

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014296.D
 Acq On : 20 Jun 2023 20:14
 Operator : KP/MD
 Sample : 03296-11
 Misc : 12.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-R-01-GRAB-6

Quant Time: Jun 21 02:10:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

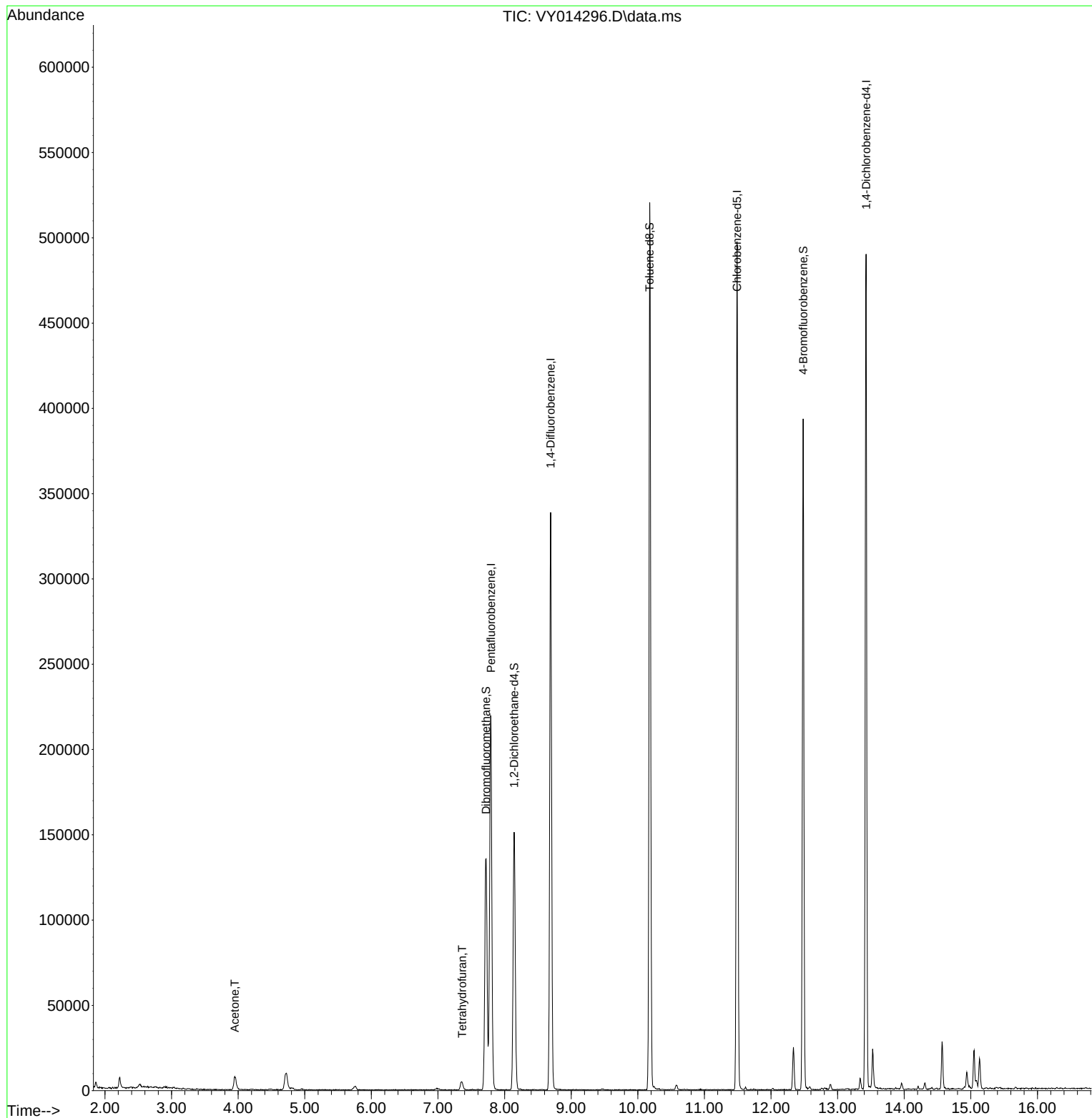
Internal Standards						
1) Pentafluorobenzene	7.795	168	172133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127483	53.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.360%
35) Dibromofluoromethane	7.722	113	95068	48.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.179	98	337739	46.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.483	95	111242	42.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.880%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	13570	18.781	ug/l	96
29) Tetrahydrofuran	7.362	42	3678	6.522	ug/l #	85

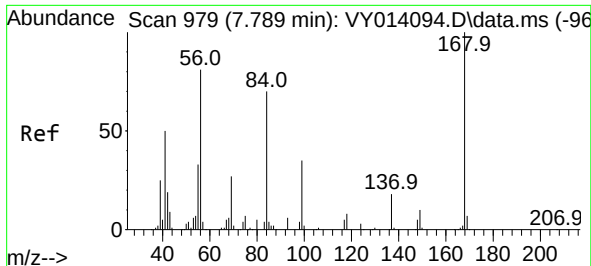
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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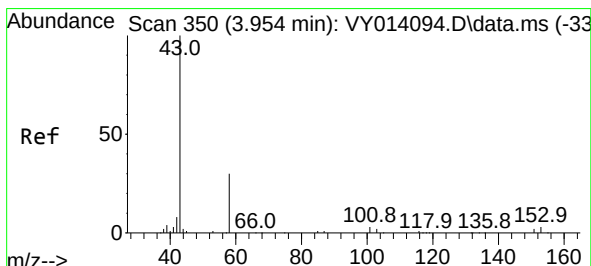
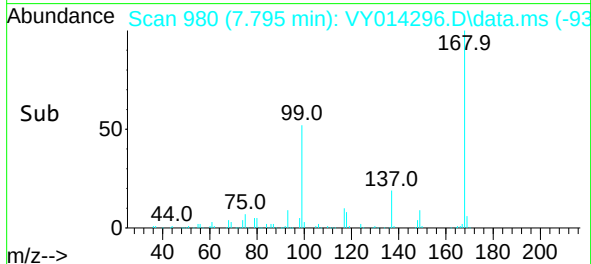
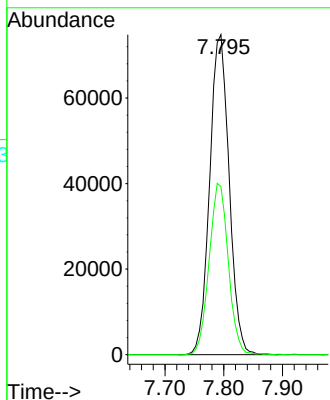
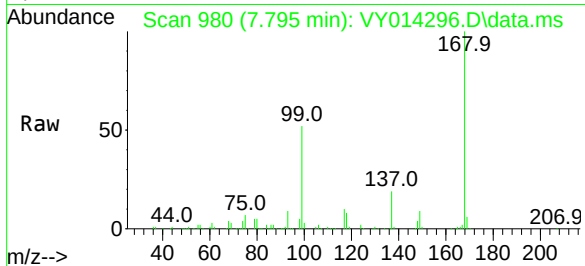




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

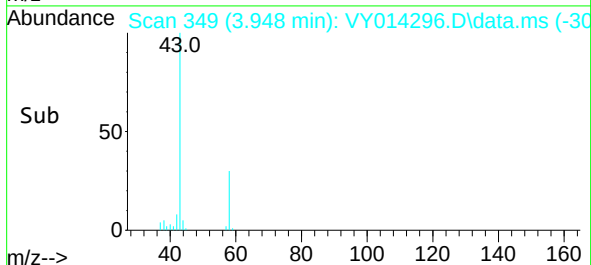
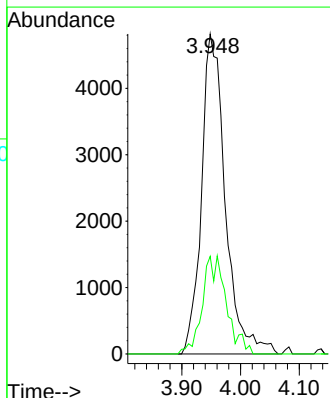
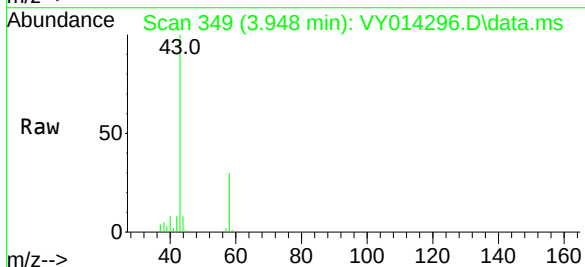
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-R-01-GRAB-6

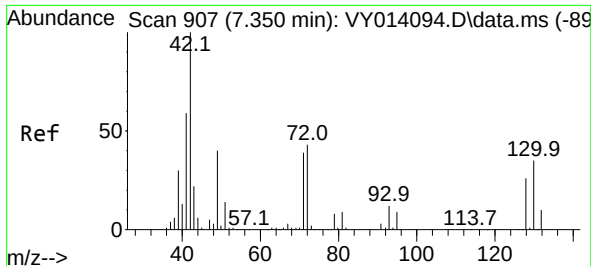
Tgt Ion:168 Resp: 172133
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 18.781 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

Tgt Ion: 43 Resp: 13570
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1





#29

Tetrahydrofuran

Concen: 6.522 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY014296.D

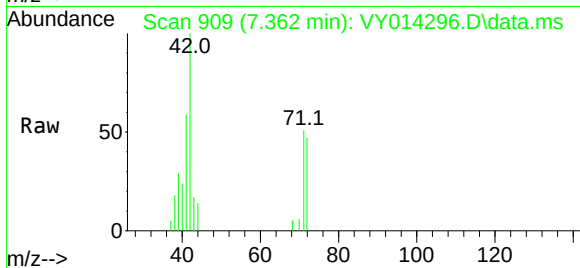
Acq: 20 Jun 2023 20:14

Instrument :

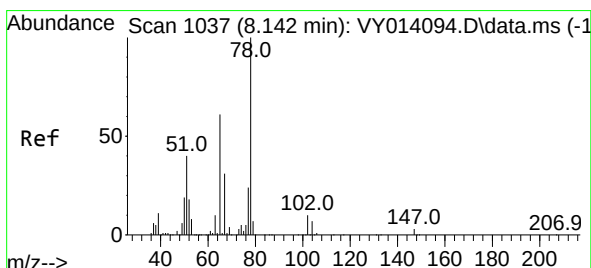
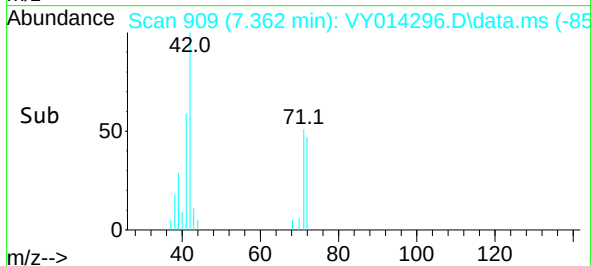
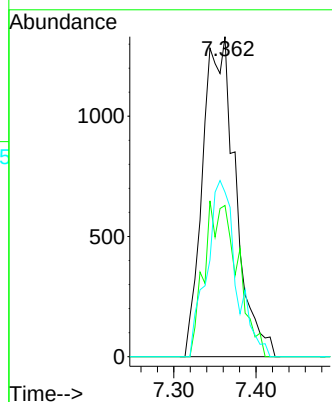
MSVOA_Y

ClientSampleId :

TOTAL-VOC-R-01-GRAB-6



Tgt Ion:	42	Resp:	3678
Ion Ratio	Lower	Upper	
42	100		
72	49.5	32.8	49.2#
71	49.3	31.0	46.4#



#33

1,2-Dichloroethane-d4

Concen: 53.185 ug/l

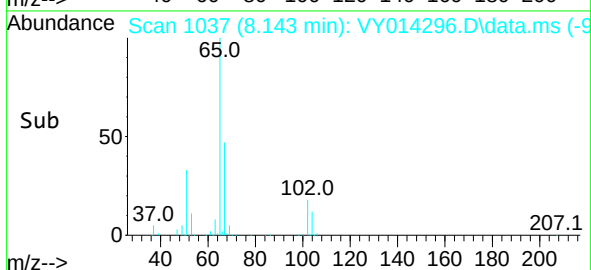
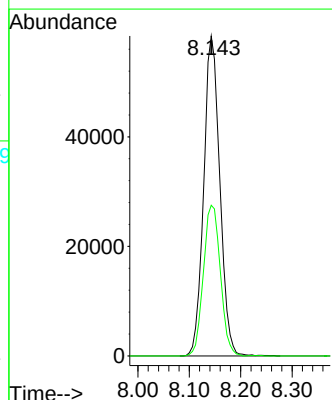
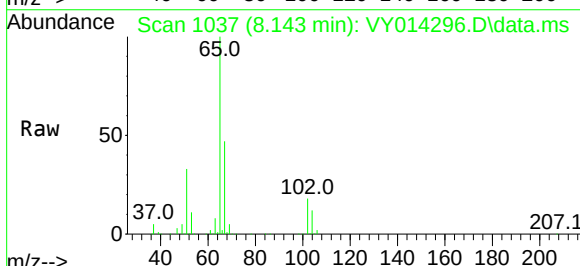
RT: 8.143 min Scan# 1037

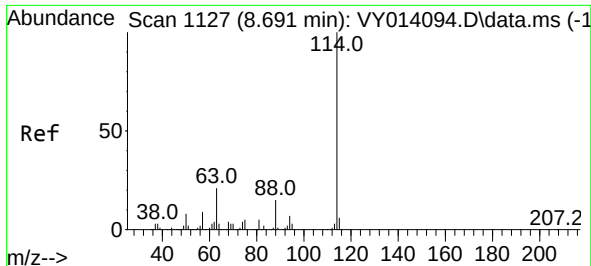
Delta R.T. 0.001 min

Lab File: VY014296.D

Acq: 20 Jun 2023 20:14

Tgt Ion:	65	Resp:	127483
Ion Ratio	Lower	Upper	
65	100		
67	49.5	0.0	101.8

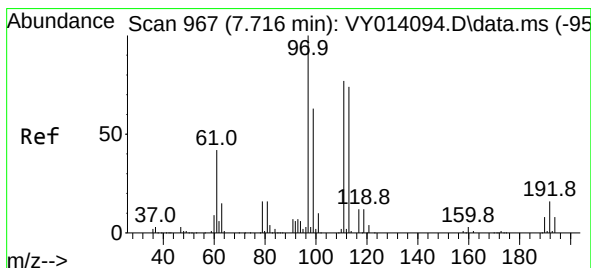
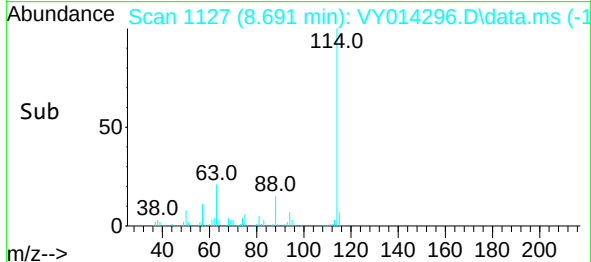
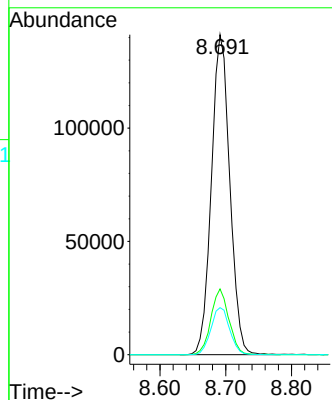
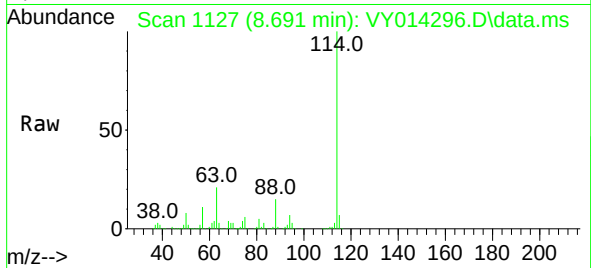




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

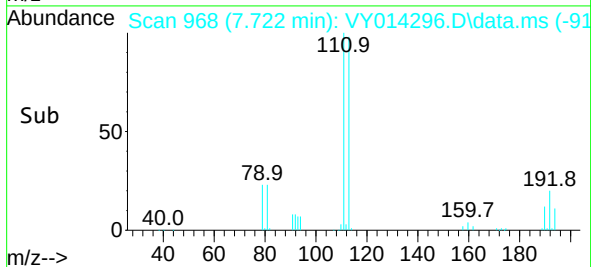
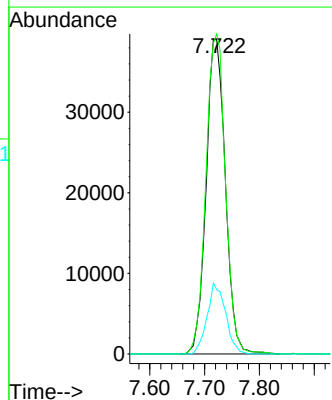
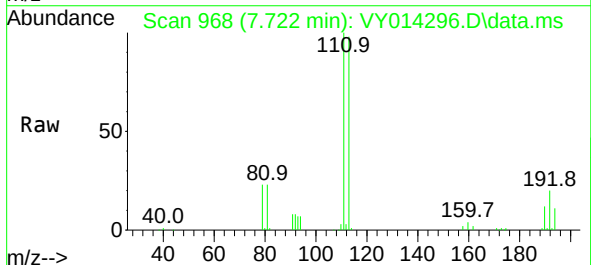
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-R-01-GRAB-6

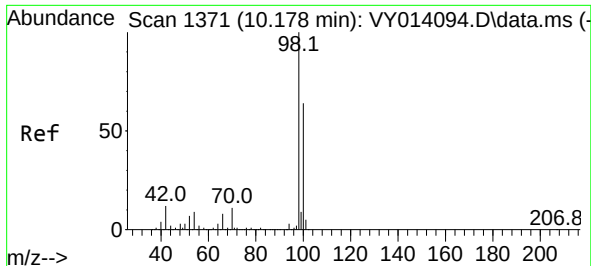
Tgt Ion:114 Resp: 275039
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.740 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

Tgt Ion:113 Resp: 95068
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 21.6 16.9 25.3

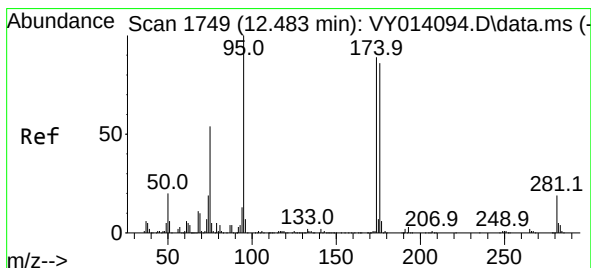
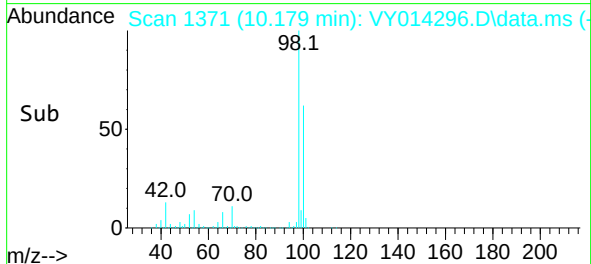
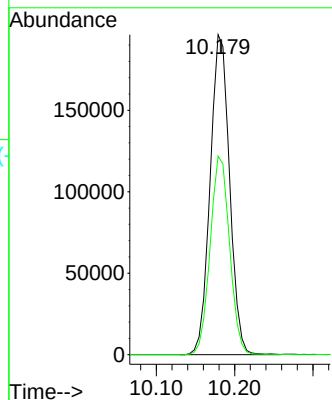
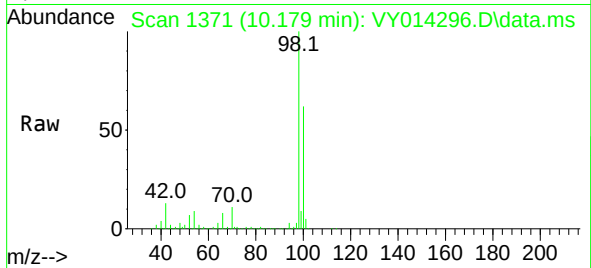




#50
Toluene-d8
Concen: 46.315 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

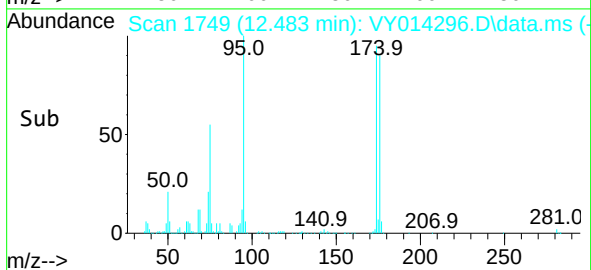
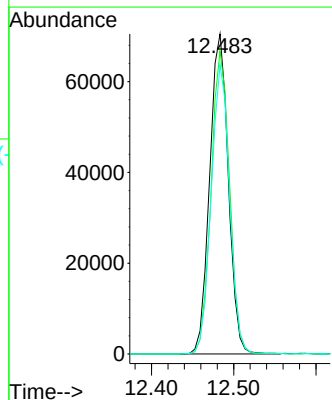
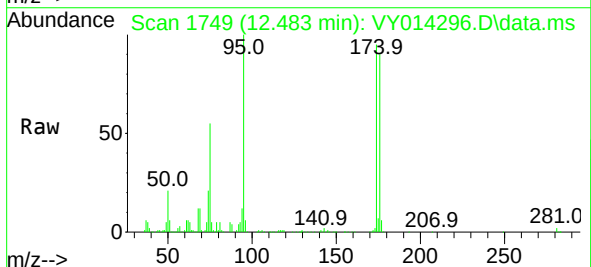
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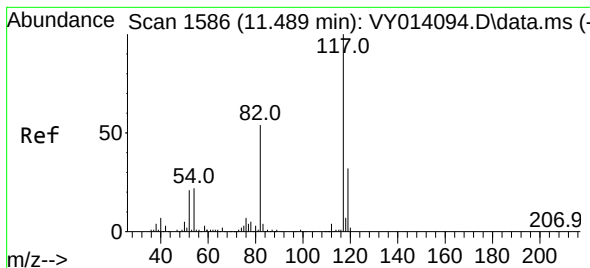
Tgt Ion: 98 Resp: 337739
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014296.D
Acq: 20 Jun 2023 20:14

Tgt Ion: 95 Resp: 111242
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 89.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014296.D

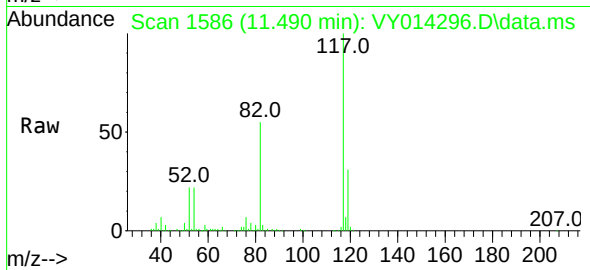
Acq: 20 Jun 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-R-01-GRAB-6



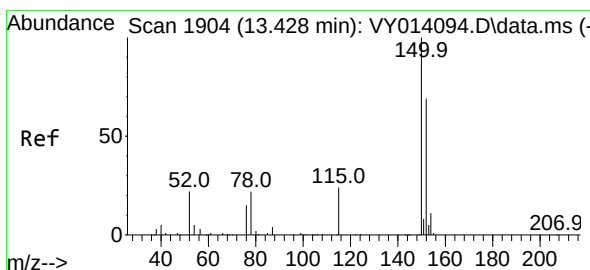
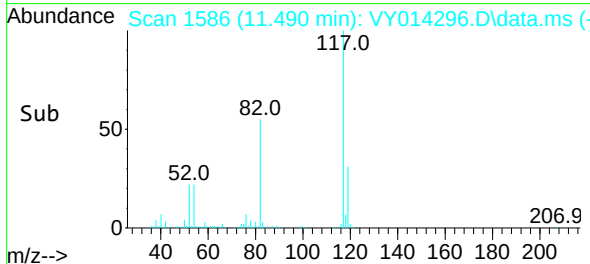
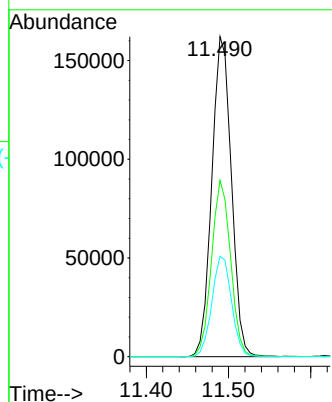
Tgt Ion:117 Resp: 268372

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014296.D

Acq: 20 Jun 2023 20:14

Tgt Ion:152 Resp: 128059

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 154.3 0.0 348.8

