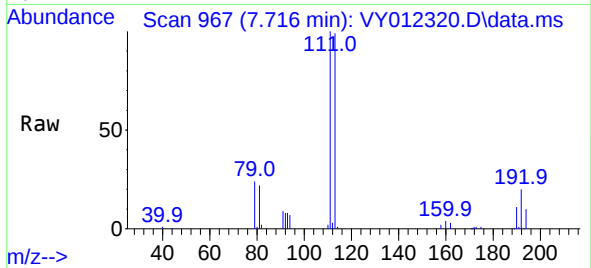




#35
Dibromofluoromethane
Concen: 53.632 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

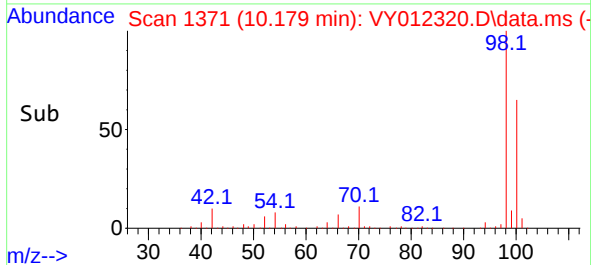
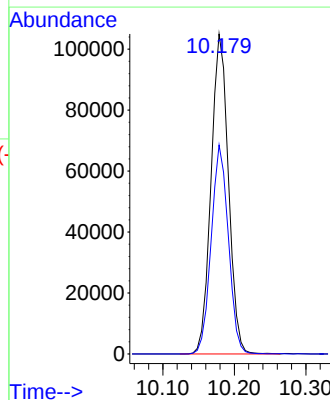
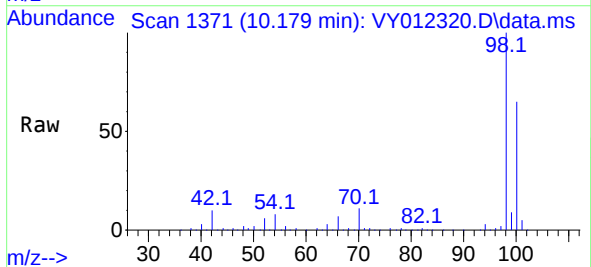
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3

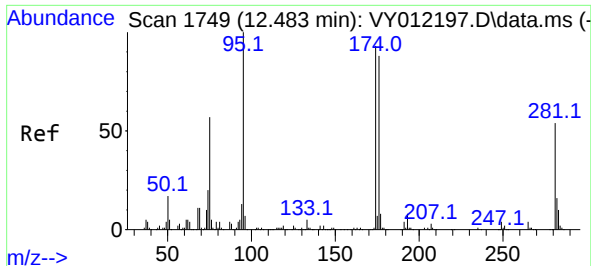
Tgt Ion:113 Resp: 42710
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.9 16.0 24.0



#50
Toluene-d8
Concen: 65.361 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 98 Resp: 176673
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

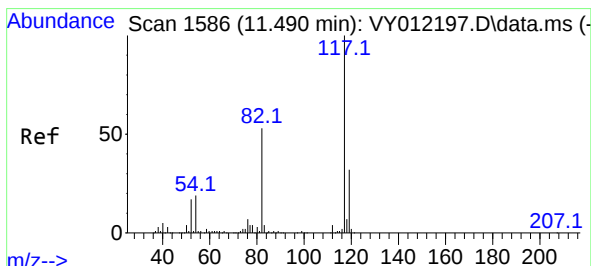
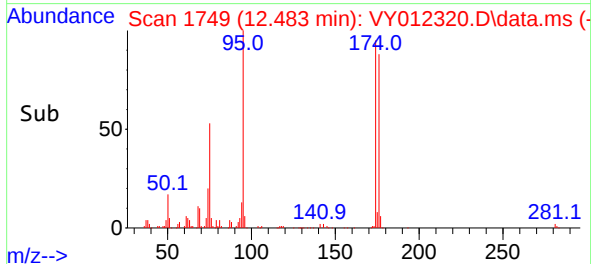
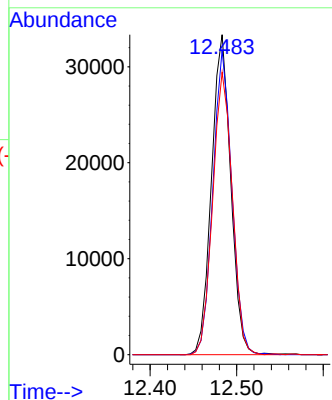
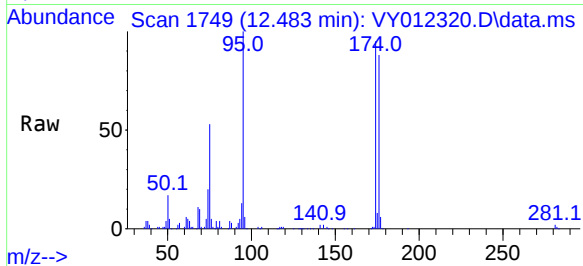




#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

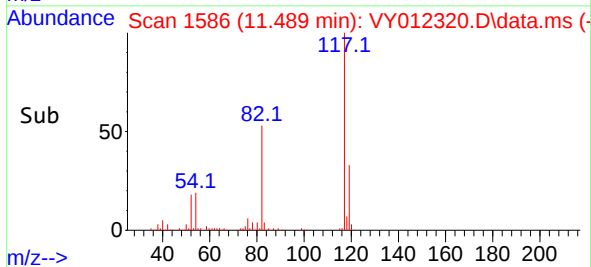
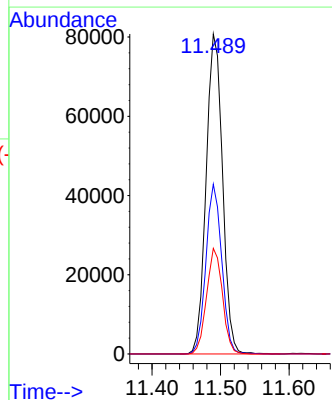
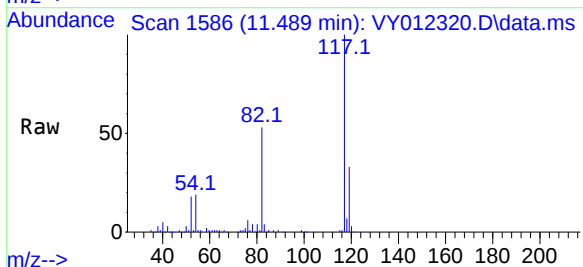
Instrument :
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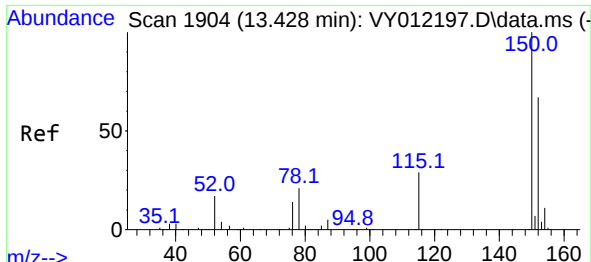
Tgt Ion: 95 Resp: 51442
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

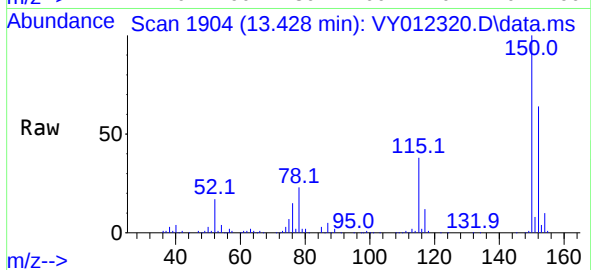
Tgt Ion: 117 Resp: 134472
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 33.0 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3



Tgt Ion:152 Resp: 57591
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 159.3 0.0 342.6

