

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012582.D
 Acq On : 14 Feb 2023 12:37
 Operator : KP/MD
 Sample : 01539-07
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-52

Quant Time: Feb 15 01:25:24 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)

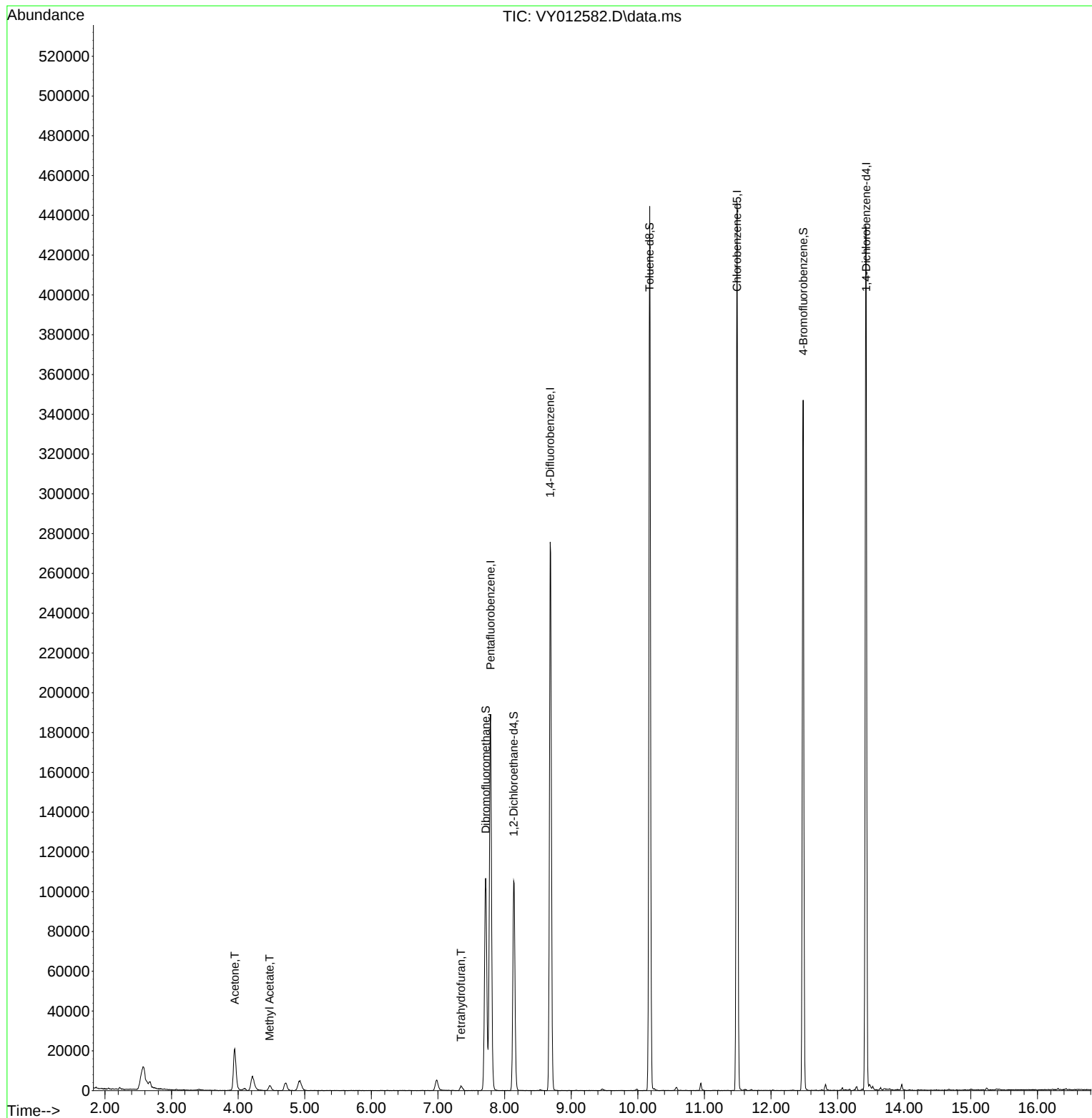
Internal Standards						
1) Pentafluorobenzene	7.789	168	152470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90870	46.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.740%
35) Dibromofluoromethane	7.716	113	73138	39.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.880%
50) Toluene-d8	10.179	98	292993	38.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.880%
62) 4-Bromofluorobenzene	12.483	95	99679	37.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.980%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	37408	80.163	ug/l	98
18) Methyl Acetate	4.472	43	4261	3.799	ug/l	100
29) Tetrahydrofuran	7.344	42	1422	5.080	ug/l #	85

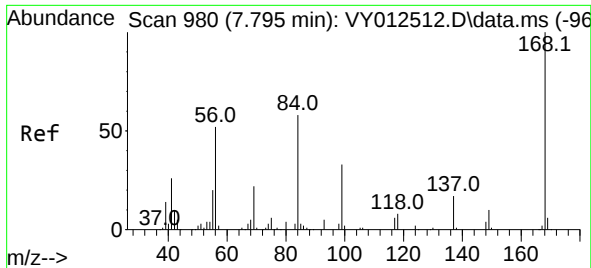
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012582.D
Acq On : 14 Feb 2023 12:37
Operator : KP/MD
Sample : 01539-07
Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-52

Quant Time: Feb 15 01:25:24 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

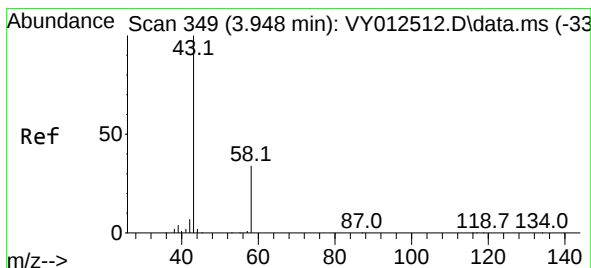
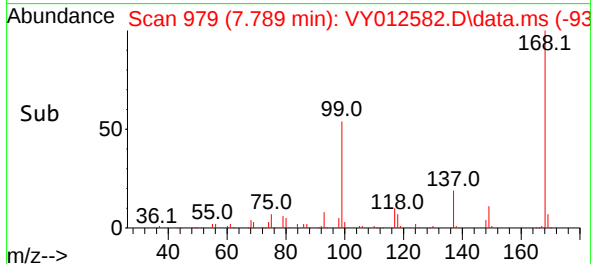
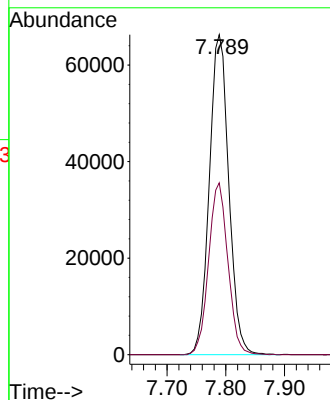
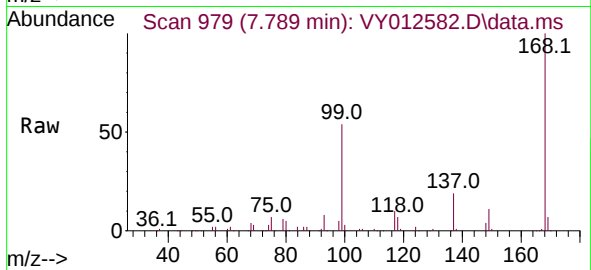




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

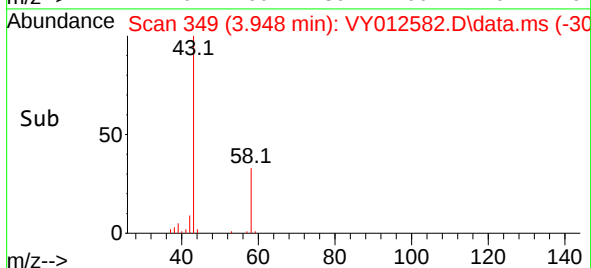
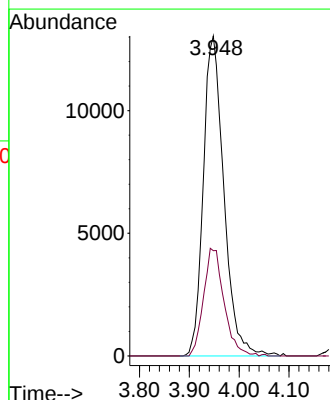
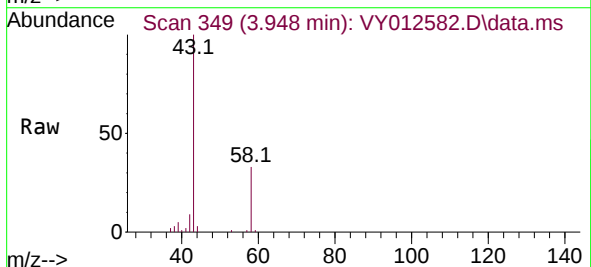
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-52

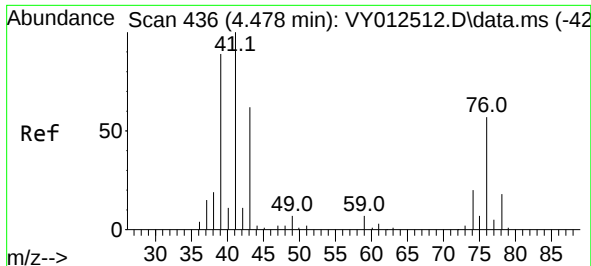
Tgt Ion:168 Resp: 152470
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#16
Acetone
Concen: 80.163 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

Tgt Ion: 43 Resp: 37408
Ion Ratio Lower Upper
43 100
58 32.9 27.1 40.7

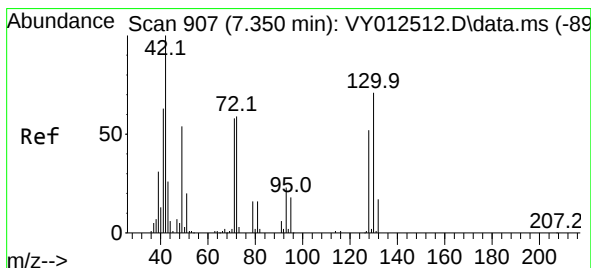
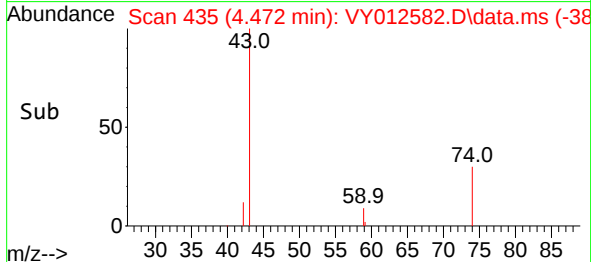
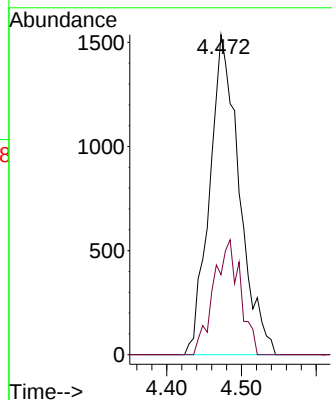
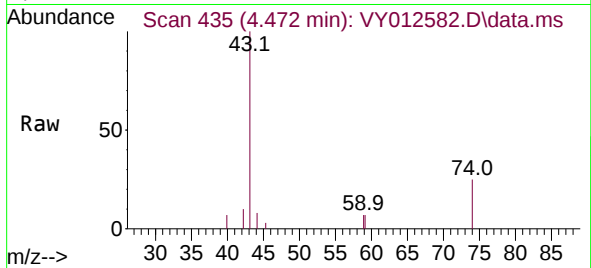




#18
Methyl Acetate
Concen: 3.799 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

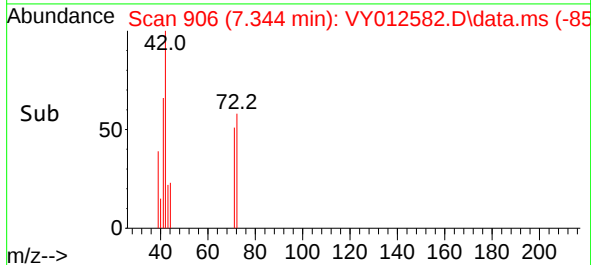
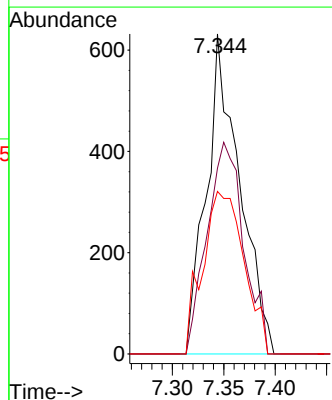
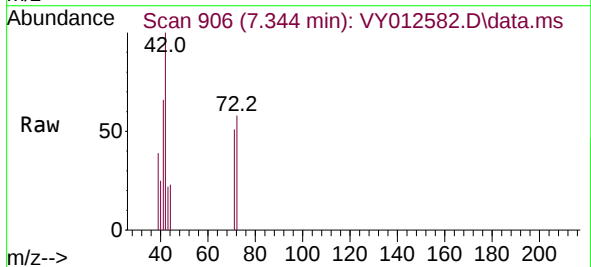
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-52

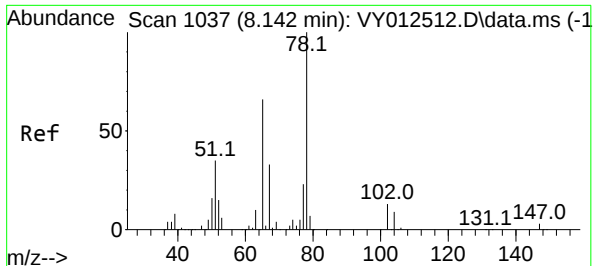
Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
74 32.0 25.6 38.4



#29
Tetrahydrofuran
Concen: 5.080 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

Tgt Ion: 42 Resp: 1422
Ion Ratio Lower Upper
42 100
72 73.2 47.0 70.6#
71 63.1 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 46.868 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012582.D

Acq: 14 Feb 2023 12:37

Instrument :

MSVOA_Y

ClientSampleId :

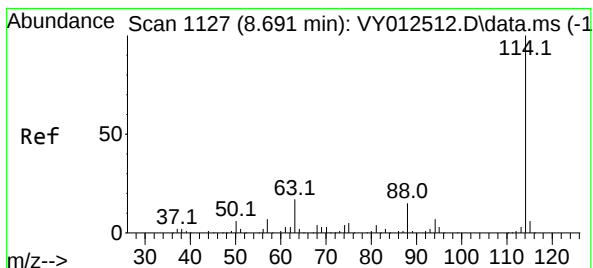
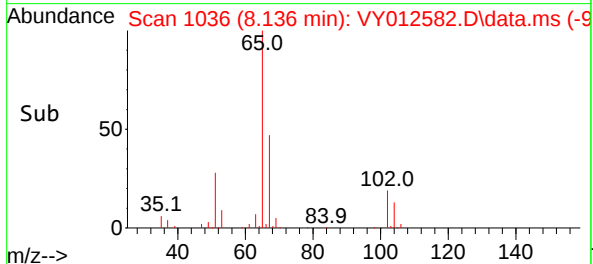
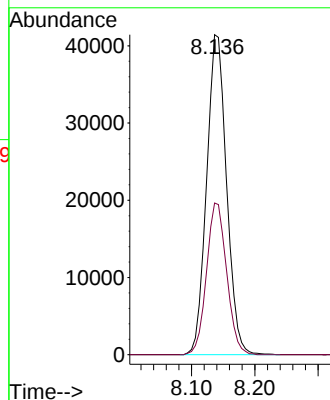
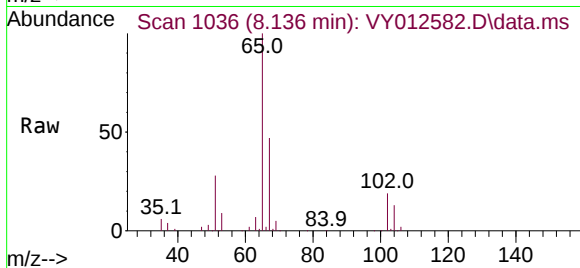
TOT-VOC-GRAB-52

Tgt Ion: 65 Resp: 90870

Ion Ratio Lower Upper

65 100

67 47.8 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: VY012582.D

Acq: 14 Feb 2023 12:37

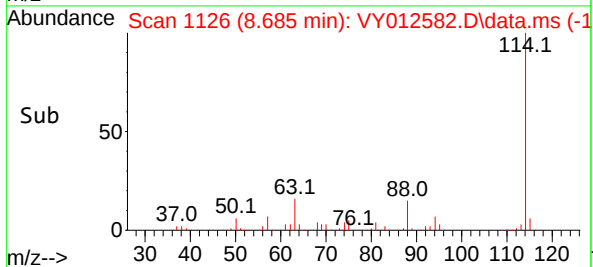
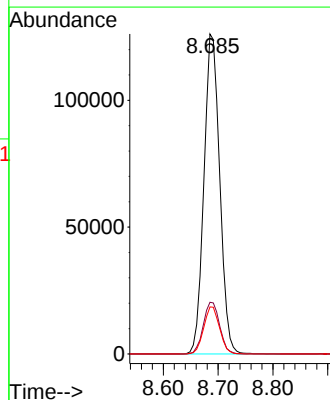
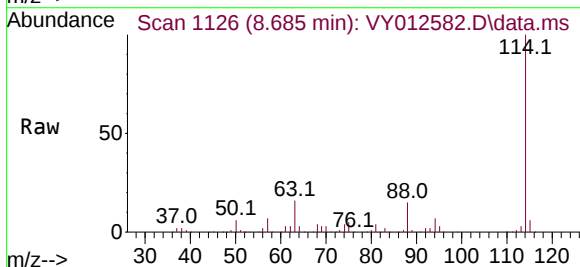
Tgt Ion: 114 Resp: 251459

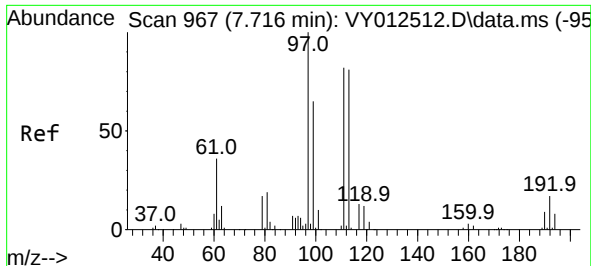
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.6

88 14.7 0.0 29.8

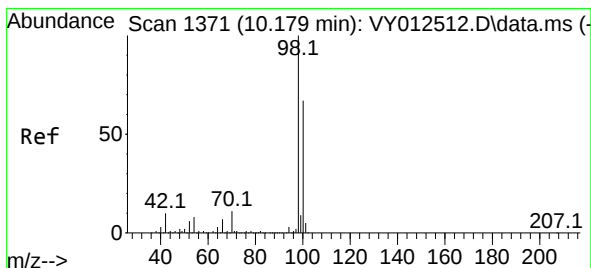
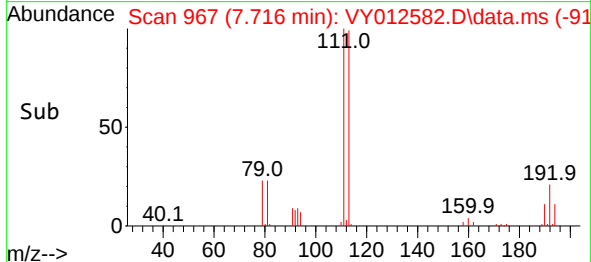
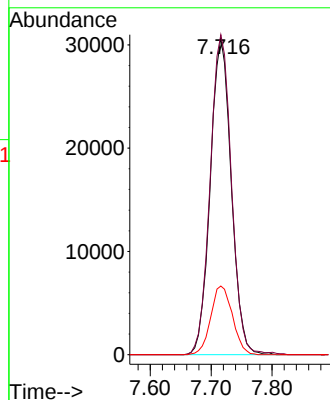
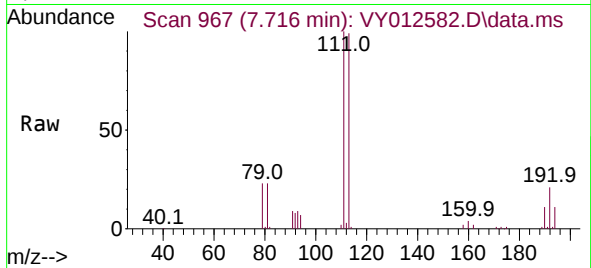




#35
 Dibromofluoromethane
 Concen: 39.938 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VY012582.D
 Acq: 14 Feb 2023 12:37

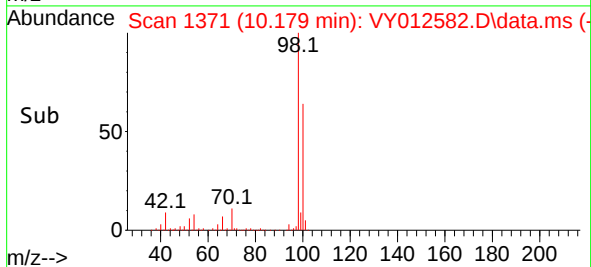
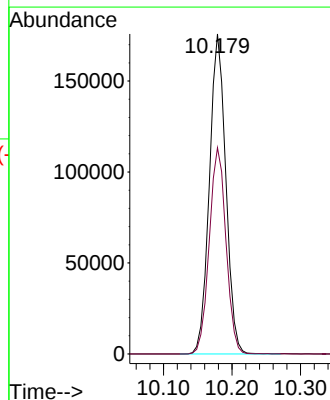
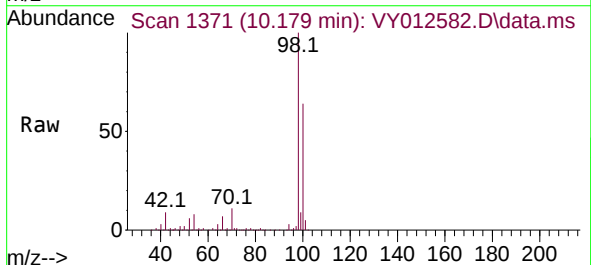
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-52

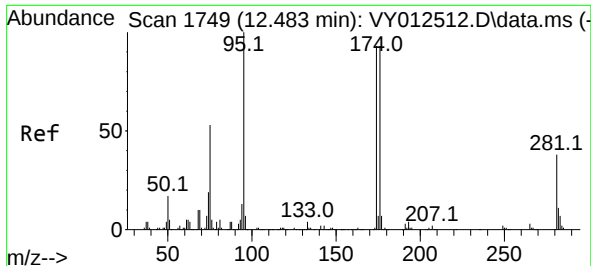
Tgt Ion:113	Resp:	73138
Ion Ratio	Lower	Upper
113	100	
111	103.0	81.9 122.9
192	22.5	17.5 26.3



#50
 Toluene-d8
 Concen: 38.439 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY012582.D
 Acq: 14 Feb 2023 12:37

Tgt Ion: 98	Resp:	292993
Ion Ratio	Lower	Upper
98	100	
100	65.6	52.2 78.2

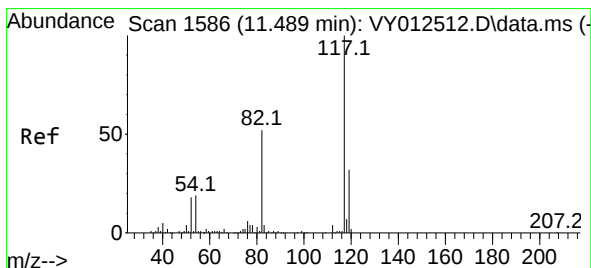
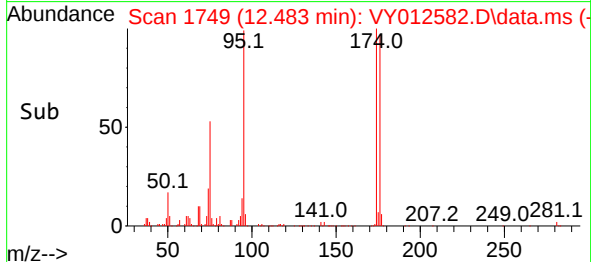
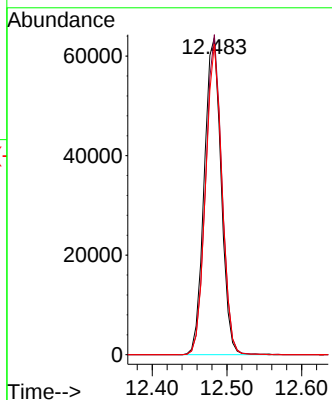
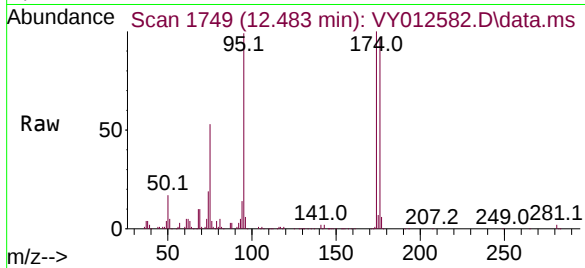




#62
4-Bromofluorobenzene
Concen: 37.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

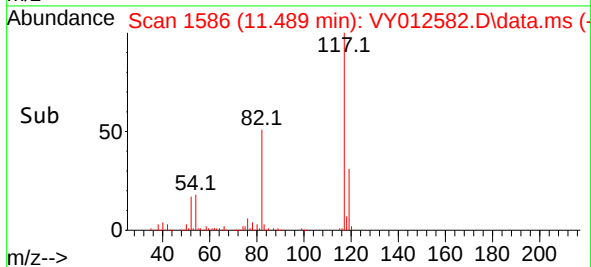
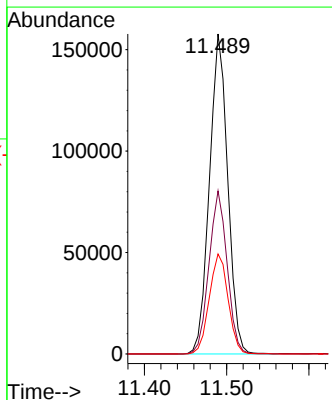
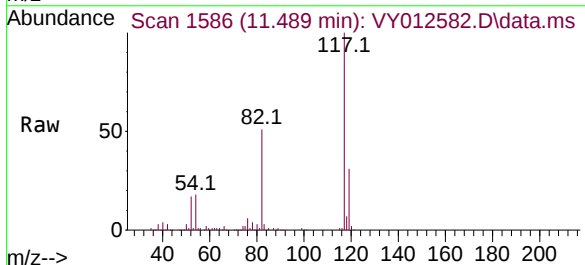
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-52

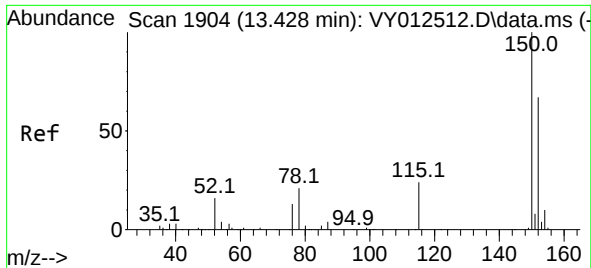
Tgt Ion:	95	Resp:	99679
Ion Ratio	Lower	Upper	
95	100		
174	97.3	0.0	188.0
176	94.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012582.D
Acq: 14 Feb 2023 12:37

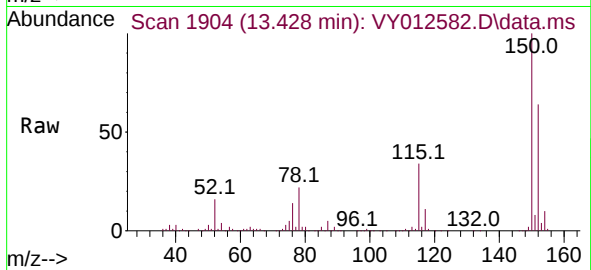
Tgt Ion:	117	Resp:	243354
Ion Ratio	Lower	Upper	
117	100		
82	50.9	41.7	62.5
119	31.3	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012582.D
 Acq: 14 Feb 2023 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-52



Tgt Ion:152 Resp: 120607
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.1 84.3
 150 157.0 0.0 351.0

