

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012544.D
 Acq On : 08 Feb 2023 15:49
 Operator : KP/MD
 Sample : 01462-13
 Misc : 3.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-12

Quant Time: Feb 09 07:14:51 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)

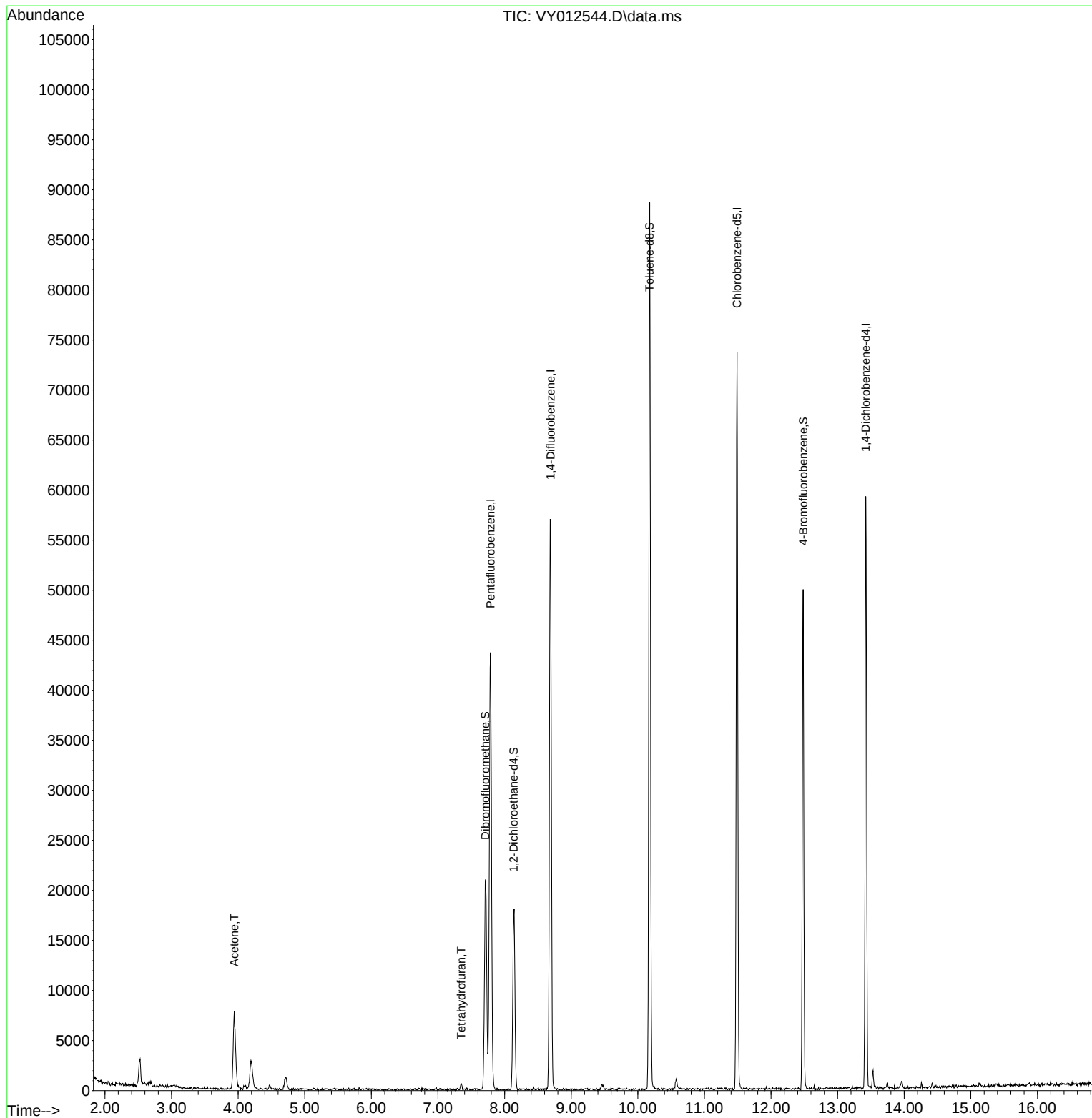
Internal Standards						
1) Pentafluorobenzene	7.789	168	37010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15410	32.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	65.480%		
35) Dibromofluoromethane	7.710	113	14734	37.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.740%		
50) Toluene-d8	10.179	98	61021	37.683	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.360%		
62) 4-Bromofluorobenzene	12.483	95	14853	26.296	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	52.600%		
Target Compounds						
16) Acetone	3.942	43	12874	113.655	ug/l	96
29) Tetrahydrofuran	7.350	42	295	4.342	ug/l #	77

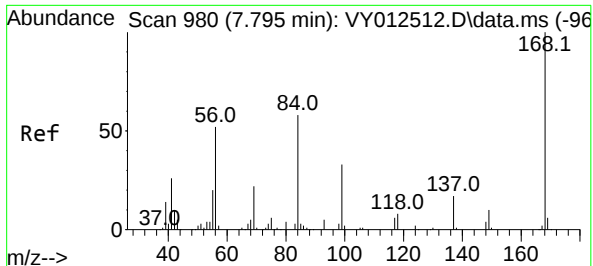
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012544.D
Acq On : 08 Feb 2023 15:49
Operator : KP/MD
Sample : 01462-13
Misc : 3.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-12

Quant Time: Feb 09 07:14:51 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

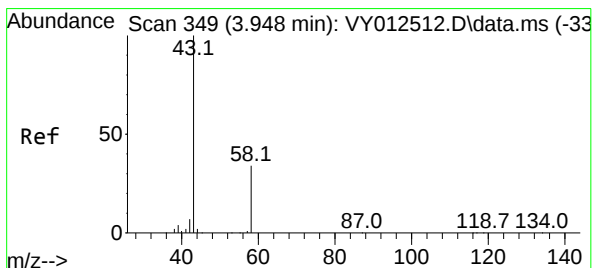
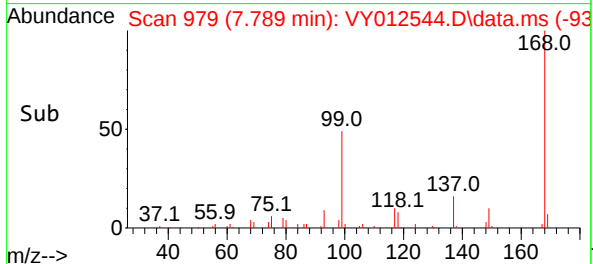
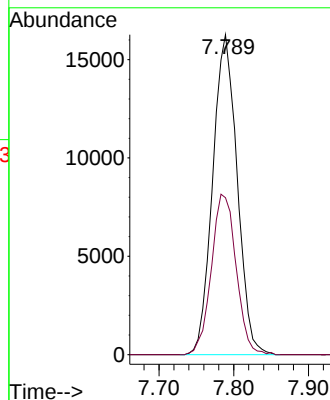
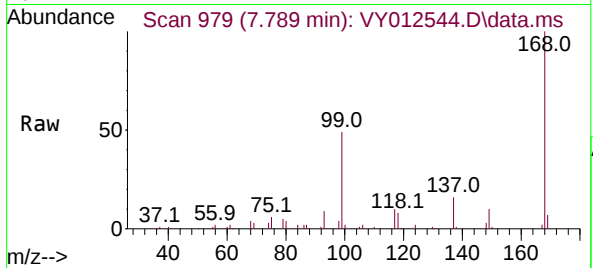




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

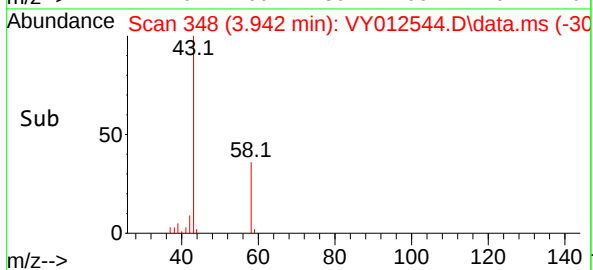
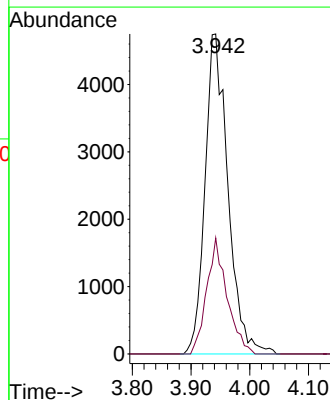
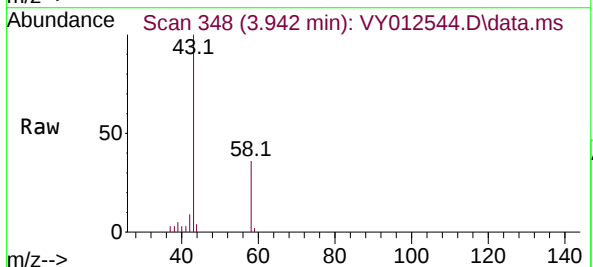
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-12

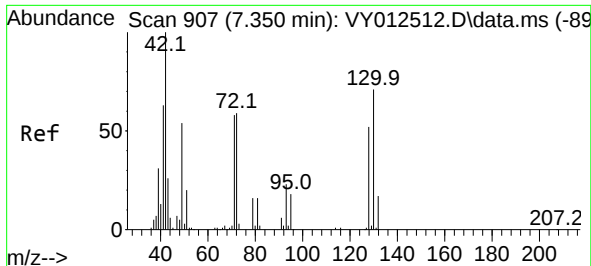
Tgt Ion:168 Resp: 37010
Ion Ratio Lower Upper
168 100
99 49.0 40.8 61.2



#16
Acetone
Concen: 113.655 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

Tgt Ion: 43 Resp: 12874
Ion Ratio Lower Upper
43 100
58 36.3 27.1 40.7





#29

Tetrahydrofuran

Concen: 4.342 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012544.D

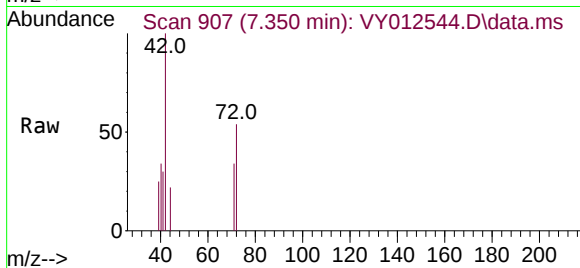
Acq: 08 Feb 2023 15:49

Instrument :

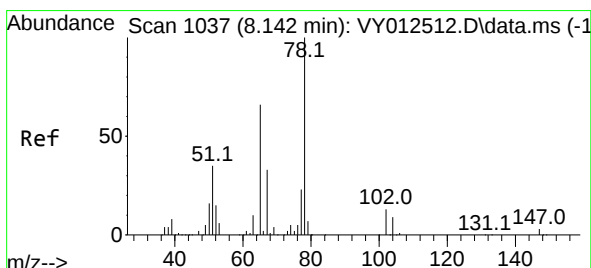
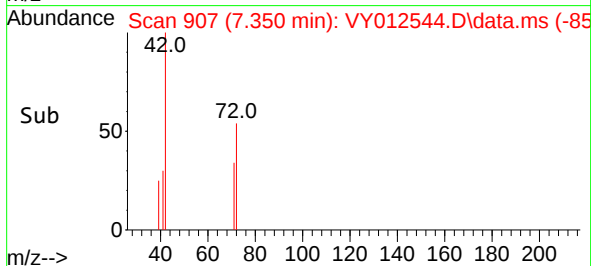
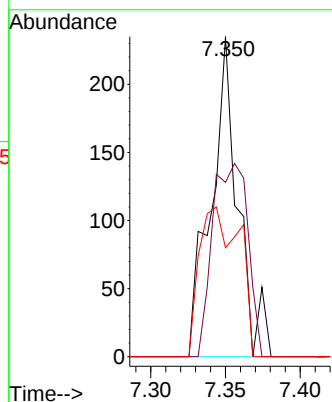
MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-12



Tgt Ion:	42	Resp:	295
Ion	Ratio	Lower	Upper
42	100		
72	79.0	47.0	70.6#
71	68.8	44.6	66.8#



#33

1,2-Dichloroethane-d4

Concen: 32.744 ug/l

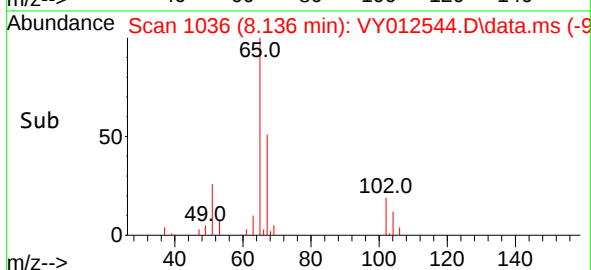
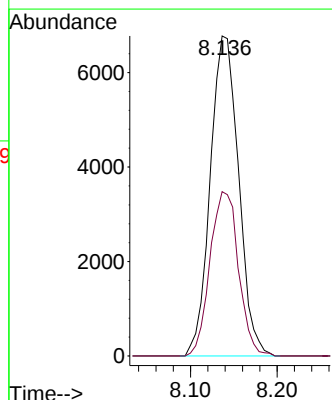
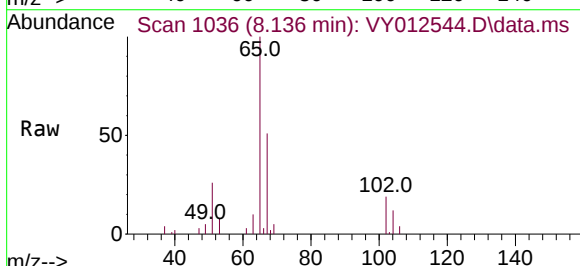
RT: 8.136 min Scan# 1036

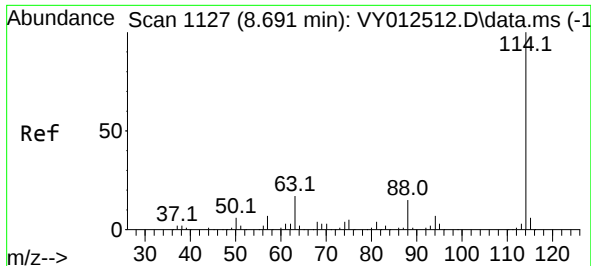
Delta R.T. -0.006 min

Lab File: VY012544.D

Acq: 08 Feb 2023 15:49

Tgt Ion:	65	Resp:	15410
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	98.6

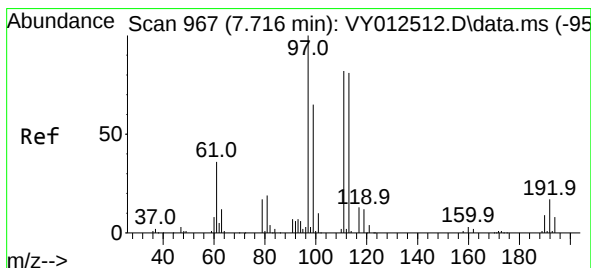
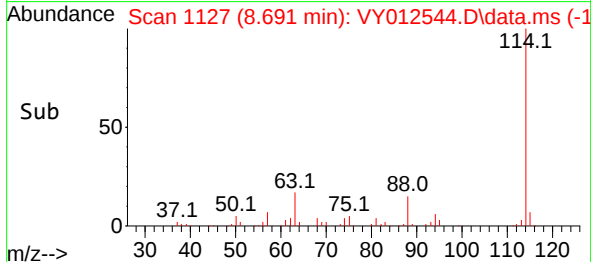
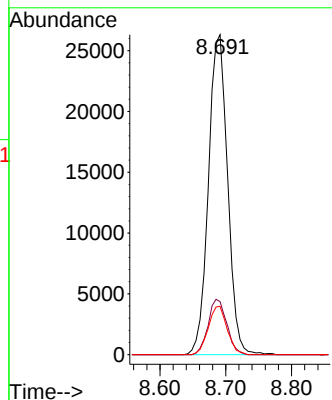
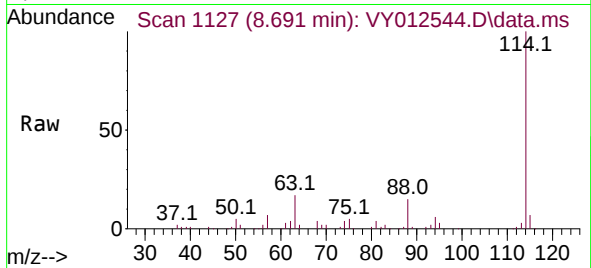




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

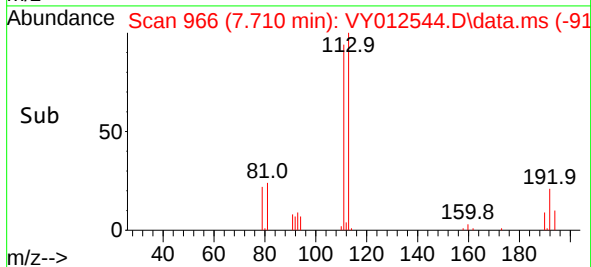
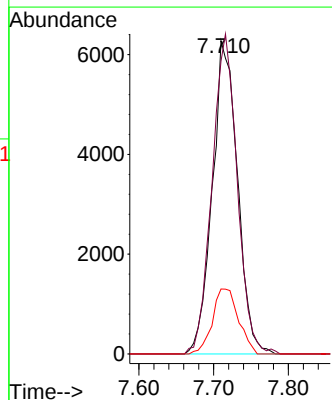
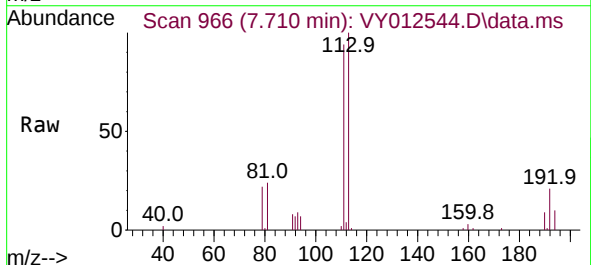
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-12

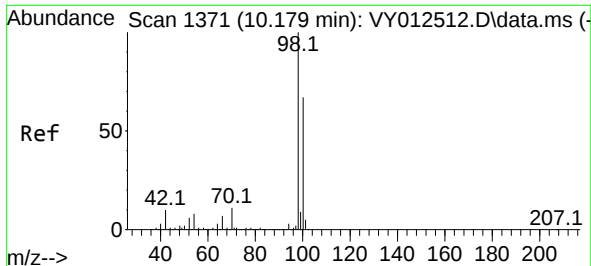
Tgt Ion:	114	Resp:	53422
Ion Ratio	Lower	Upper	
114	100		
63	16.6	0.0	33.6
88	15.1	0.0	29.8



#35
Dibromofluoromethane
Concen: 37.872 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

Tgt Ion:	113	Resp:	14734
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.9	122.9
192	21.5	17.5	26.3

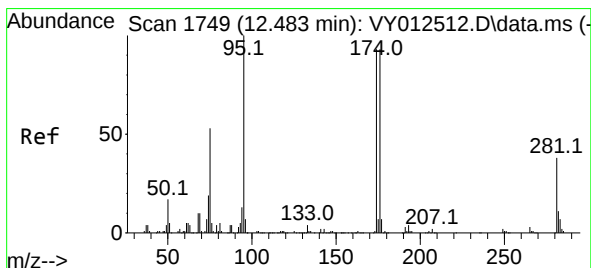
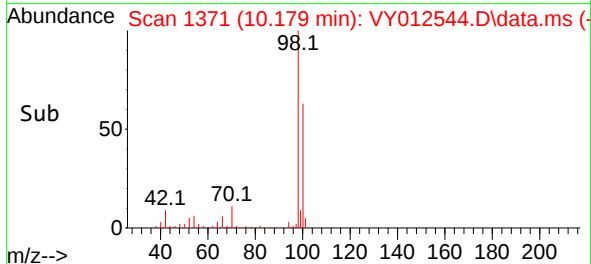
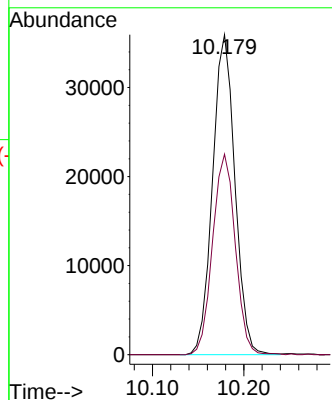
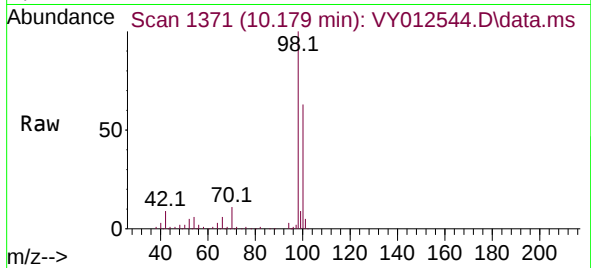




#50
Toluene-d8
Concen: 37.683 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

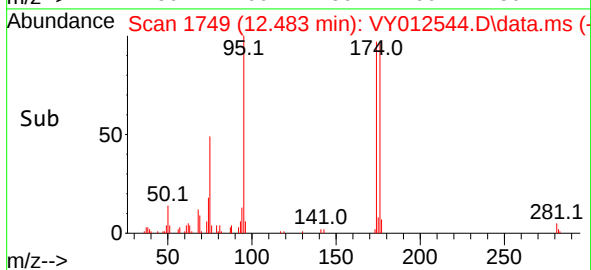
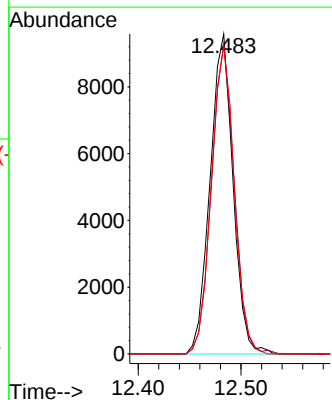
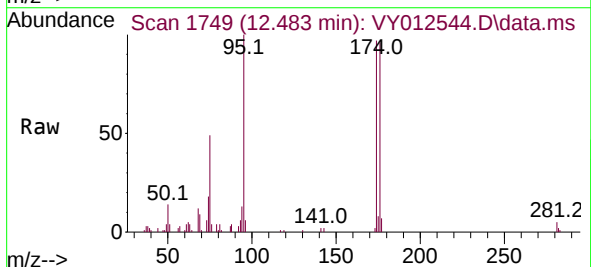
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-12

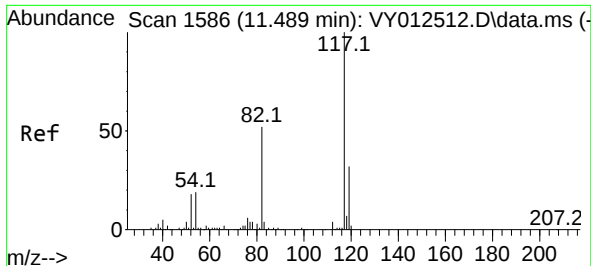
Tgt Ion: 98 Resp: 61021
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 26.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

Tgt Ion: 95 Resp: 14853
Ion Ratio Lower Upper
95 100
174 95.9 0.0 188.0
176 96.0 0.0 183.6

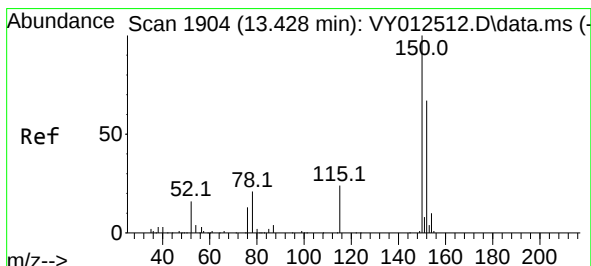
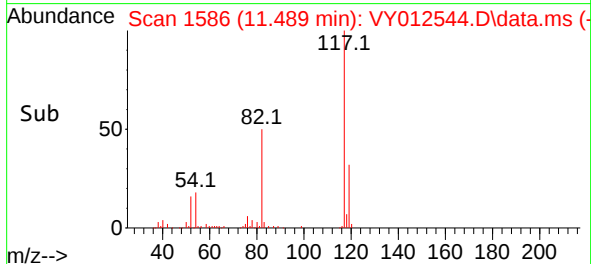
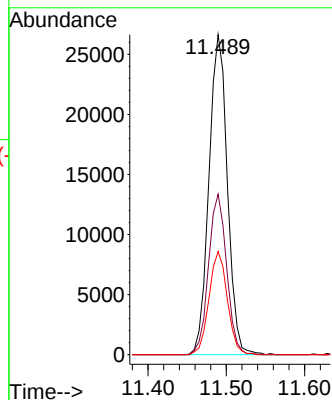
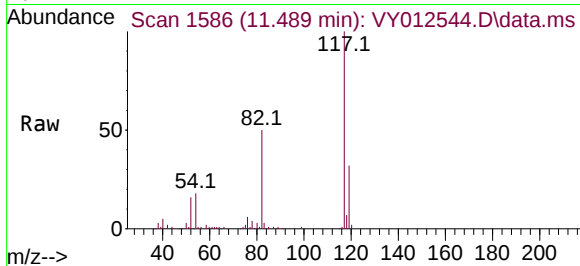




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.7	62.5
119	32.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012544.D
Acq: 08 Feb 2023 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.1	84.3
150	155.9	0.0	351.0

