

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014288.D
 Acq On : 20 Jun 2023 17:06
 Operator : KP/MD
 Sample : 03298-05
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-04-GRAB-6

Quant Time: Jun 21 02:08:49 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)

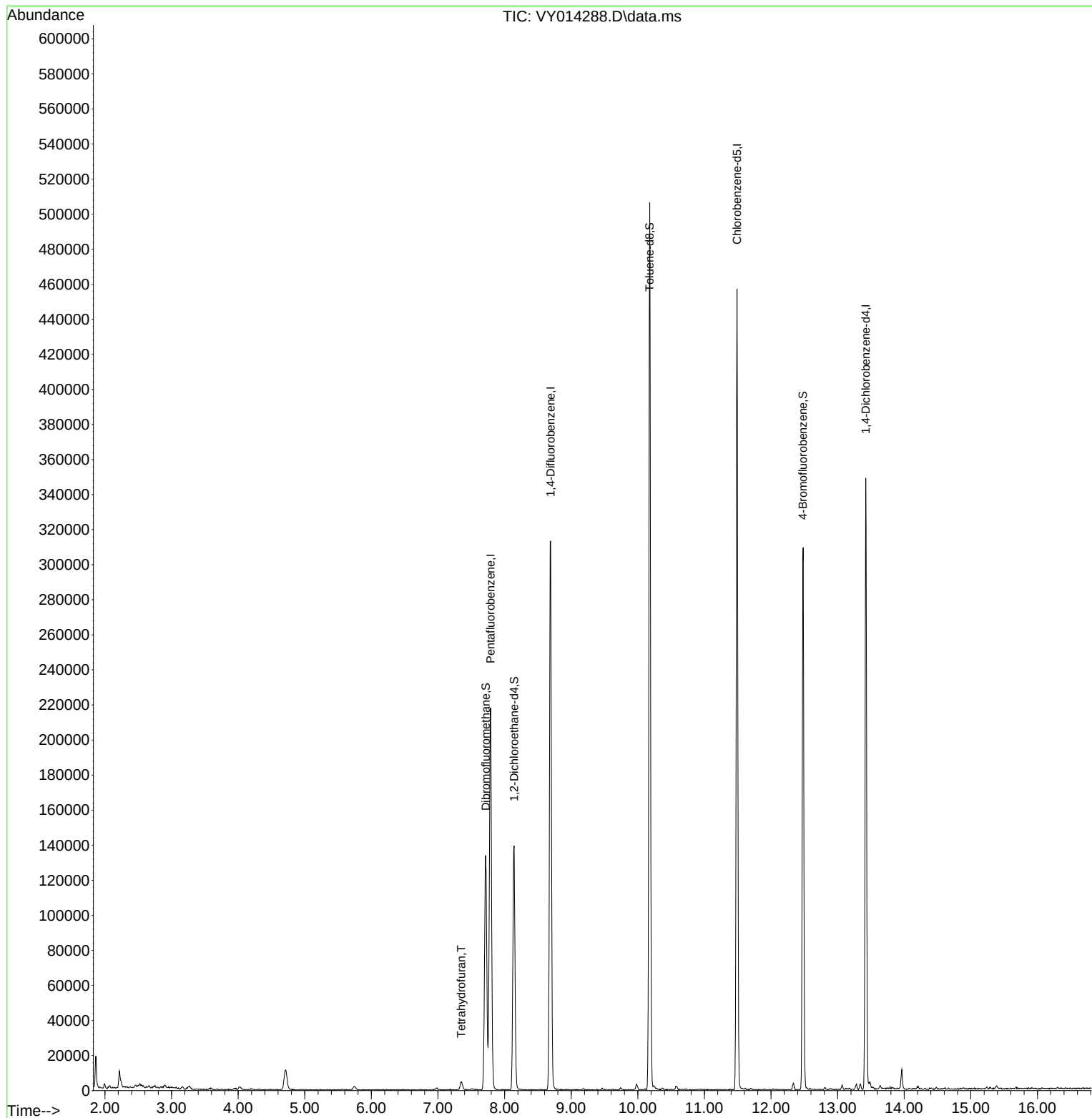
Internal Standards						
1) Pentafluorobenzene	7.789	168	167801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114867	49.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.716	113	90386	47.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.179	98	318465	44.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.477	95	87618	34.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.540%
Target Compounds						
29) Tetrahydrofuran	7.350	42	3517	6.397	ug/l	Qvalue 97

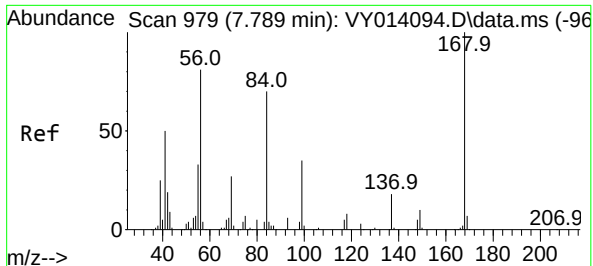
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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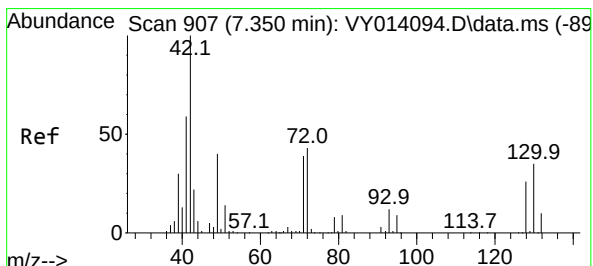
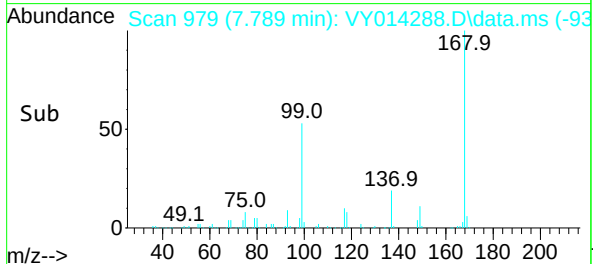
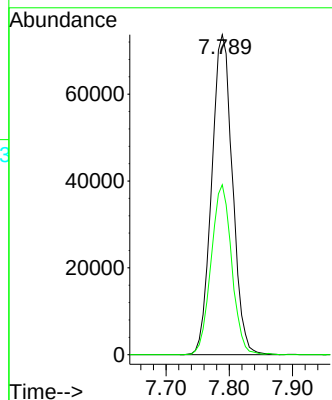
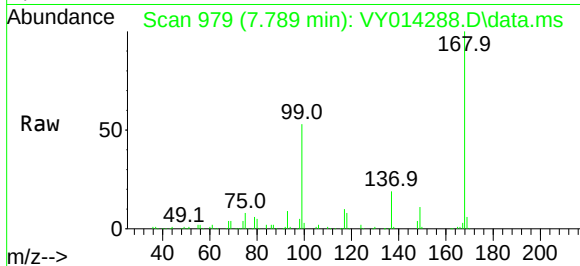




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

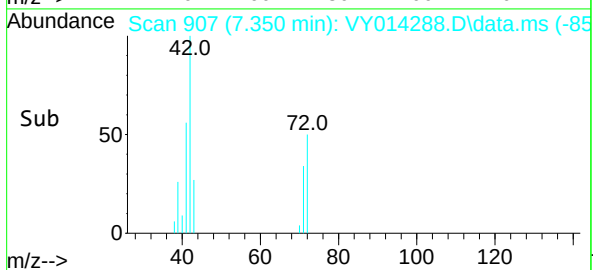
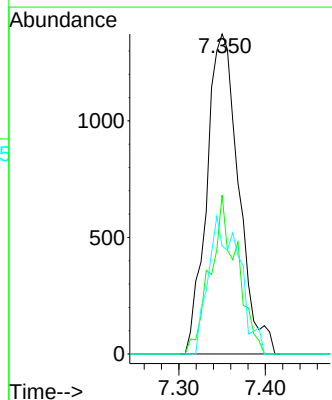
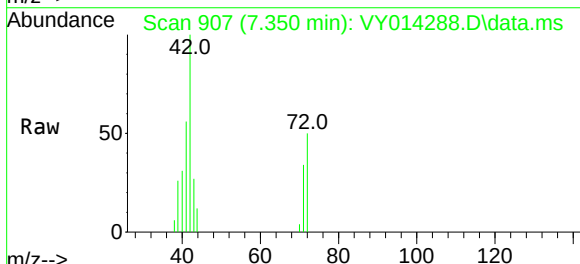
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-6

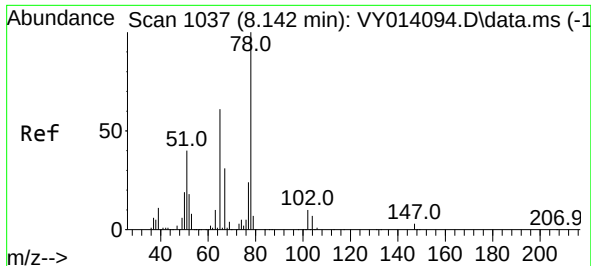
Tgt Ion:168 Resp: 167801
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.397 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

Tgt Ion: 42 Resp: 3517
Ion Ratio Lower Upper
42 100
72 41.6 32.8 49.2
71 41.8 31.0 46.4



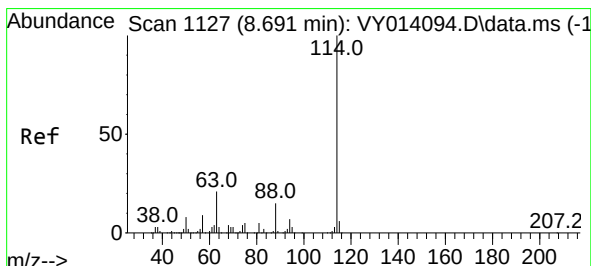
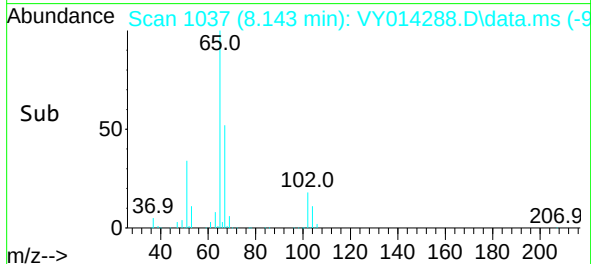
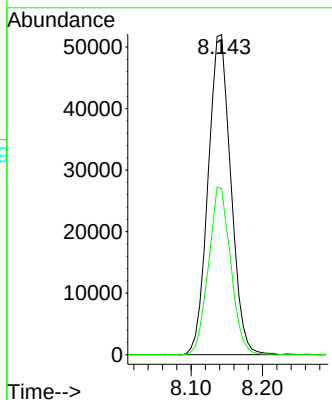
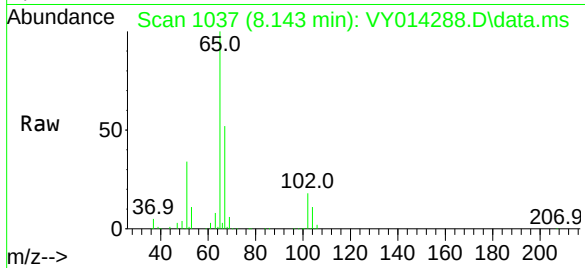


#33
 1,2-Dichloroethane-d4
 Concen: 49.159 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014288.D
 Acq: 20 Jun 2023 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-04-GRAB-6

Tgt Ion: 65 Resp: 114867

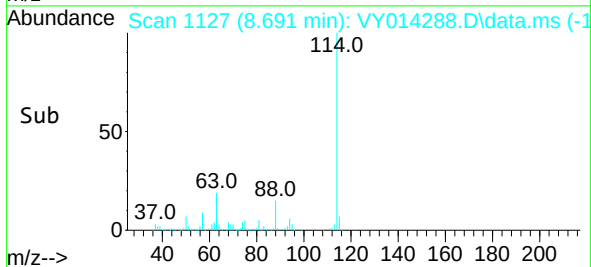
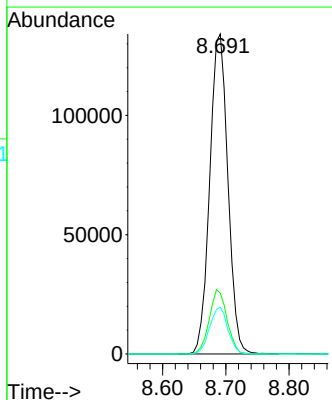
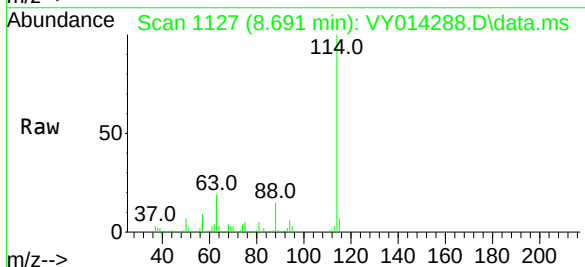
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.8

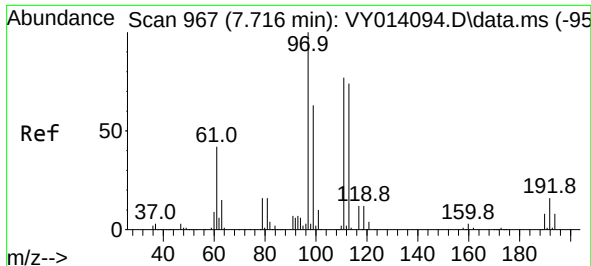


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014288.D
 Acq: 20 Jun 2023 17:06

Tgt Ion: 114 Resp: 267540

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.4
88	14.7	0.0	30.6

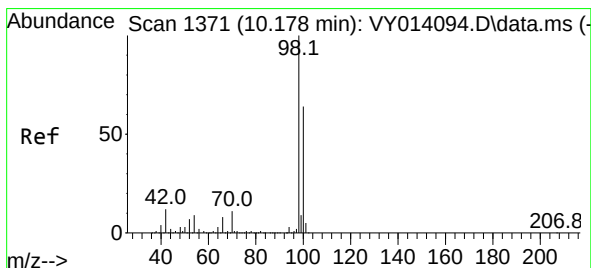
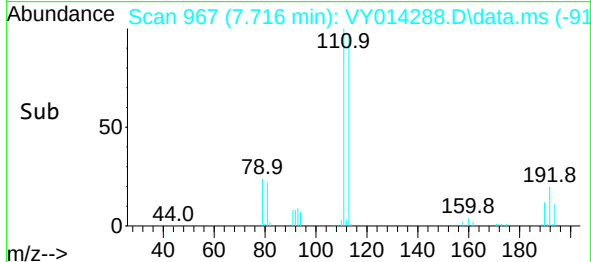
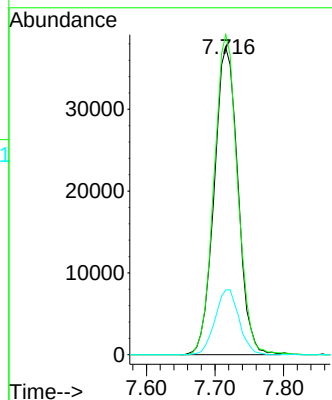
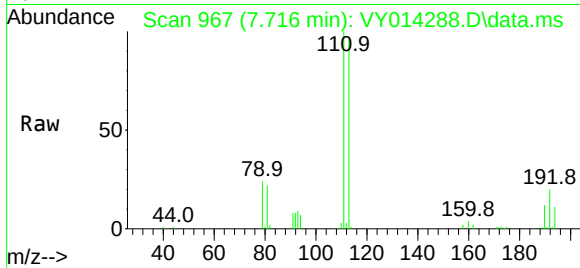




#35
Dibromofluoromethane
Concen: 47.638 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

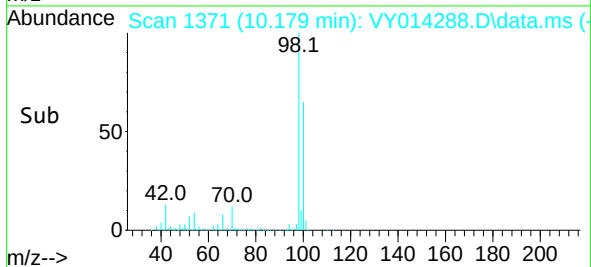
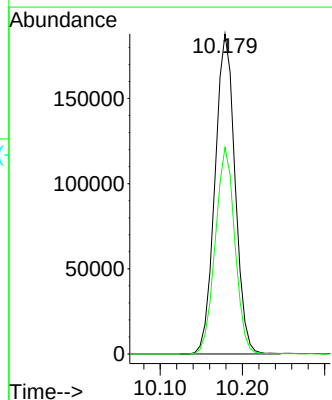
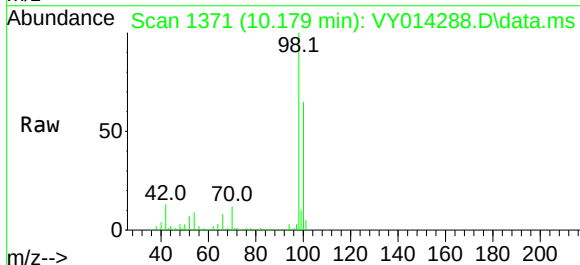
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-6

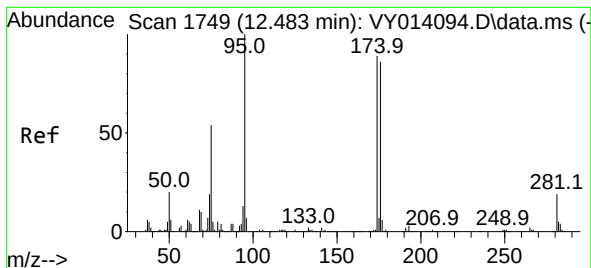
Tgt Ion:113 Resp: 90386
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 44.896 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

Tgt Ion: 98 Resp: 318465
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

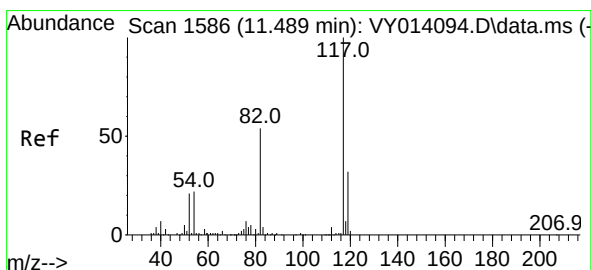
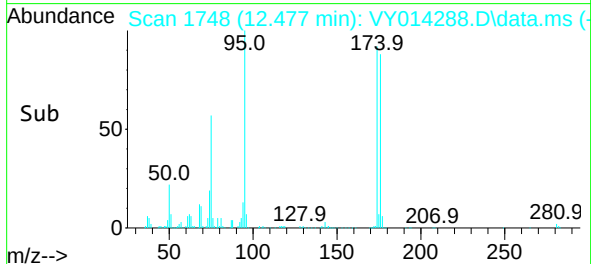
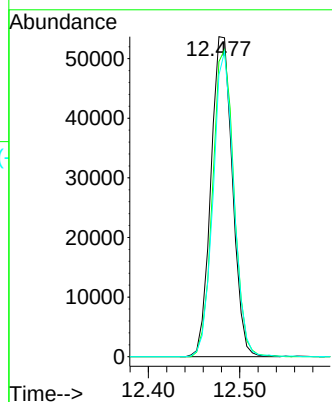
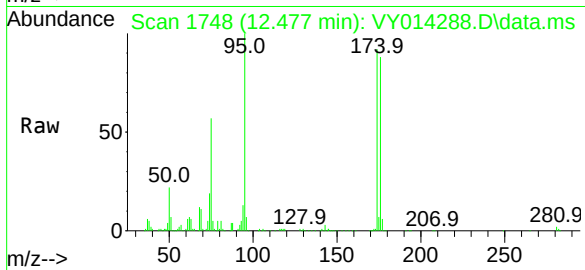




#62
4-Bromofluorobenzene
Concen: 34.772 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

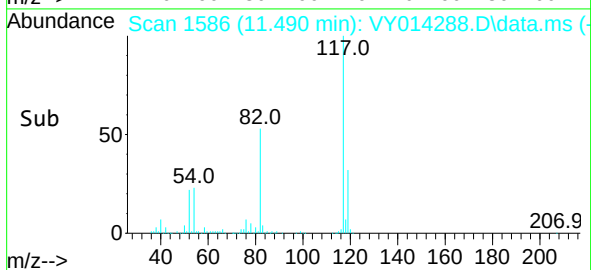
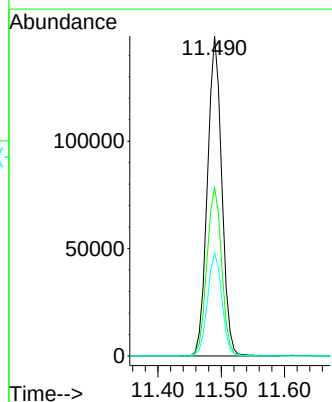
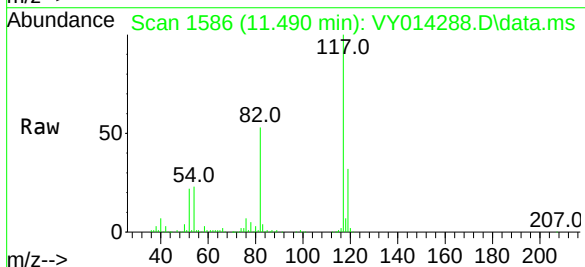
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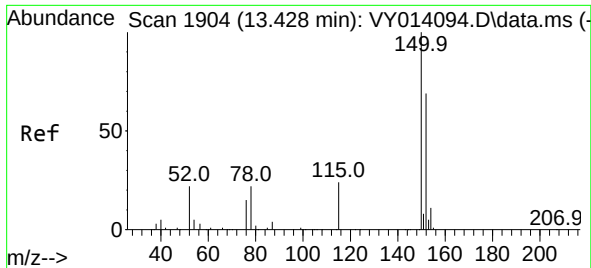
Tgt Ion: 95 Resp: 87618
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 91.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014288.D
Acq: 20 Jun 2023 17:06

Tgt Ion: 117 Resp: 235291
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014288.D

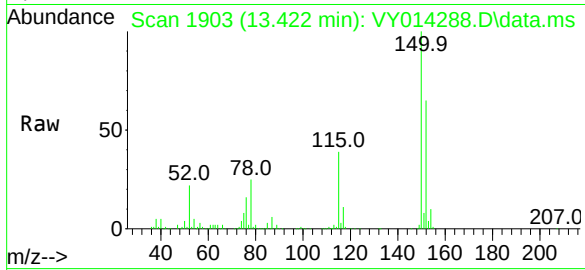
Acq: 20 Jun 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-6



Tgt Ion:152 Resp: 90137

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.7 0.0 348.8

