

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012319.D
 Acq On : 23 Jan 2023 17:21
 Operator : KP/MD
 Sample : 01251-06
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2

Quant Time: Jan 24 01:29:43 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)

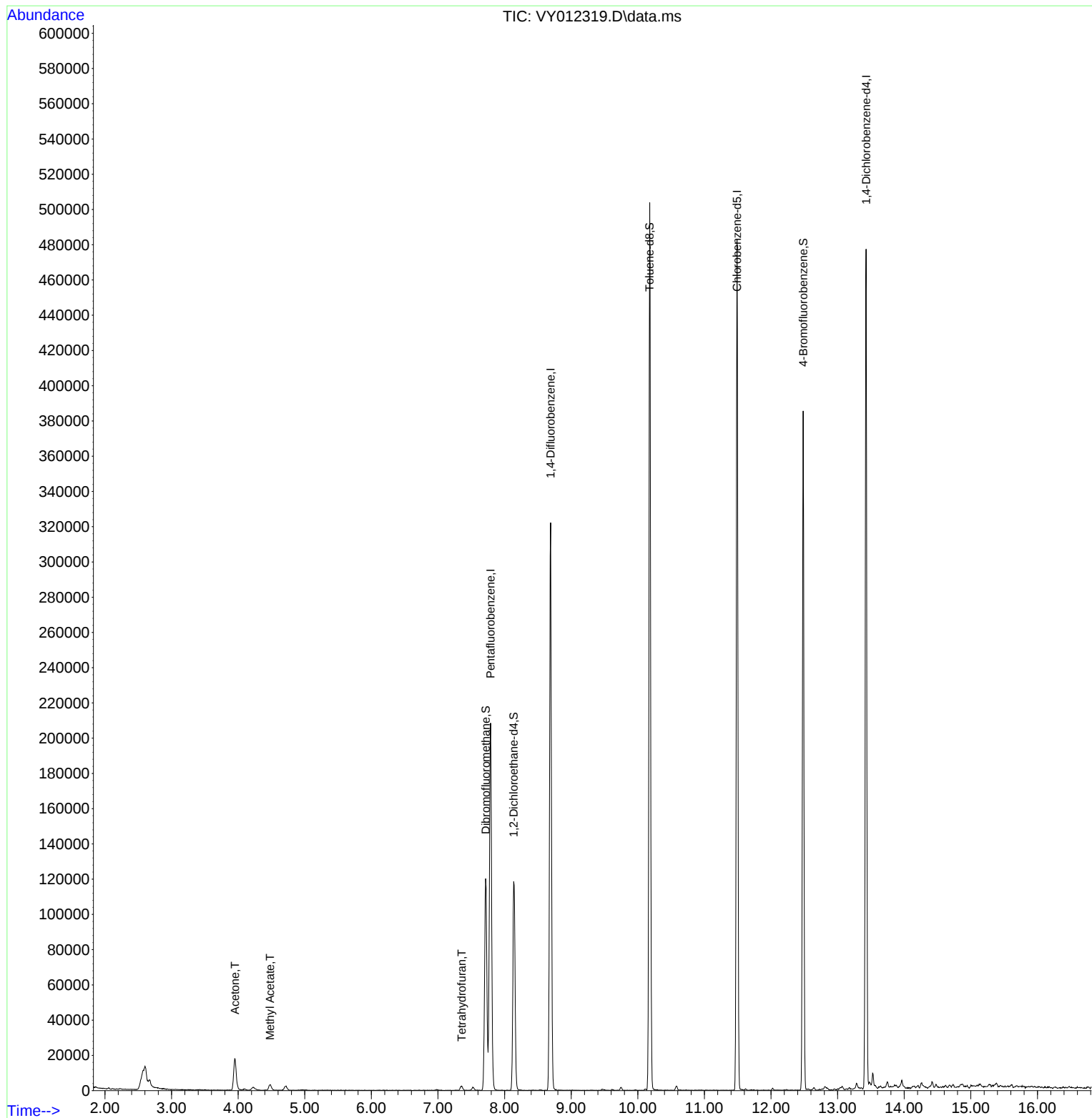
Internal Standards						
1) Pentafluorobenzene	7.789	168	164876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103817	78.182	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 156.360%		
35) Dibromofluoromethane	7.716	113	82040	56.201	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.400%		
50) Toluene-d8	10.179	98	332012	67.128	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 134.260%		
62) 4-Bromofluorobenzene	12.483	95	110140	53.523	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.040%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	31466	68.538	ug/l	98
18) Methyl Acetate	4.479	43	5650	5.500	ug/l #	83
29) Tetrahydrofuran	7.356	42	1718	6.171	ug/l #	74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012319.D
Acq On : 23 Jan 2023 17:21
Operator : KP/MD
Sample : 01251-06
Misc : 3.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

Quant Time: Jan 24 01:29:43 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

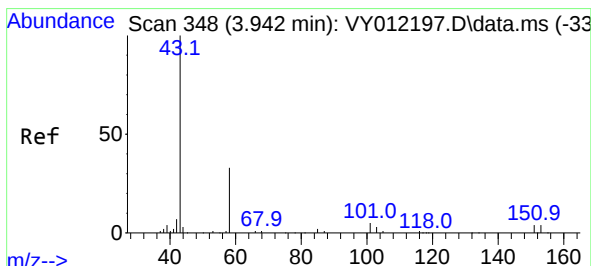
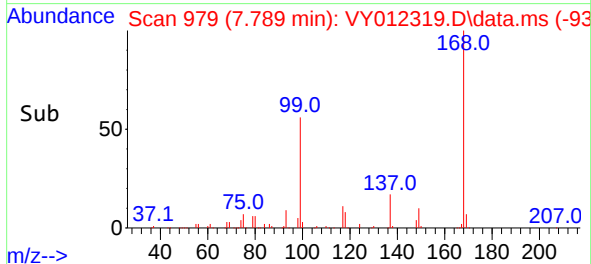
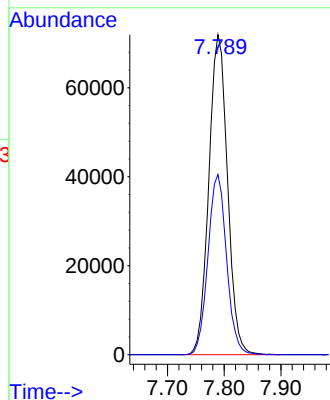
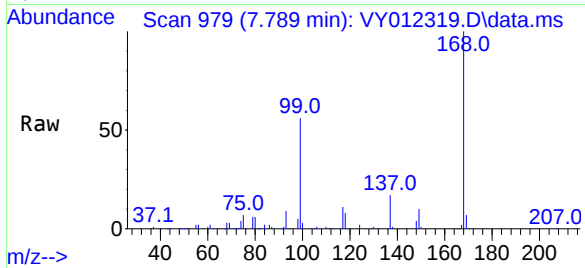




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

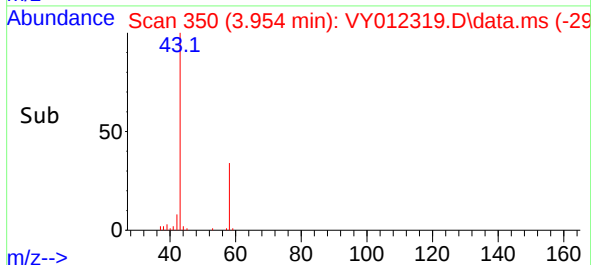
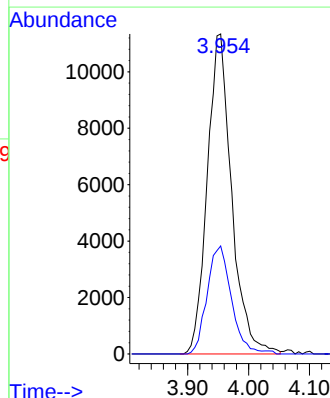
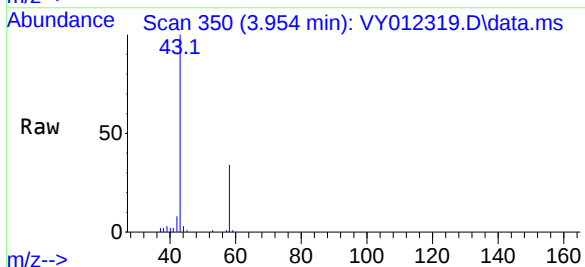
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

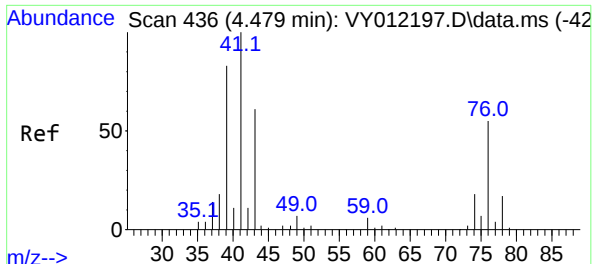
Tgt Ion:168 Resp: 164876
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#16
Acetone
Concen: 68.538 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 43 Resp: 31466
Ion Ratio Lower Upper
43 100
58 33.8 27.9 41.9

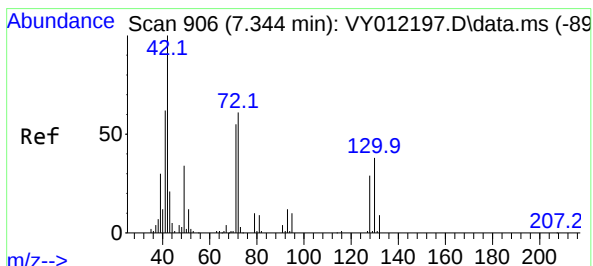
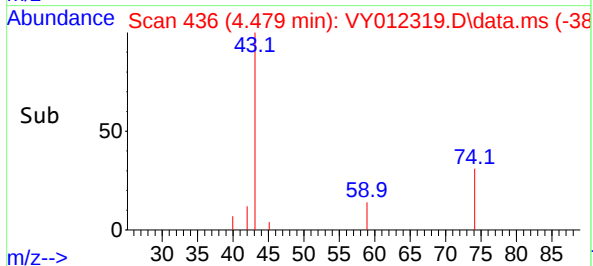
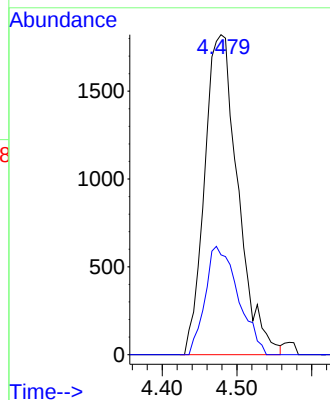
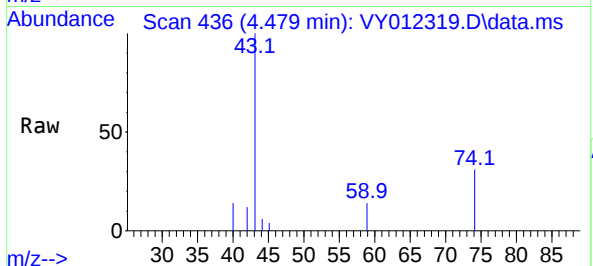




#18
Methyl Acetate
Concen: 5.500 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

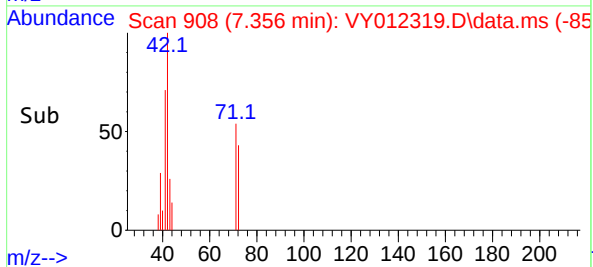
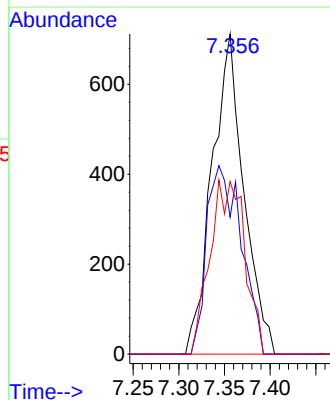
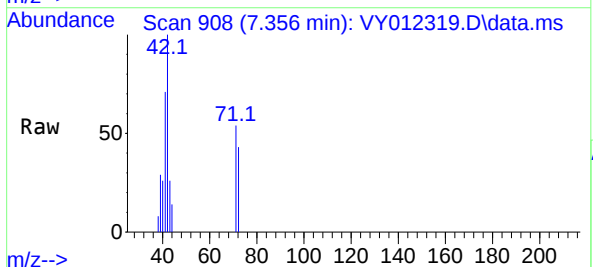
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

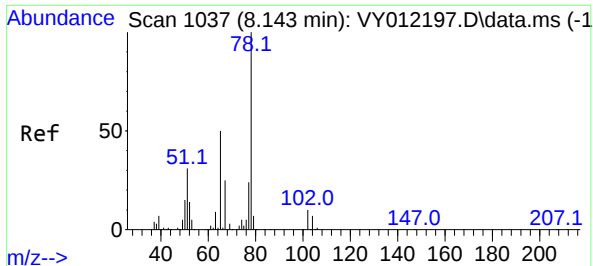
Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
74 33.5 20.1 30.1#



#29
Tetrahydrofuran
Concen: 6.171 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 42 Resp: 1718
Ion Ratio Lower Upper
42 100
72 64.0 37.0 55.6#
71 59.7 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 78.182 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY012319.D

Acq: 23 Jan 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

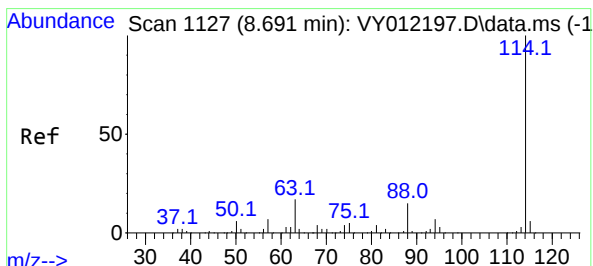
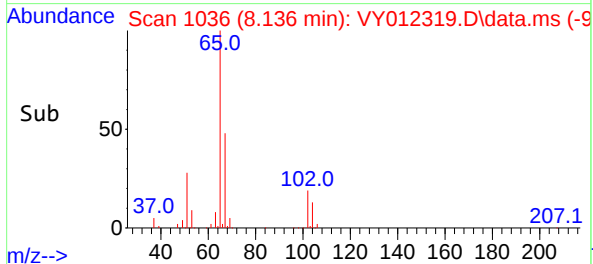
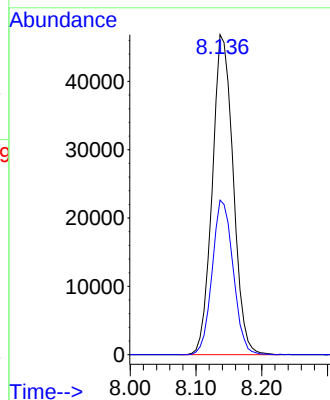
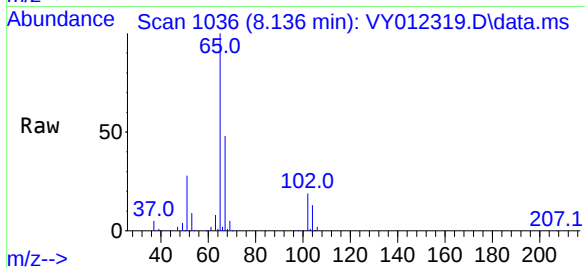
TOT-VOC-2

Tgt Ion: 65 Resp: 103817

Ion Ratio Lower Upper

65 100

67 48.4 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: VY012319.D

Acq: 23 Jan 2023 17:21

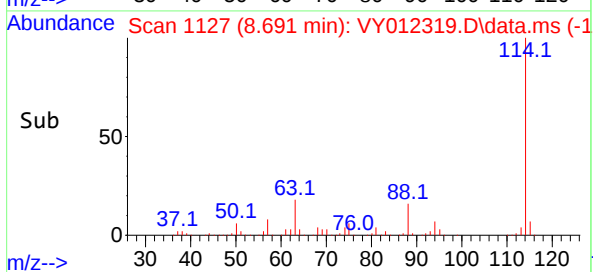
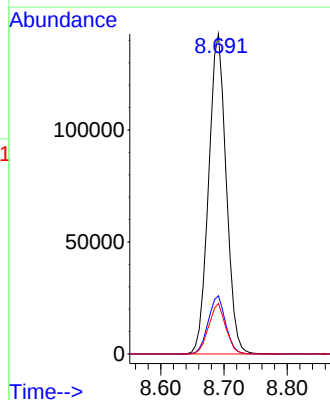
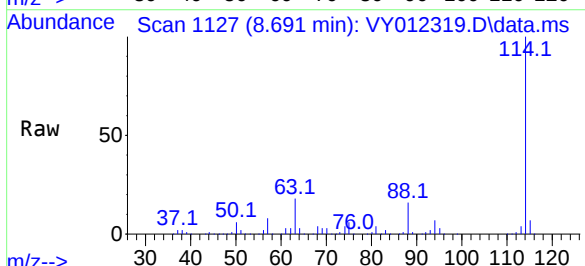
Tgt Ion: 114 Resp: 275685

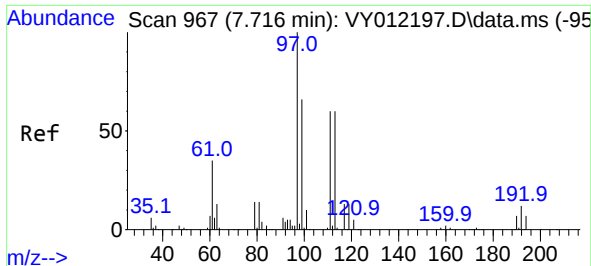
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.8 0.0 32.2

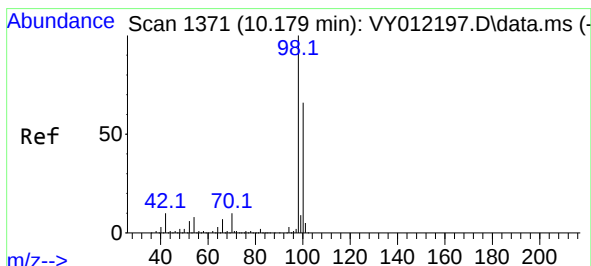
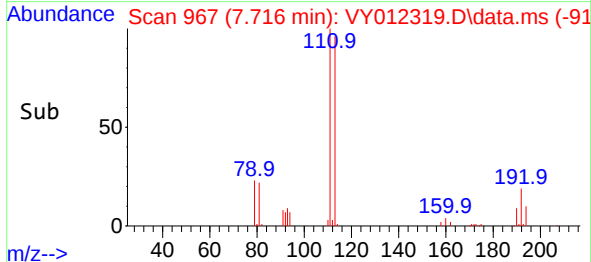
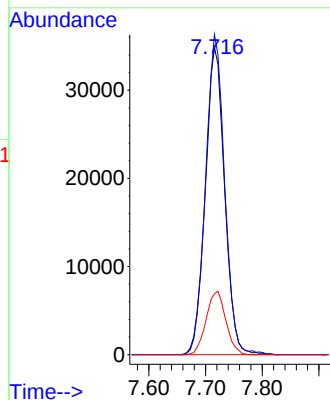
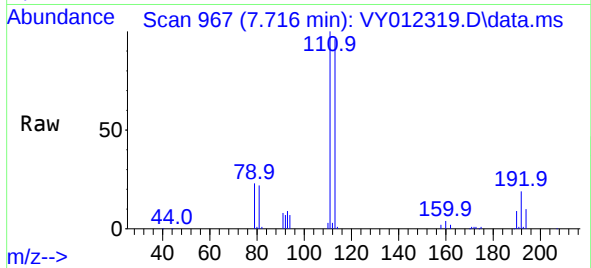




#35
Dibromofluoromethane
Concen: 56.201 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

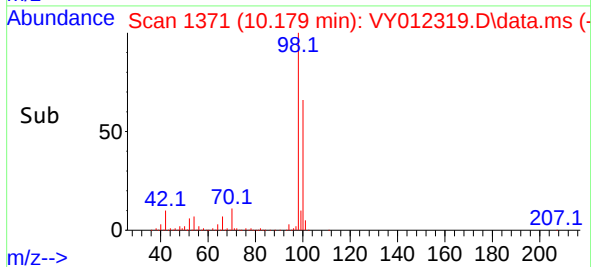
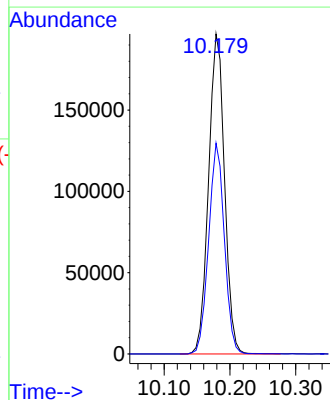
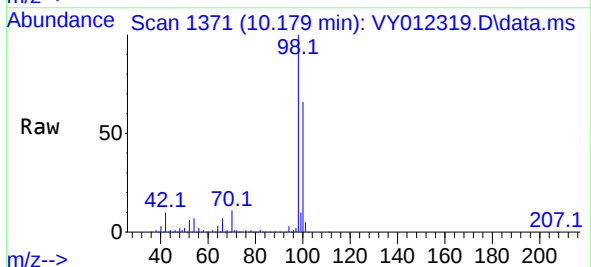
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

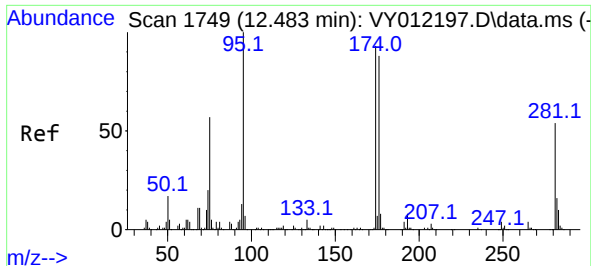
Tgt Ion:113 Resp: 82040
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 21.1 16.0 24.0



#50
Toluene-d8
Concen: 67.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 98 Resp: 332012
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

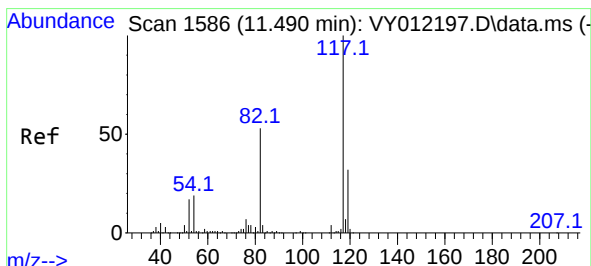
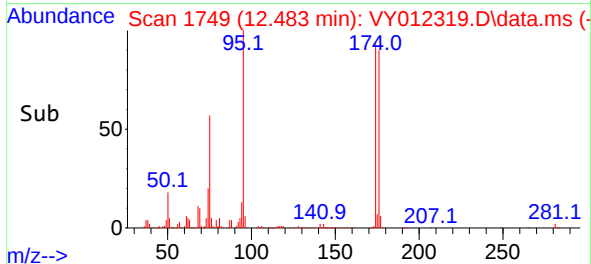
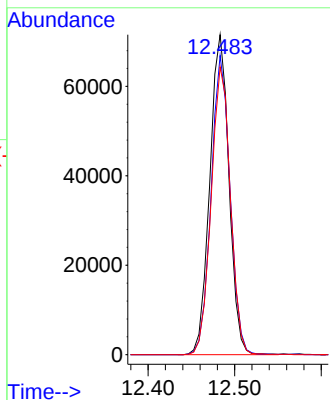
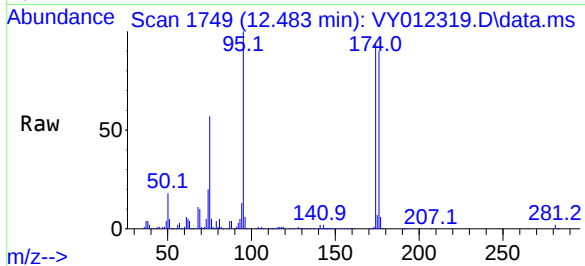




#62
4-Bromofluorobenzene
Concen: 53.523 ug/l
RT: 12.483 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

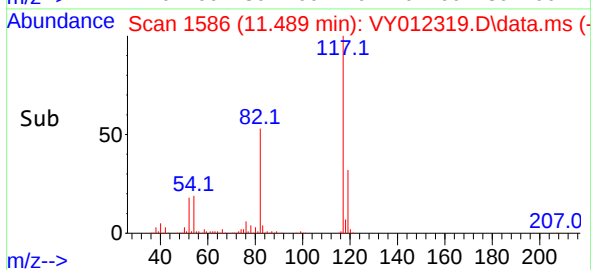
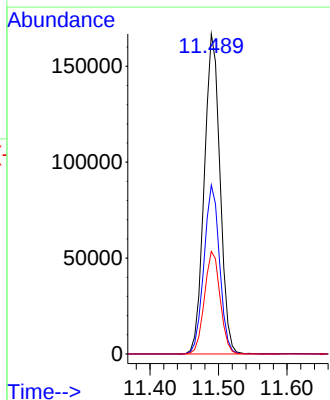
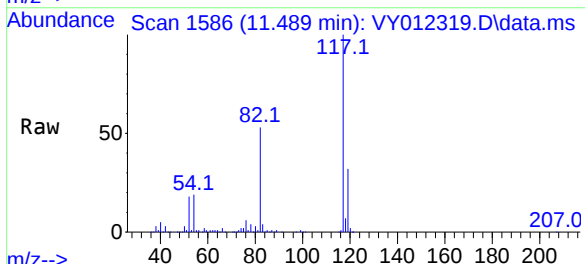
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

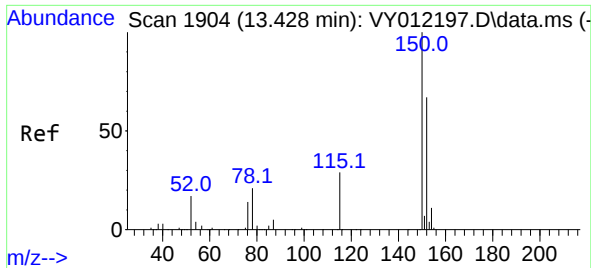
Tgt Ion: 95 Resp: 110140
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 90.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

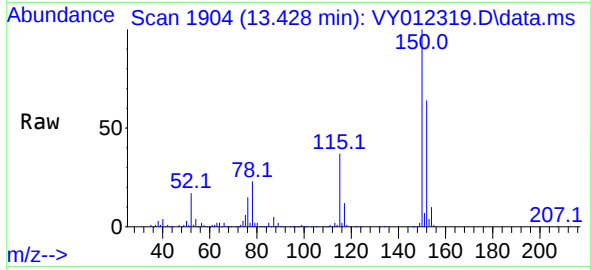
Tgt Ion: 117 Resp: 267517
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012319.D
 Acq: 23 Jan 2023 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2



Tgt Ion:152 Resp: 127003

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.3
150	157.8	0.0	342.6

