

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012541.D
 Acq On : 08 Feb 2023 14:39
 Operator : KP/MD
 Sample : 01464-08
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-64

Quant Time: Feb 09 07:14:25 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)

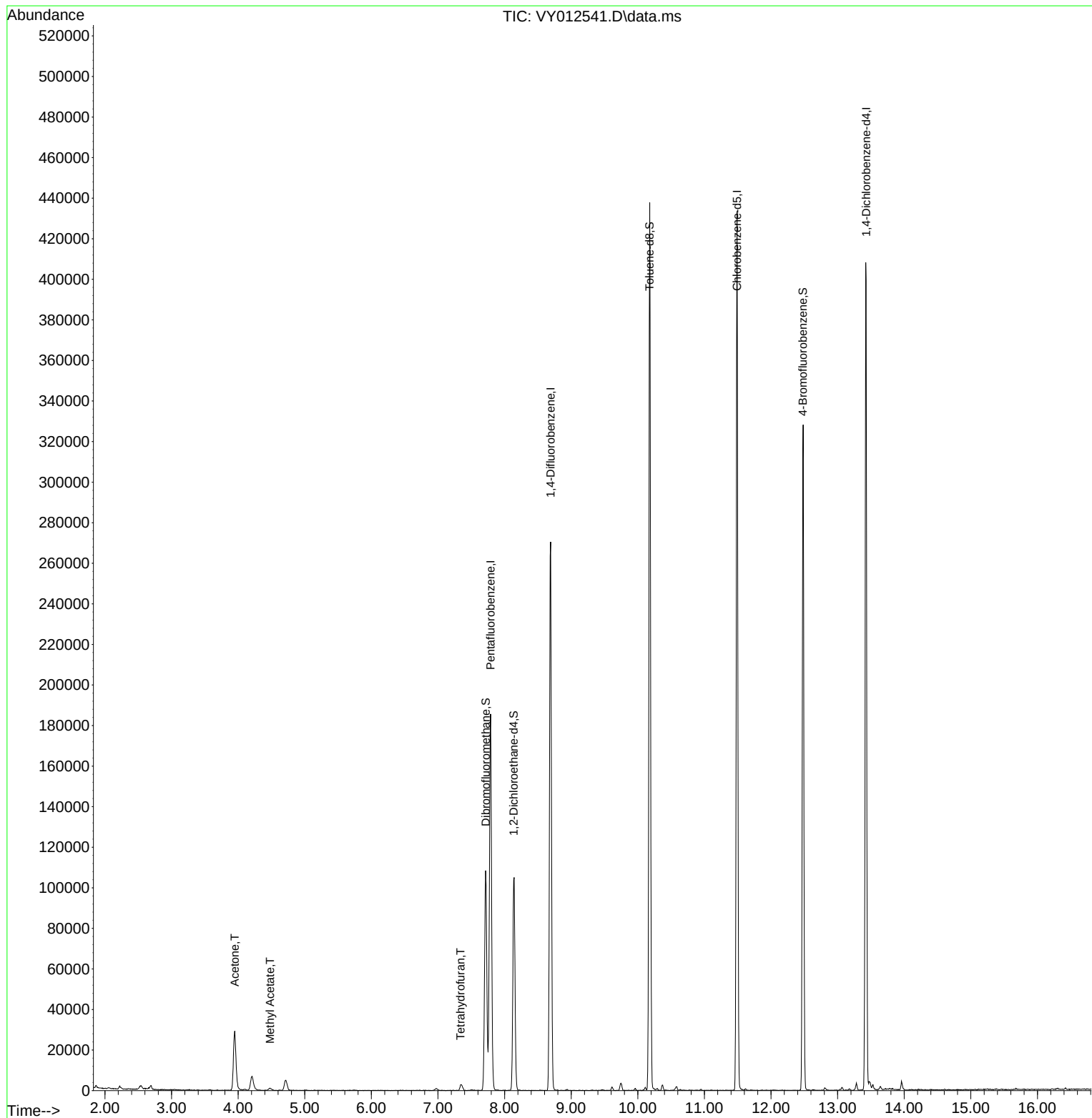
Internal Standards						
1) Pentafluorobenzene	7.789	168	147253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88643	47.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.715	113	73806	40.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.540%
50) Toluene-d8	10.178	98	292479	38.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.640%
62) 4-Bromofluorobenzene	12.477	95	97313	37.025	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.060%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	49946	110.823	ug/l	96
18) Methyl Acetate	4.478	43	2024	1.868	ug/l	92
29) Tetrahydrofuran	7.337	42	2300	8.508	ug/l	97

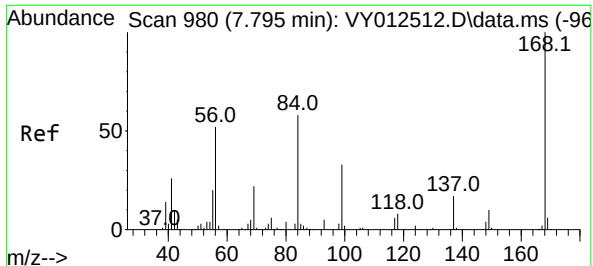
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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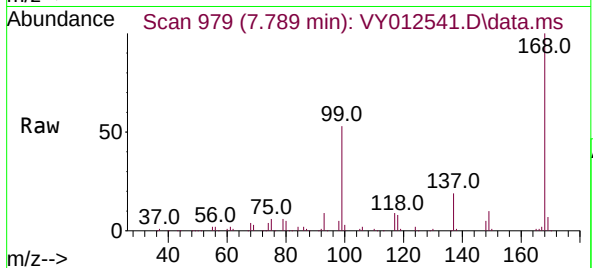
Quant Time: Feb 09 07:14:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
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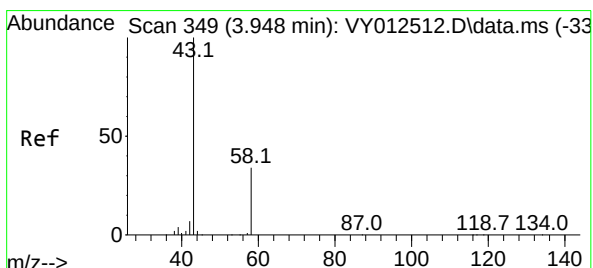
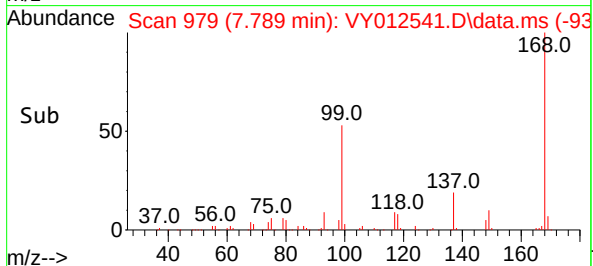
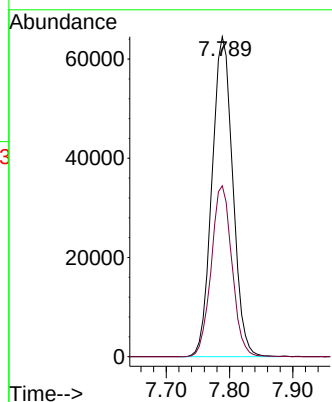


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-64

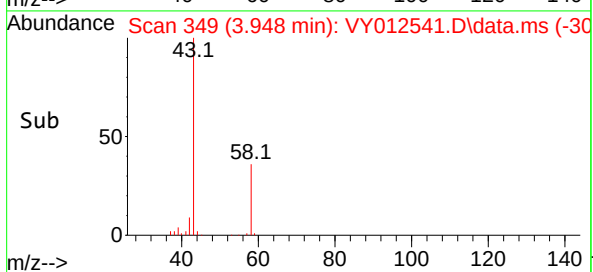
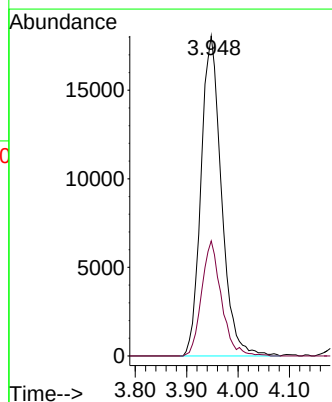
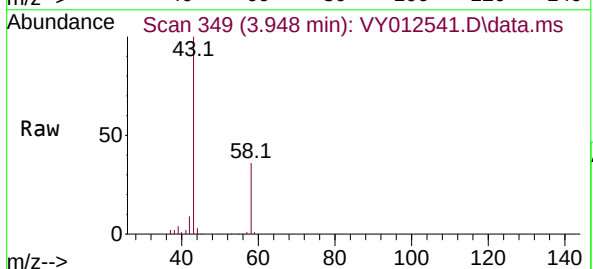


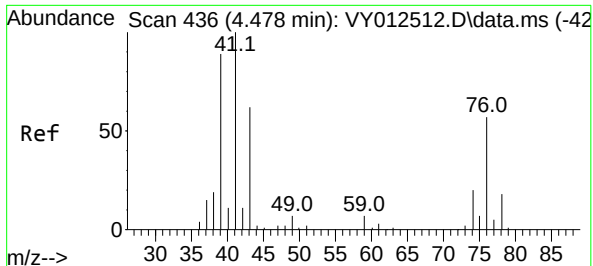
Tgt Ion:168 Resp: 147253
Ion Ratio Lower Upper
168 100
99 53.4 40.8 61.2



#16
Acetone
Concen: 110.823 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

Tgt Ion: 43 Resp: 49946
Ion Ratio Lower Upper
43 100
58 35.9 27.1 40.7

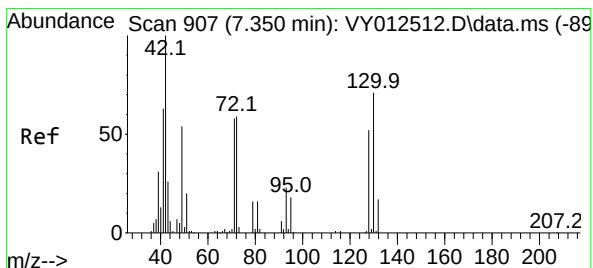
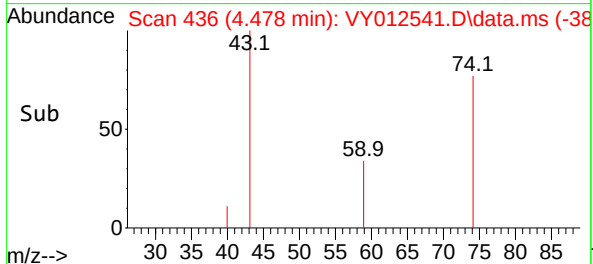
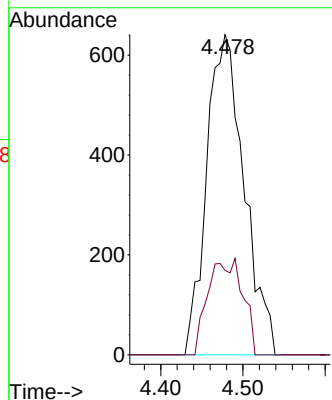
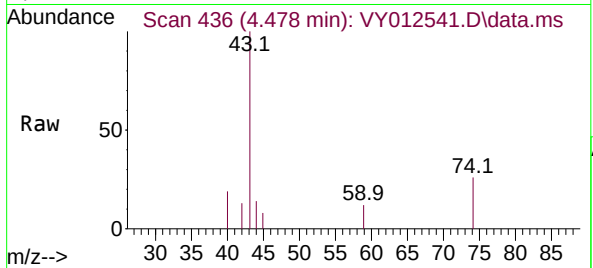




#18
Methyl Acetate
Concen: 1.868 ug/l
RT: 4.478 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

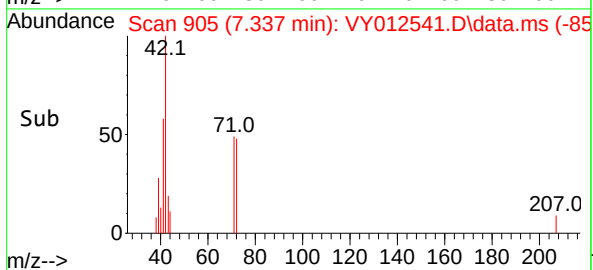
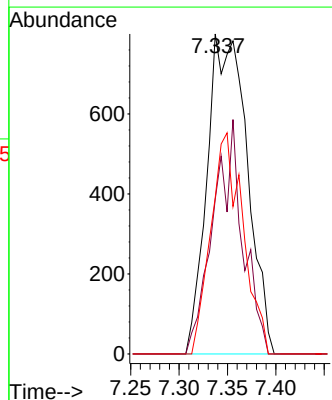
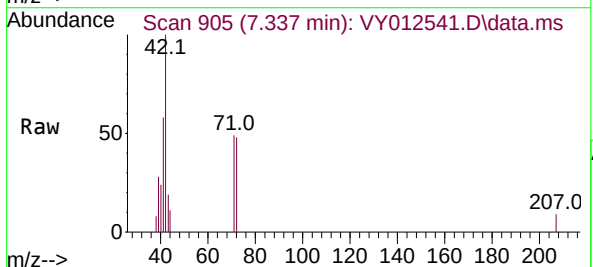
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-64

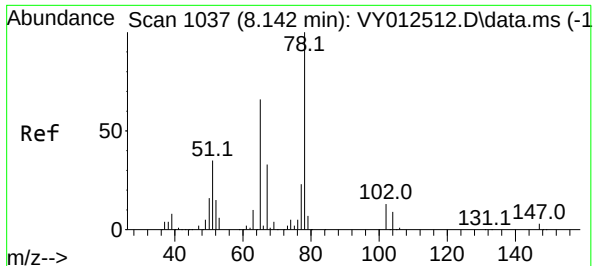
Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
74 27.8 25.6 38.4



#29
Tetrahydrofuran
Concen: 8.508 ug/l
RT: 7.337 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

Tgt Ion: 42 Resp: 2300
Ion Ratio Lower Upper
42 100
72 54.0 47.0 70.6
71 55.5 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 47.339 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012541.D

Acq: 08 Feb 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

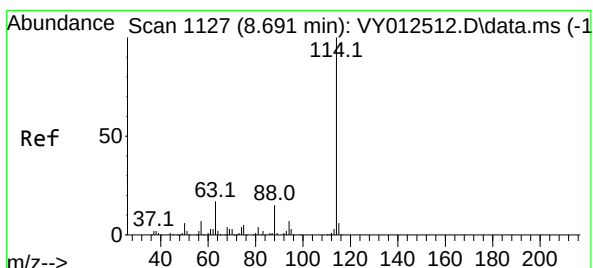
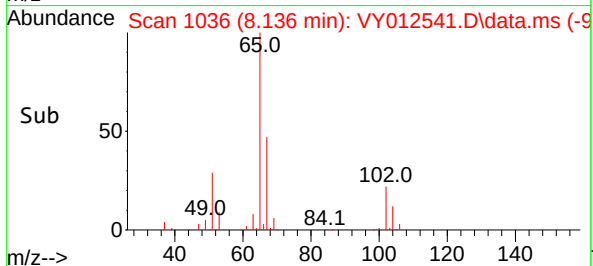
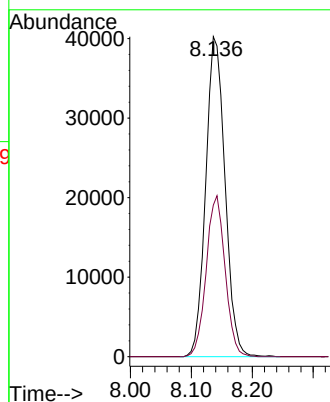
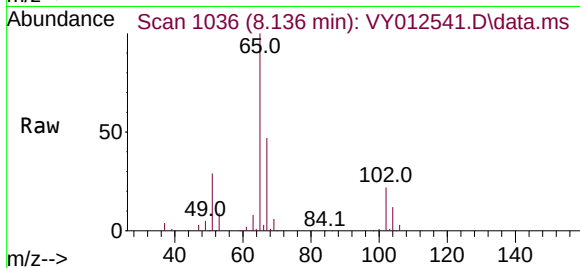
TOT-VOC-GRAB-64

Tgt Ion: 65 Resp: 88643

Ion Ratio Lower Upper

65 100

67 49.2 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: VY012541.D

Acq: 08 Feb 2023 14:39

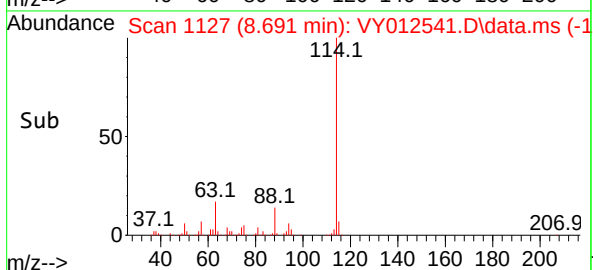
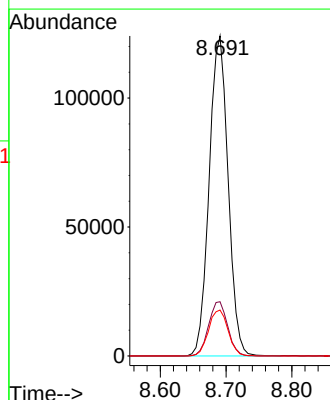
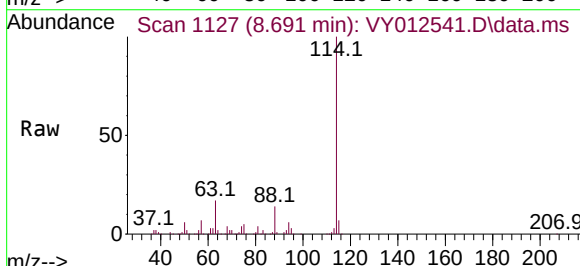
Tgt Ion: 114 Resp: 248585

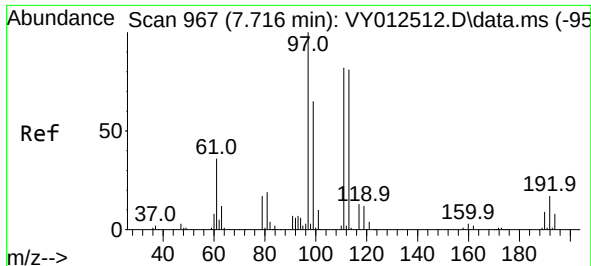
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

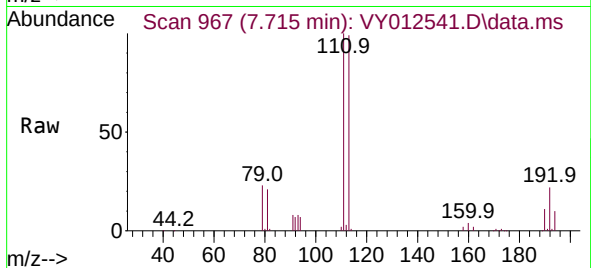
88 14.4 0.0 29.8



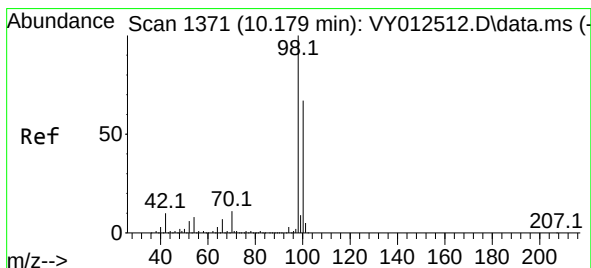
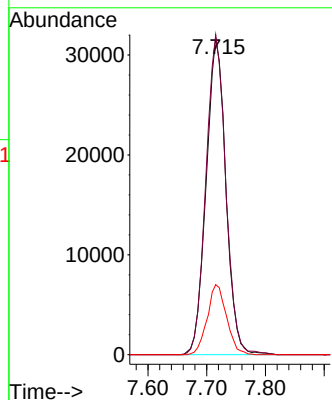
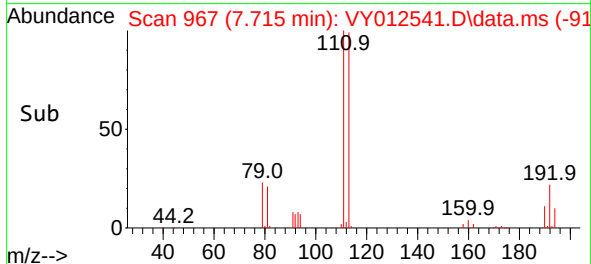


#35
Dibromofluoromethane
Concen: 40.769 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-64

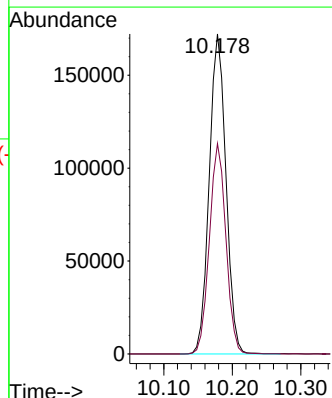
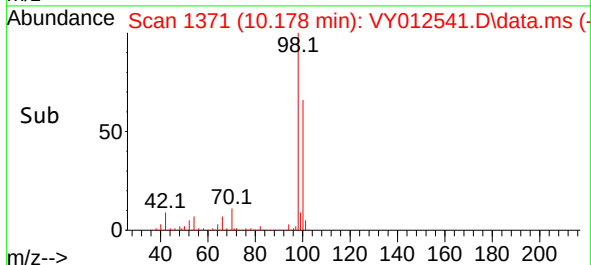
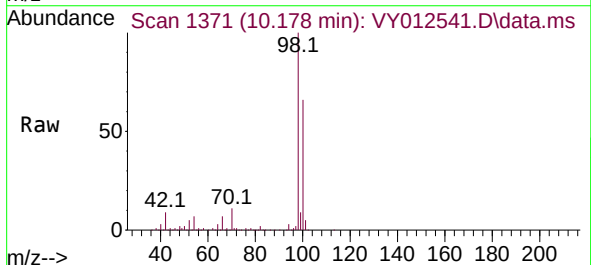


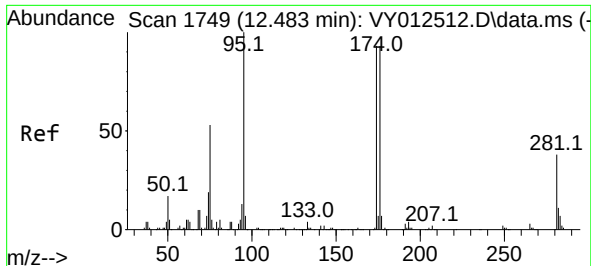
Tgt Ion:113 Resp: 73806
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.7 17.5 26.3



#50
Toluene-d8
Concen: 38.815 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

Tgt Ion: 98 Resp: 292479
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

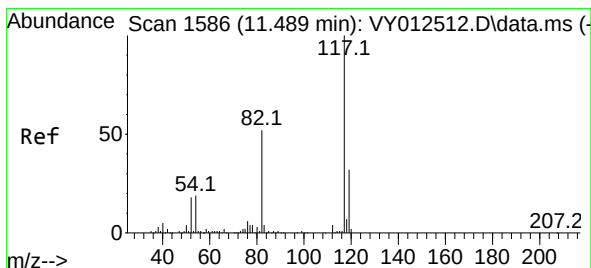
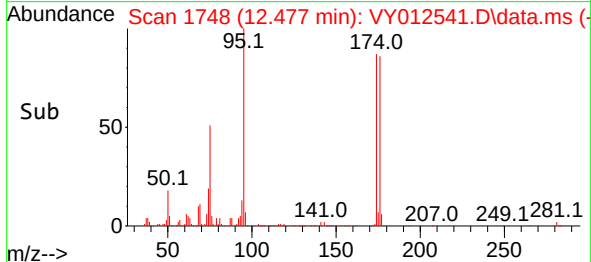
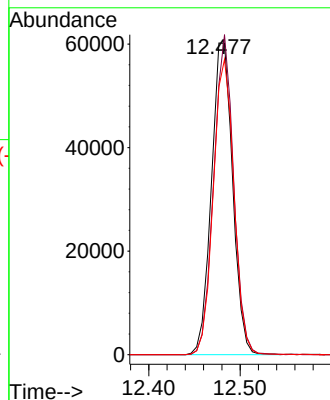
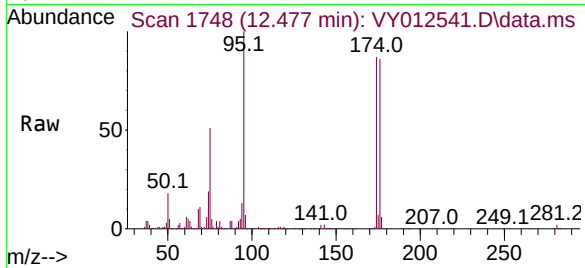




#62
4-Bromofluorobenzene
Concen: 37.025 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

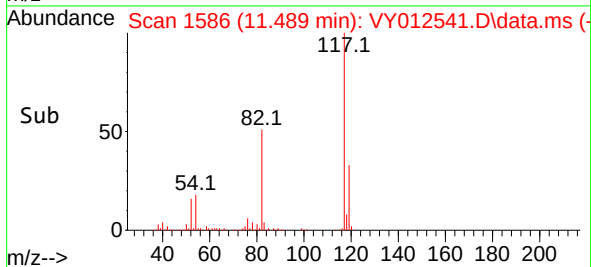
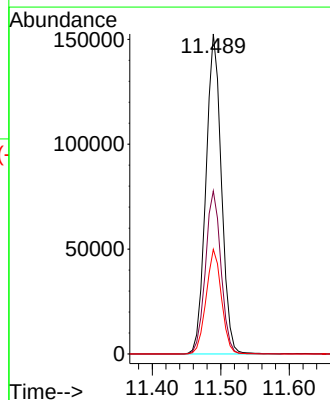
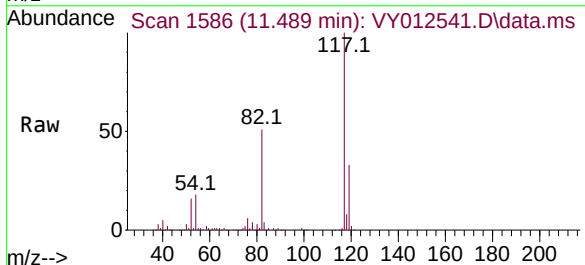
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-64

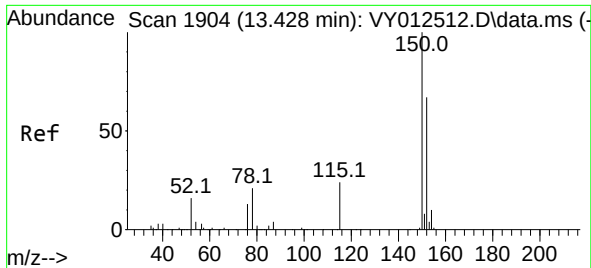
Tgt Ion: 95 Resp: 97313
Ion Ratio Lower Upper
95 100
174 96.0 0.0 188.0
176 92.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012541.D
Acq: 08 Feb 2023 14:39

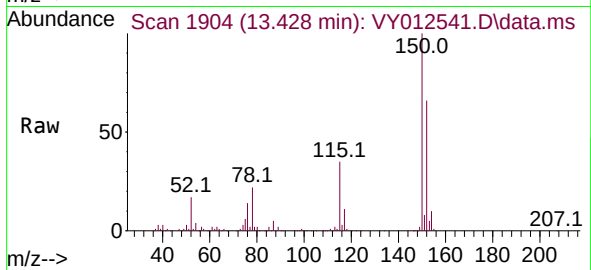
Tgt Ion: 117 Resp: 240016
Ion Ratio Lower Upper
117 100
82 50.9 41.7 62.5
119 32.7 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012541.D
 Acq: 08 Feb 2023 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-64



Tgt Ion:152 Resp: 113357
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.3
 150 155.9 0.0 351.0

