

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012586.D
 Acq On : 14 Feb 2023 14:11
 Operator : KP/MD
 Sample : 01538-06
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-28

Quant Time: Feb 15 01:27:39 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)

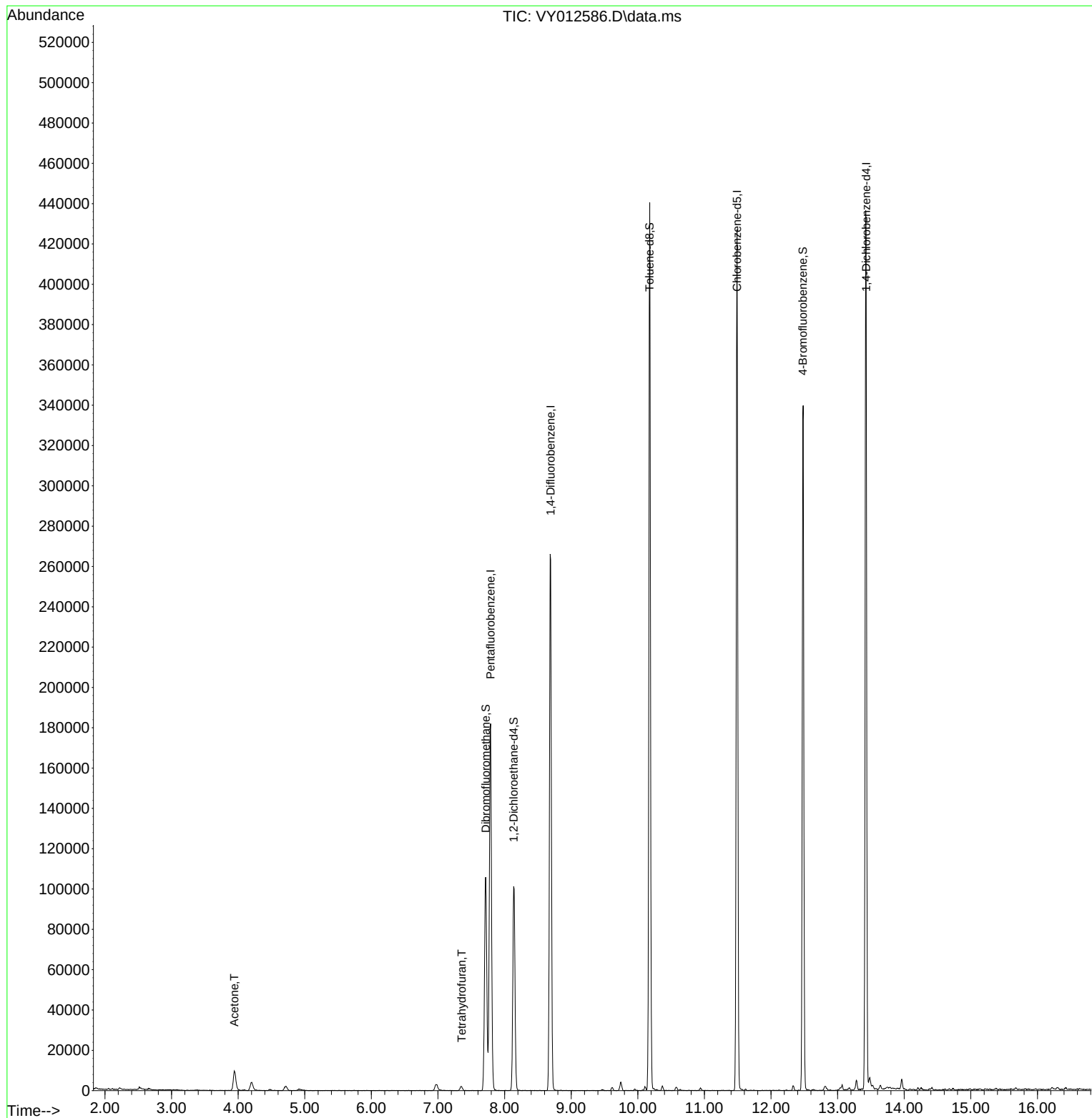
Internal Standards						
1) Pentafluorobenzene	7.789	168	144824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89890	48.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.716	113	71615	40.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.960%
50) Toluene-d8	10.179	98	289357	39.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.600%
62) 4-Bromofluorobenzene	12.477	95	99740	38.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.680%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	17247	38.910	ug/l	97
29) Tetrahydrofuran	7.356	42	1428	5.371	ug/l	97

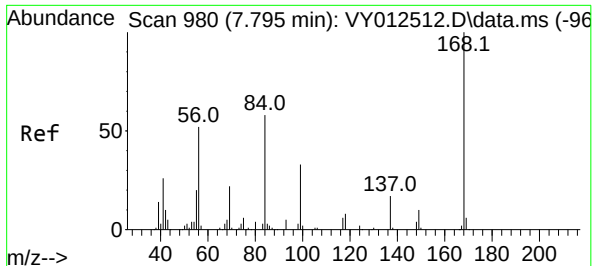
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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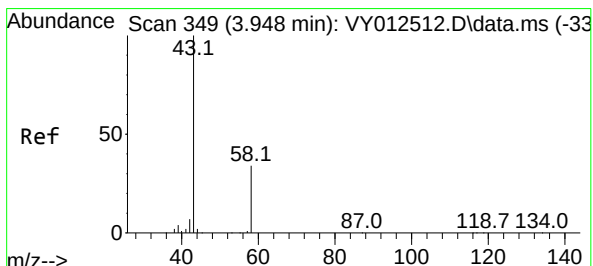
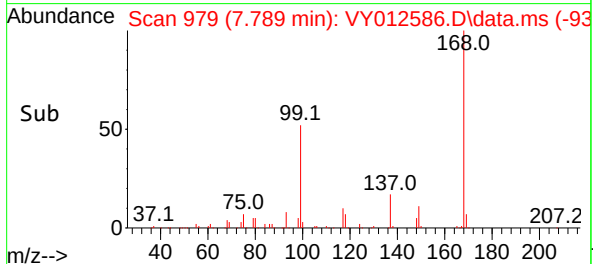
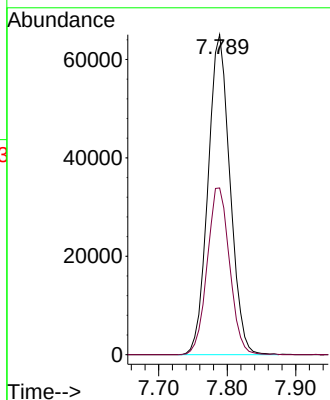
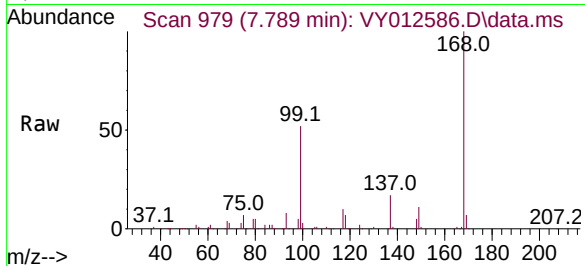




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012586.D
Acq: 14 Feb 2023 14:11

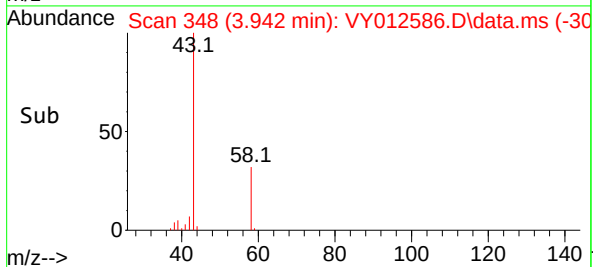
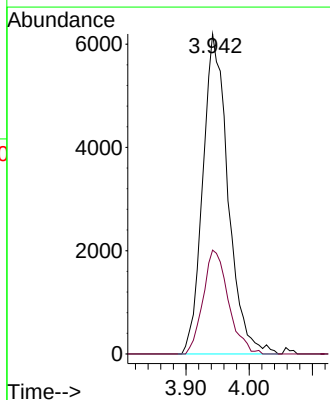
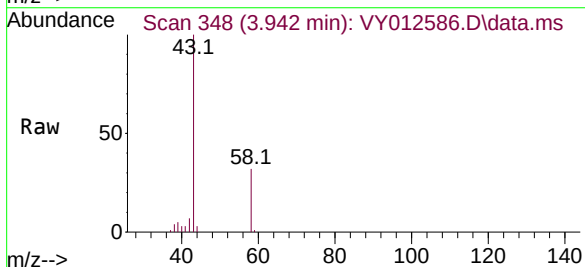
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-28

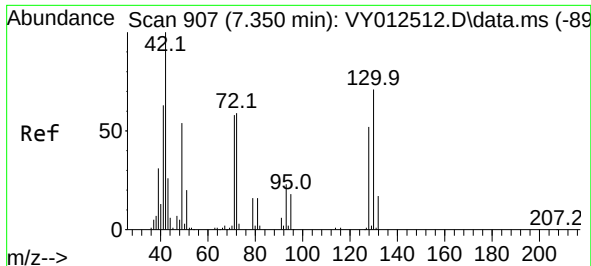
Tgt Ion:168 Resp: 144824
Ion Ratio Lower Upper
168 100
99 52.1 40.8 61.2



#16
Acetone
Concen: 38.910 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012586.D
Acq: 14 Feb 2023 14:11

Tgt Ion: 43 Resp: 17247
Ion Ratio Lower Upper
43 100
58 32.5 27.1 40.7





#29

Tetrahydrofuran

Concen: 5.371 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY012586.D

Acq: 14 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-28

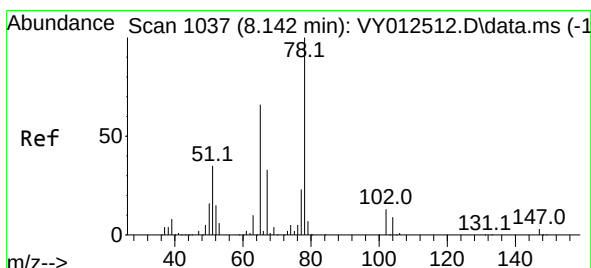
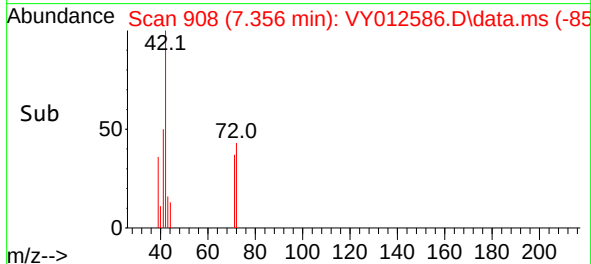
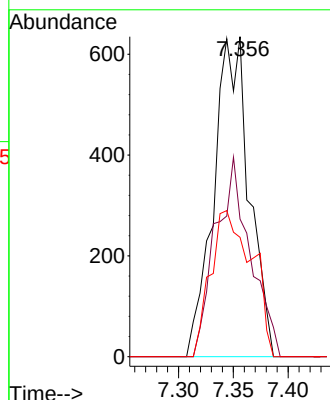
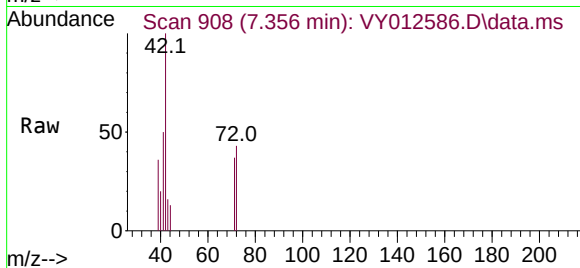
Tgt Ion: 42 Resp: 1428

Ion Ratio Lower Upper

42 100

72 60.9 47.0 70.6

71 53.3 44.6 66.8



#33

1,2-Dichloroethane-d4

Concen: 48.810 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012586.D

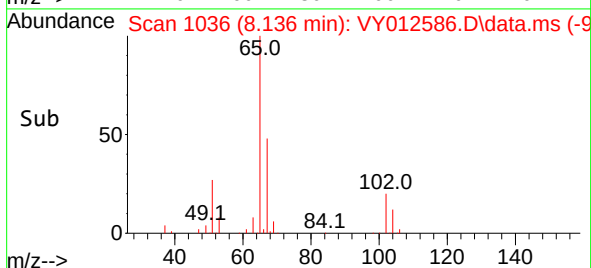
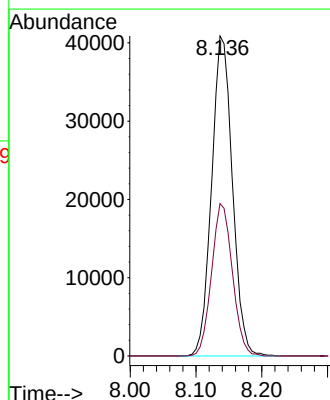
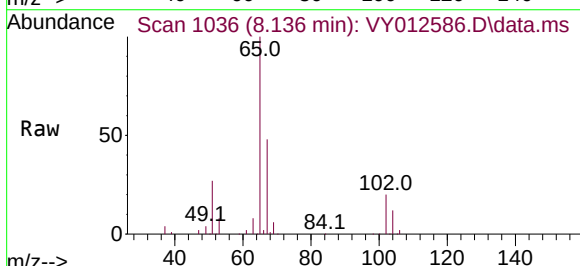
Acq: 14 Feb 2023 14:11

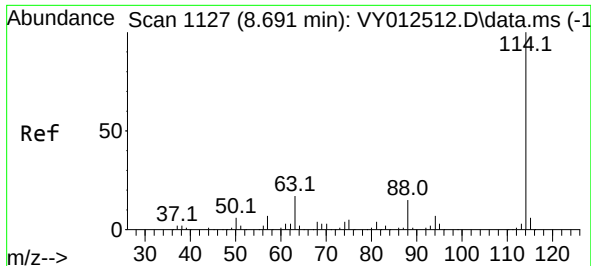
Tgt Ion: 65 Resp: 89890

Ion Ratio Lower Upper

65 100

67 47.7 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: VY012586.D

Acq: 14 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-28

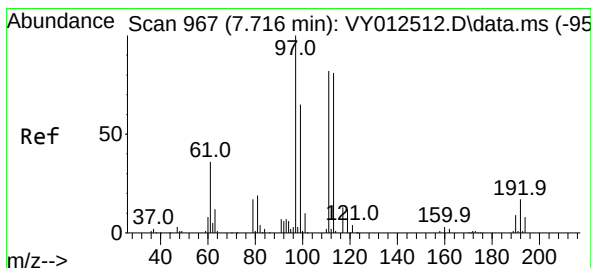
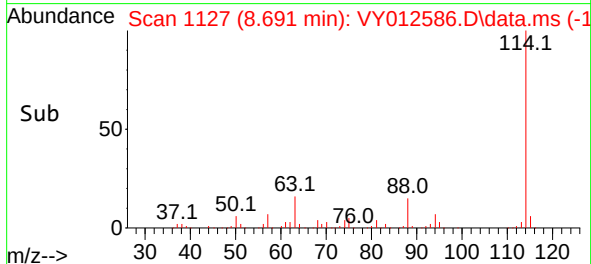
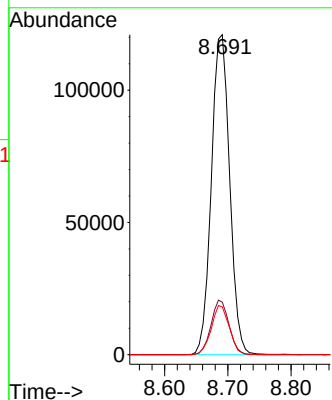
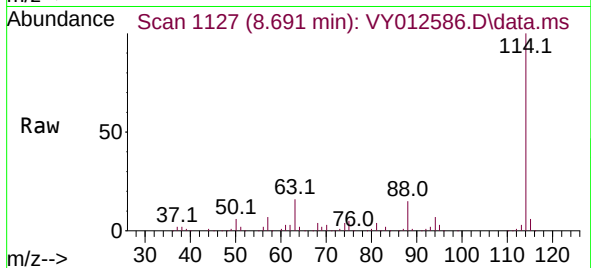
Tgt Ion:114 Resp: 242904

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.6

88 14.9 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.484 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012586.D

Acq: 14 Feb 2023 14:11

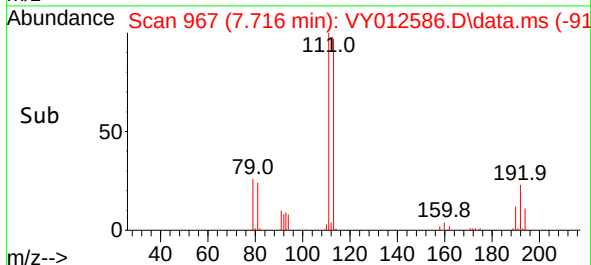
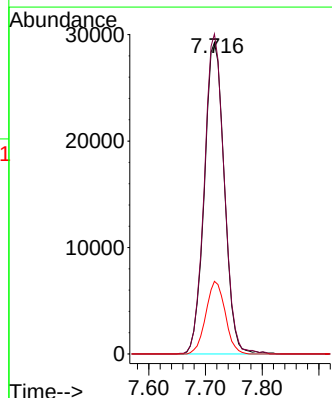
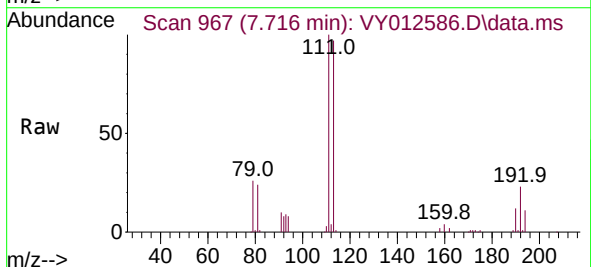
Tgt Ion:113 Resp: 71615

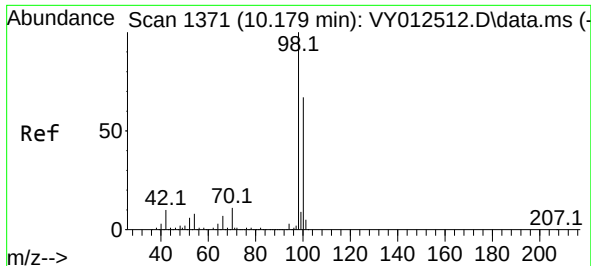
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 22.6 17.5 26.3

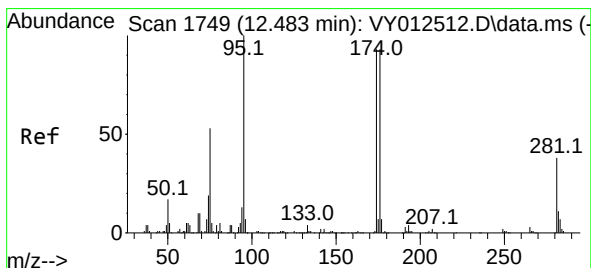
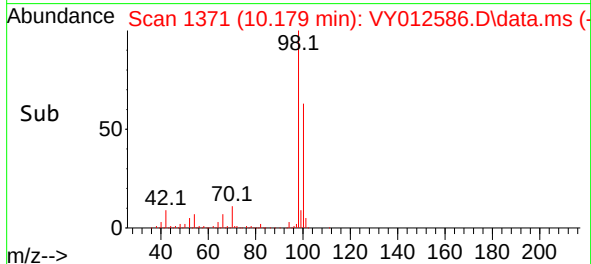
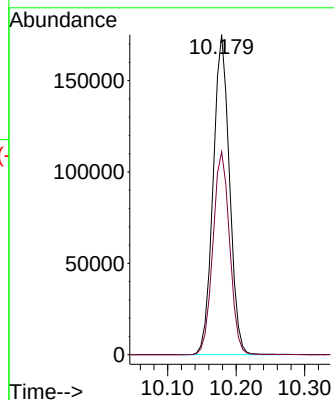
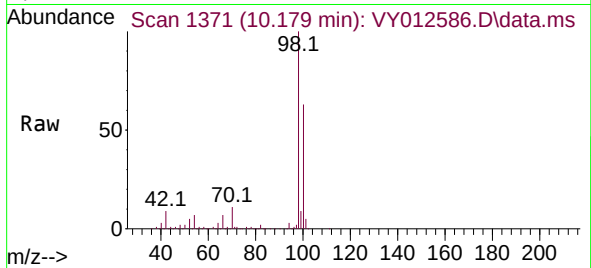




#50
Toluene-d8
Concen: 39.299 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012586.D
Acq: 14 Feb 2023 14:11

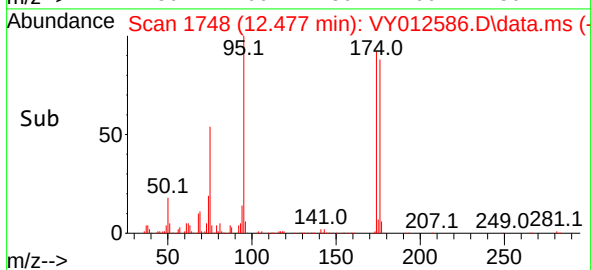
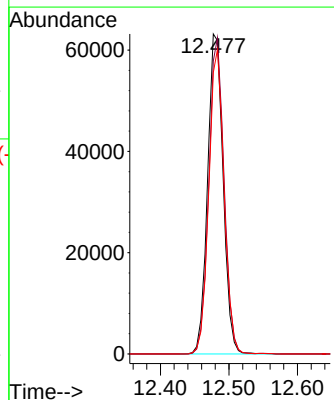
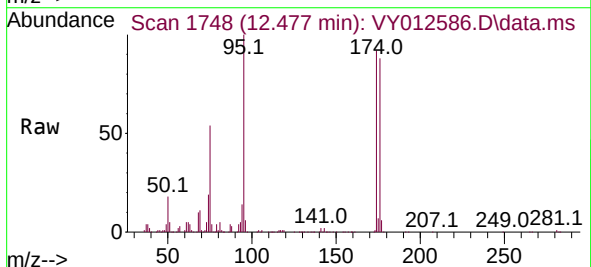
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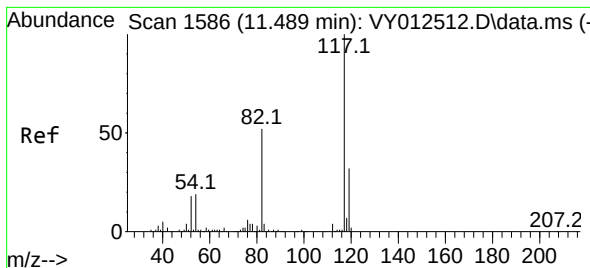
Tgt Ion: 98 Resp: 289357
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012586.D
Acq: 14 Feb 2023 14:11

Tgt Ion: 95 Resp: 99740
Ion Ratio Lower Upper
95 100
174 97.1 0.0 188.0
176 93.5 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: VY012586.D

Acq: 14 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-28

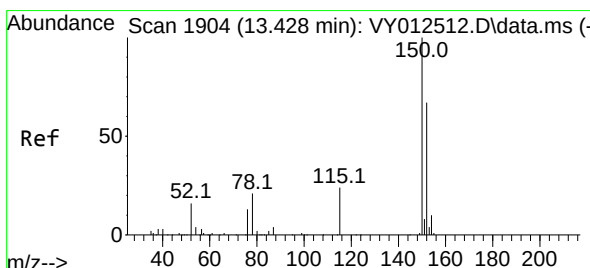
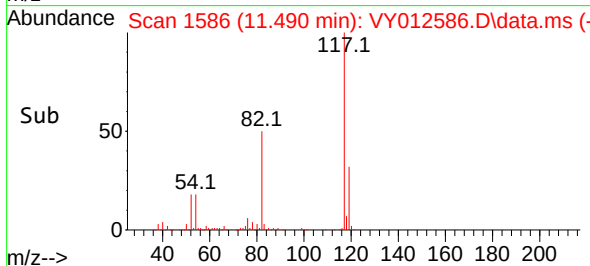
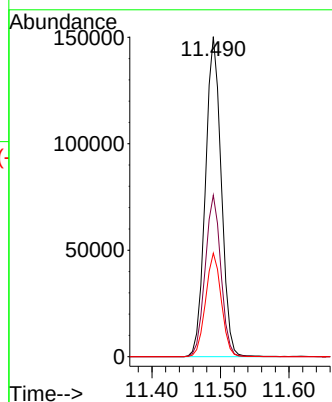
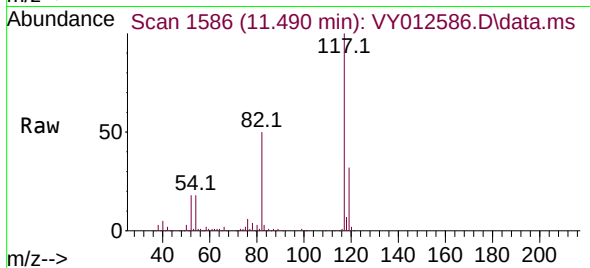
Tgt Ion:117 Resp: 241448

Ion Ratio Lower Upper

117 100

82 50.5 41.7 62.5

119 32.4 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: VY012586.D

Acq: 14 Feb 2023 14:11

Tgt Ion:152 Resp: 119584

Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.3

150 157.6 0.0 351.0

