

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012540.D
 Acq On : 08 Feb 2023 14:15
 Operator : KP/MD
 Sample : 01464-07
 Misc : 3.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-60

Quant Time: Feb 09 07:14:13 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)

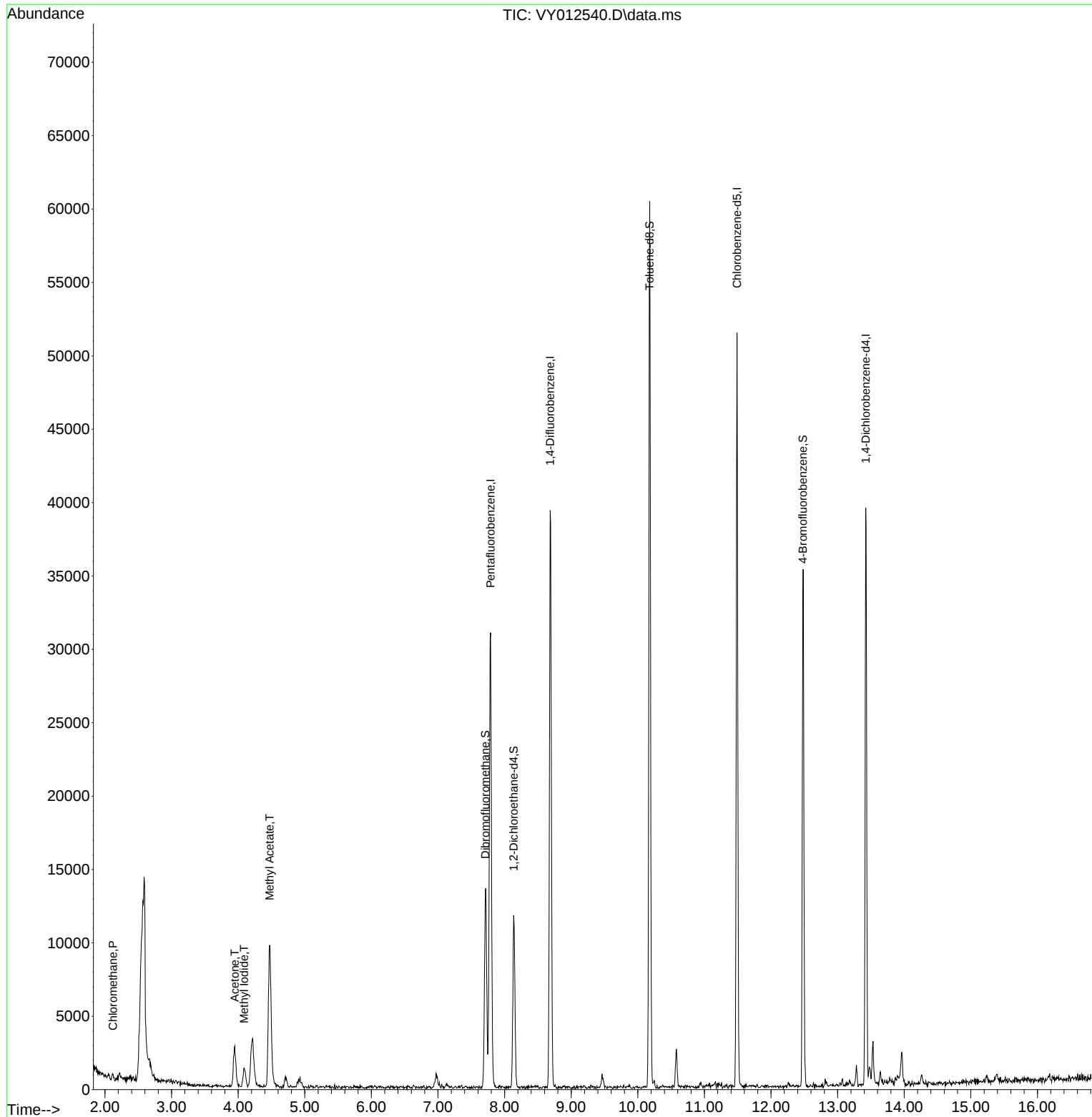
Internal Standards						
1) Pentafluorobenzene	7.789	168	25619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	36077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	9847	30.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.460%
35) Dibromofluoromethane	7.710	113	9425	35.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.740%
50) Toluene-d8	10.179	98	41714	38.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.280%
62) 4-Bromofluorobenzene	12.477	95	9937	26.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	359	1.799	ug/l #	86
10) Methyl Iodide	4.088	142	2001	5.980	ug/l	96
16) Acetone	3.948	43	4811	61.357	ug/l	90
18) Methyl Acetate	4.473	43	17914	95.053	ug/l	98

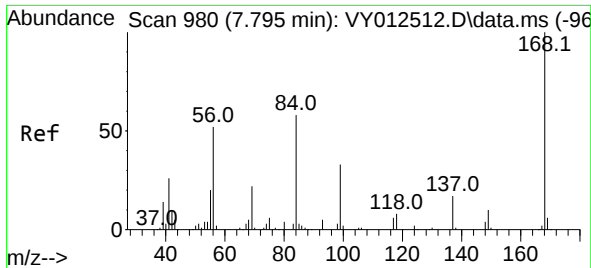
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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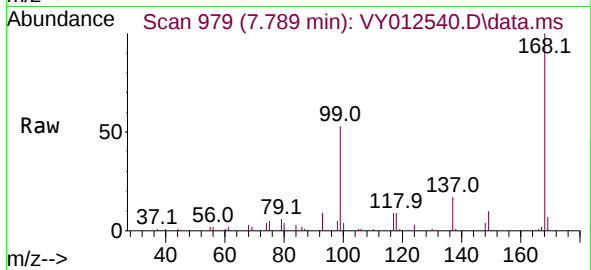
Quant Time: Feb 09 07:14:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
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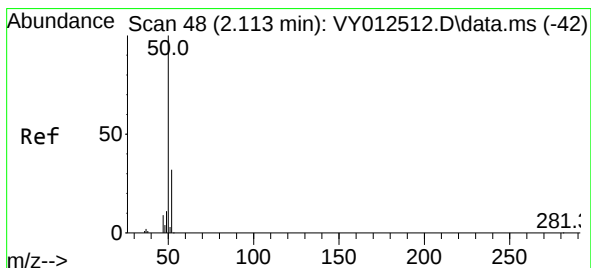
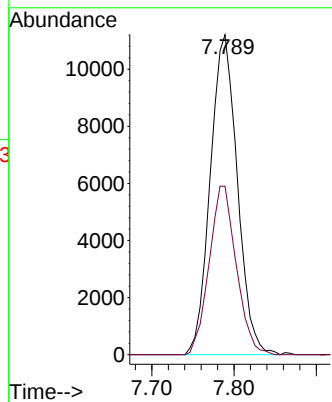
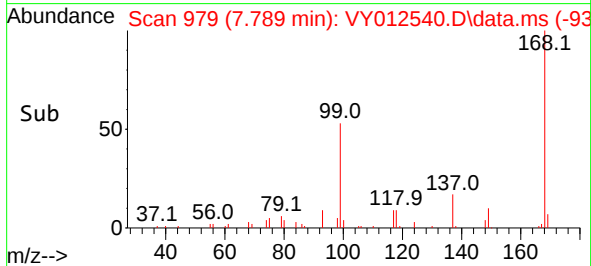


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-60

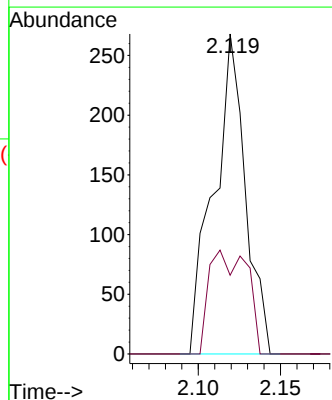
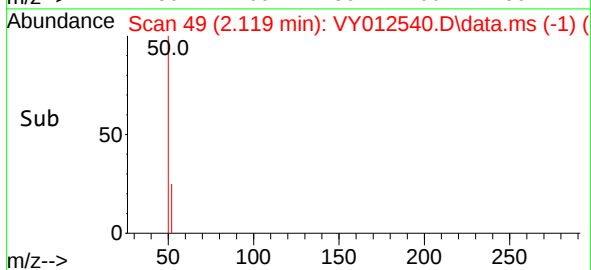
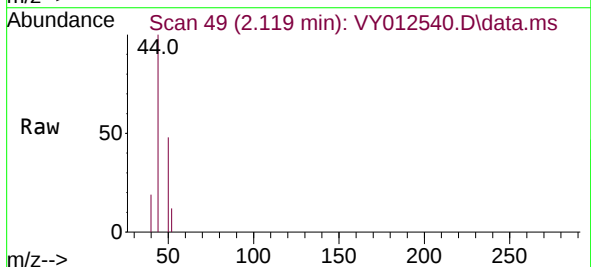


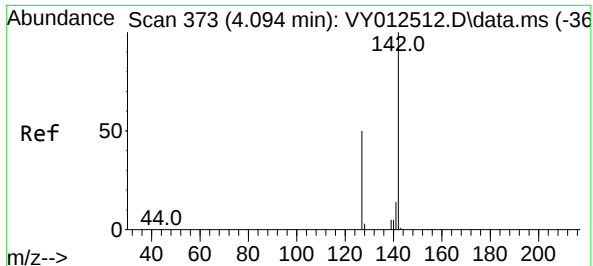
Tgt Ion:168 Resp: 25619
Ion Ratio Lower Upper
168 100
99 52.7 40.8 61.2



#3
Chloromethane
Concen: 1.799 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 24.6 25.8 38.6#

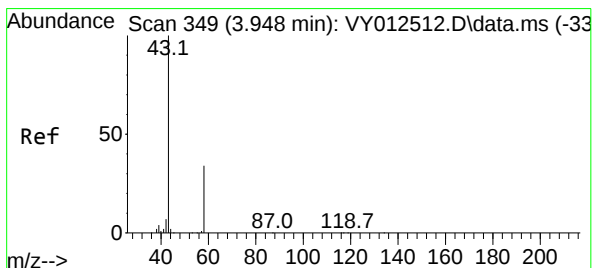
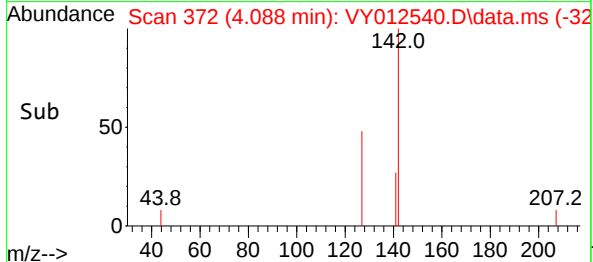
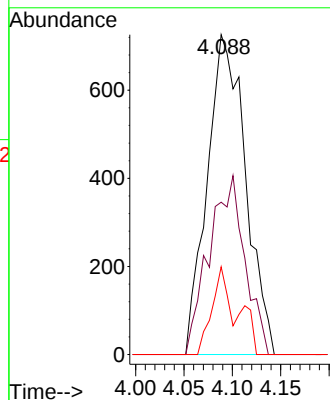
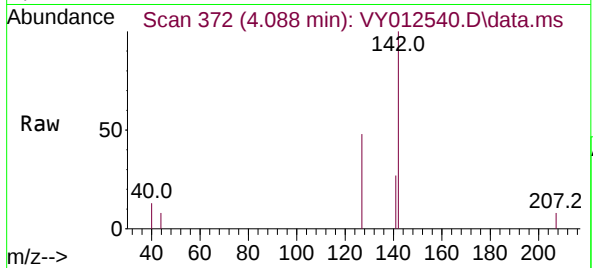




#10
Methyl Iodide
Concen: 5.980 ug/l
RT: 4.088 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

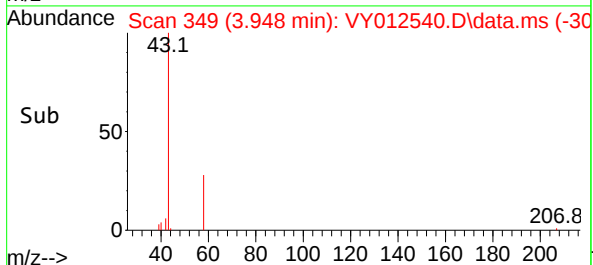
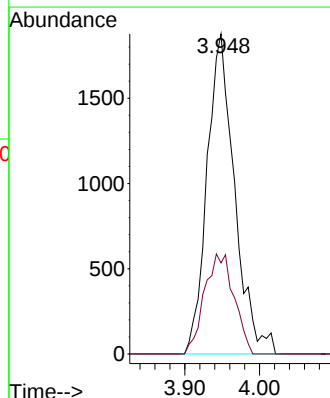
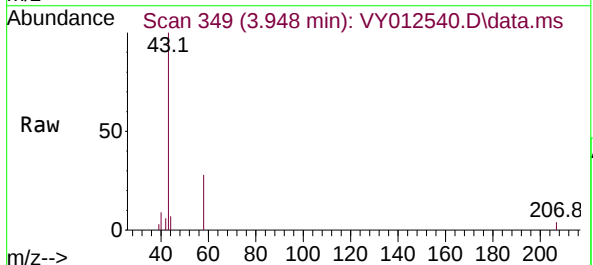
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-60

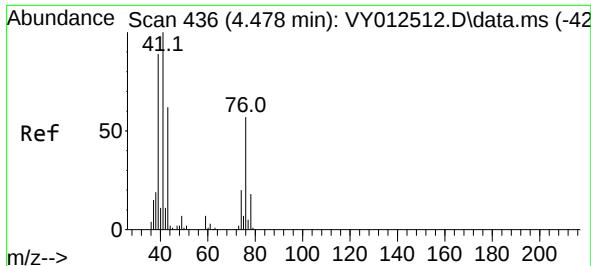
Tgt Ion:142	Resp:	2001
Ion	Ratio	Lower Upper
142	100	
127	52.2	39.8 59.6
141	12.1	11.6 17.4



#16
Acetone
Concen: 61.357 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

Tgt Ion: 43	Resp:	4811
Ion	Ratio	Lower Upper
43	100	
58	28.4	27.1 40.7





#18

Methyl Acetate

Concen: 95.053 ug/l

RT: 4.473 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY012540.D

Acq: 08 Feb 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

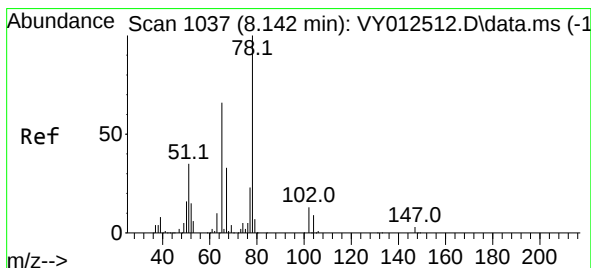
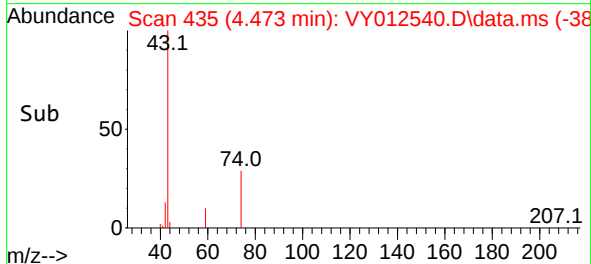
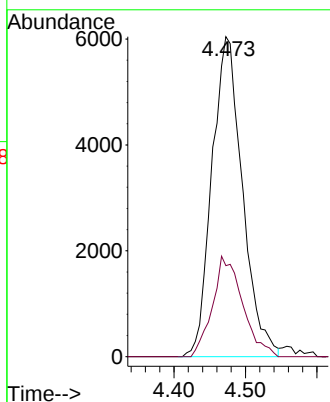
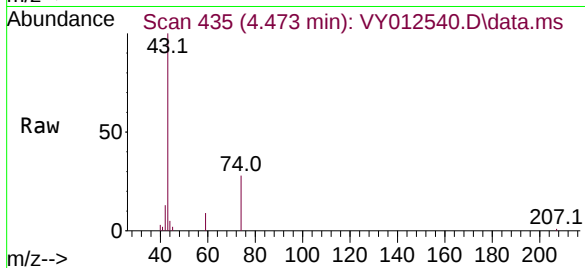
TOT-VOC-GRAB-60

Tgt Ion: 43 Resp: 17914

Ion Ratio Lower Upper

43 100

74 30.9 25.6 38.4



#33

1,2-Dichloroethane-d4

Concen: 30.226 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012540.D

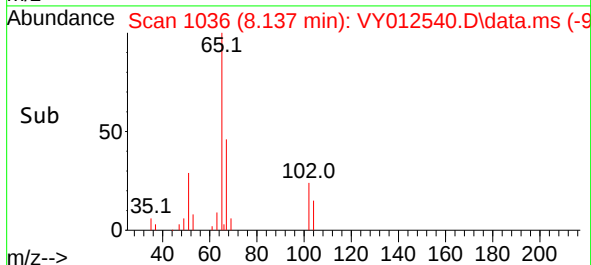
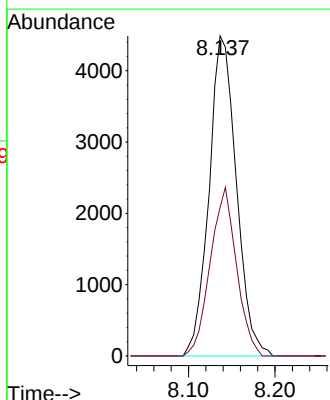
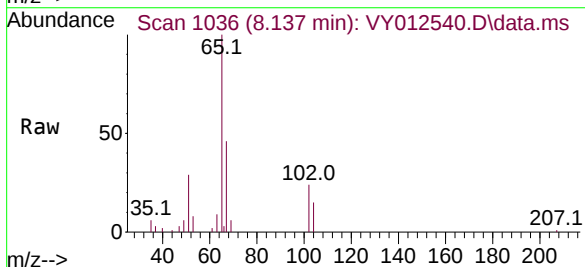
Acq: 08 Feb 2023 14:15

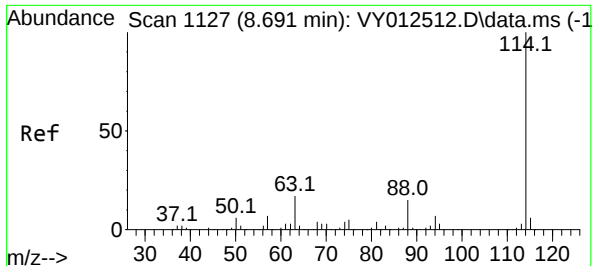
Tgt Ion: 65 Resp: 9847

Ion Ratio Lower Upper

65 100

67 50.5 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: VY012540.D

Acq: 08 Feb 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-60

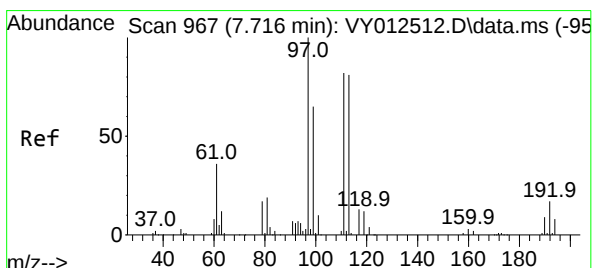
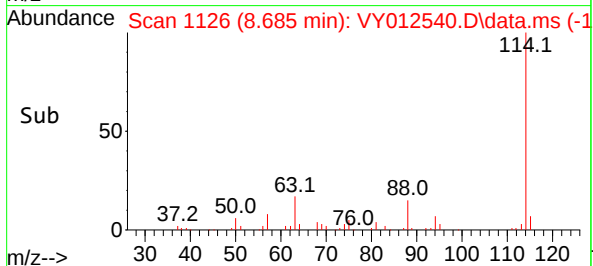
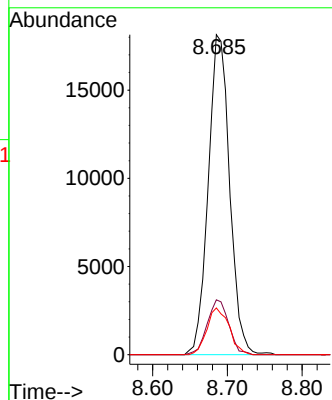
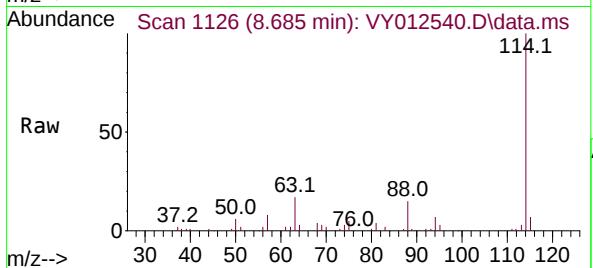
Tgt Ion:114 Resp: 36077

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 14.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 35.873 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012540.D

Acq: 08 Feb 2023 14:15

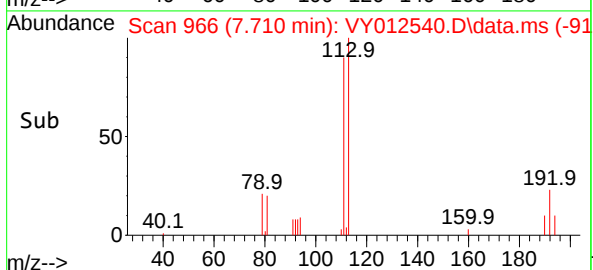
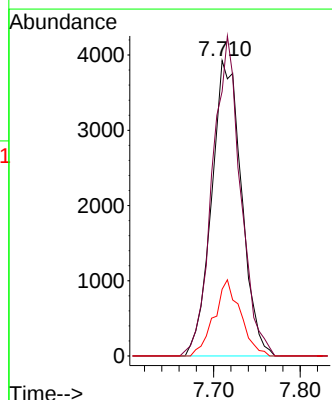
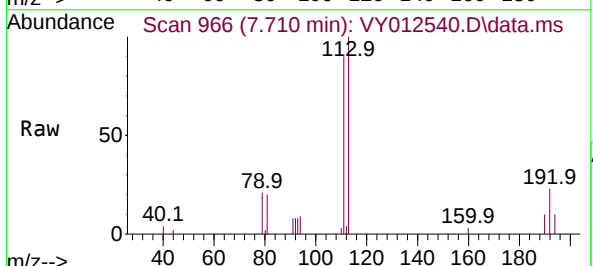
Tgt Ion:113 Resp: 9425

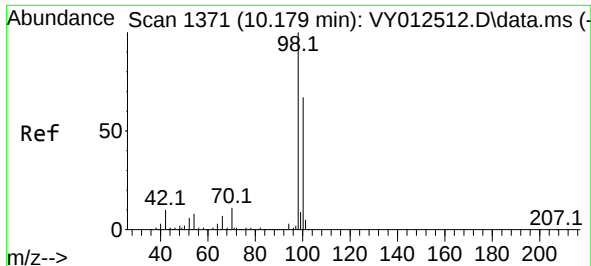
Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 22.7 17.5 26.3

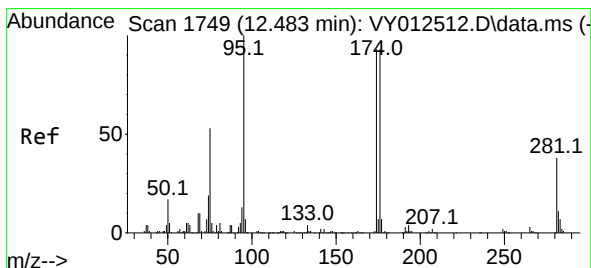
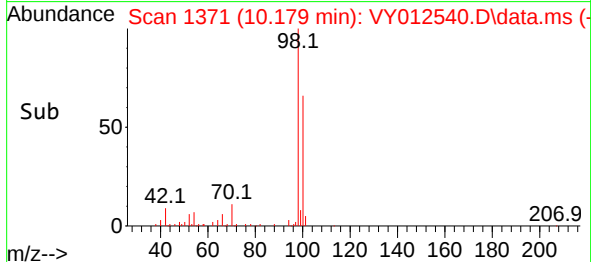
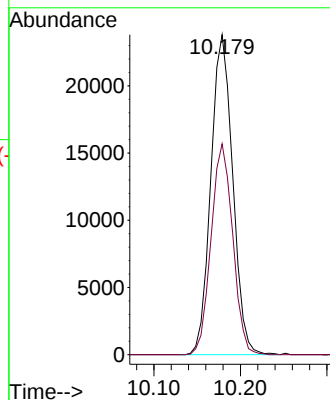
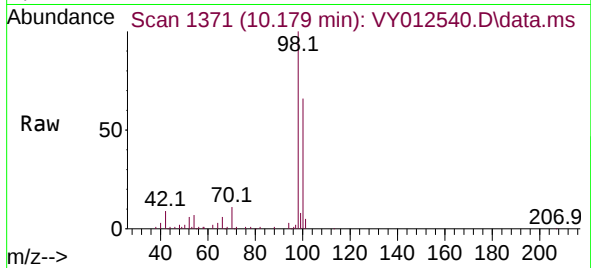




#50
Toluene-d8
Concen: 38.145 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

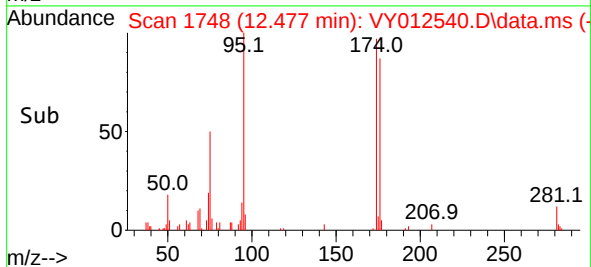
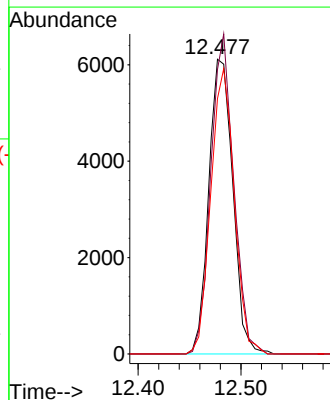
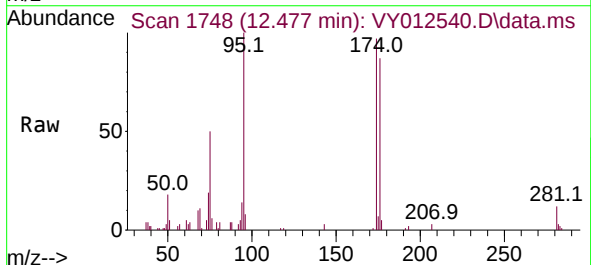
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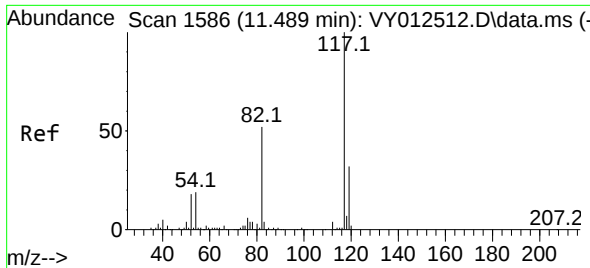
Tgt Ion: 98 Resp: 41714
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 26.051 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

Tgt Ion: 95 Resp: 9937
Ion Ratio Lower Upper
95 100
174 103.3 0.0 188.0
176 94.7 0.0 183.6

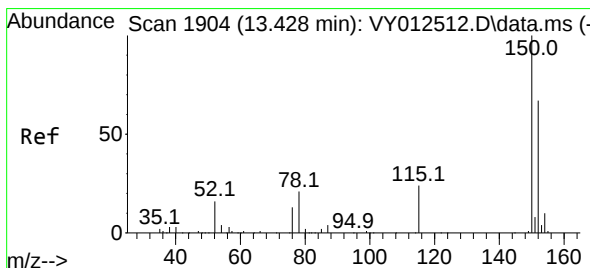
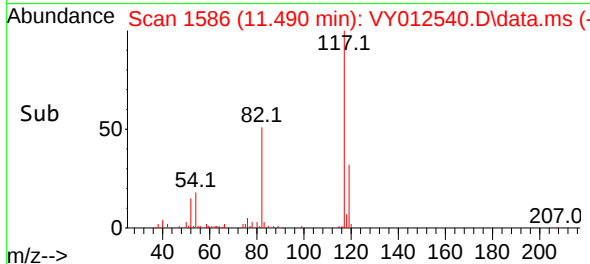
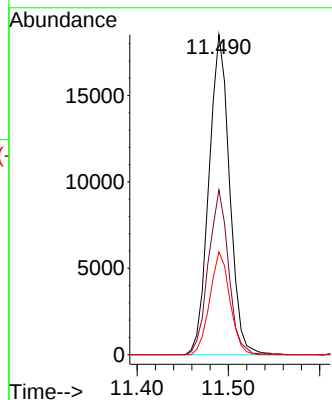
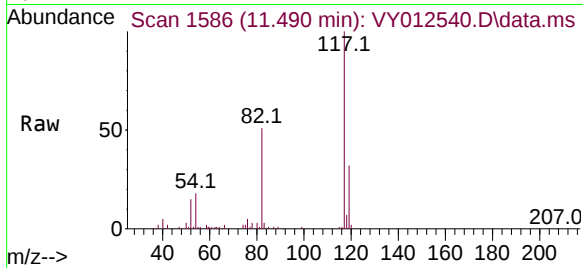




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012540.D
Acq: 08 Feb 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-60

Tgt Ion:	117	Resp:	29055
Ion Ratio	Lower	Upper	
117	100		
82	51.5	41.7	62.5
119	32.1	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: VY012540.D
Acq: 08 Feb 2023 14:15

Tgt Ion:	152	Resp:	11396
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.1	84.3
150	158.4	0.0	351.0

