

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014188.D
 Acq On : 15 Jun 2023 14:42
 Operator : KP/MD
 Sample : 03222-17
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-06-GRAB-6

Quant Time: Jun 16 02:08:36 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)

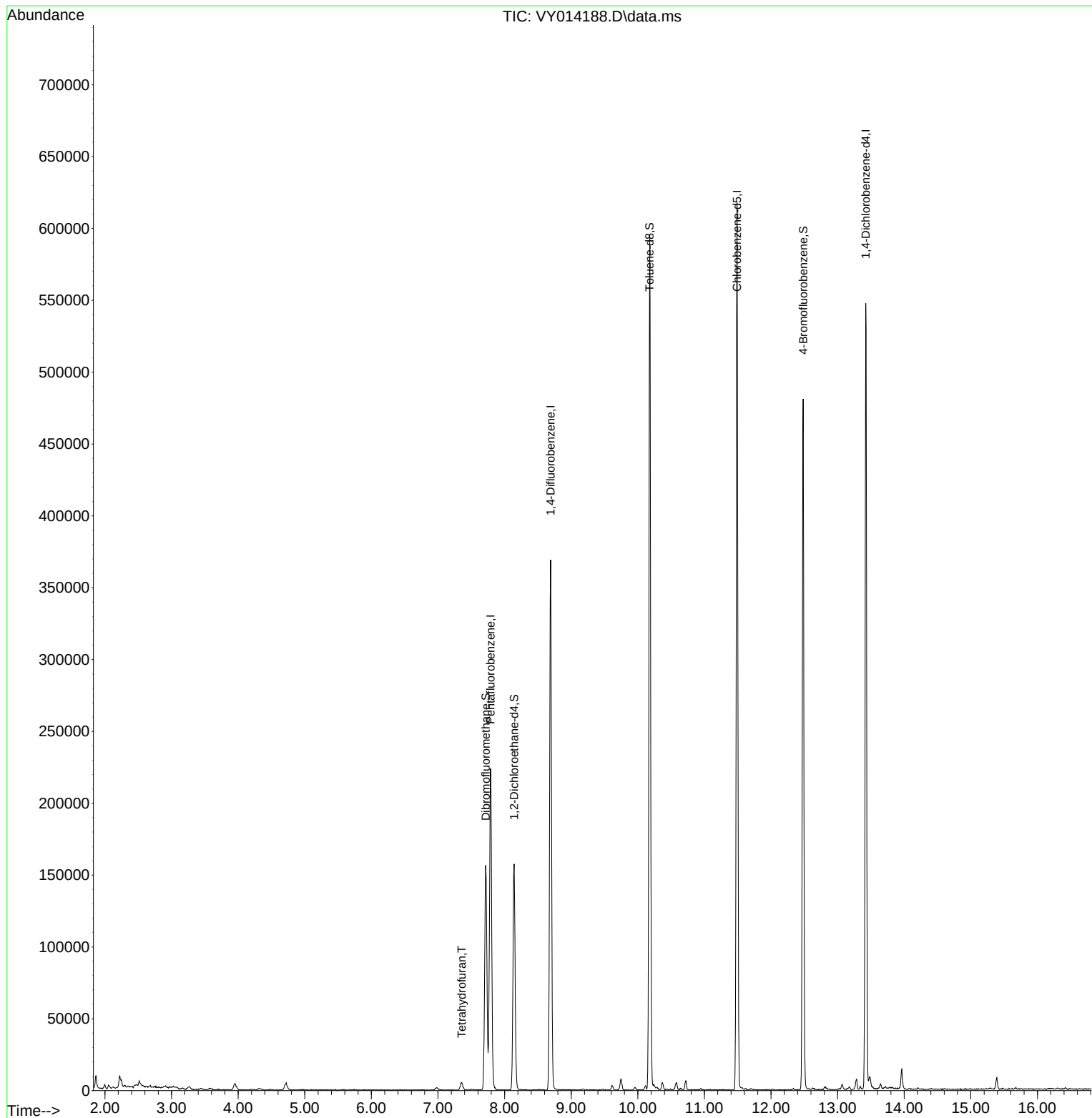
Internal Standards						
1) Pentafluorobenzene	7.789	168	172850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129859	53.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.900%
35) Dibromofluoromethane	7.716	113	104663	48.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.179	98	385642	47.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.483	95	133787	46.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.000%
Target Compounds						
29) Tetrahydrofuran	7.356	42	3956	6.985	ug/l	Qvalue # 77

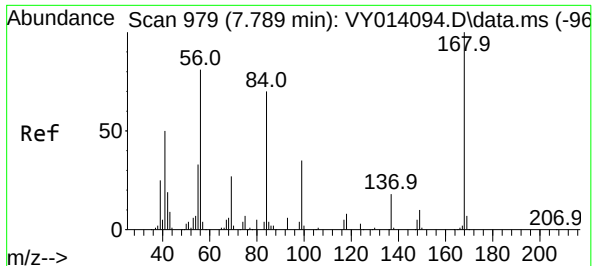
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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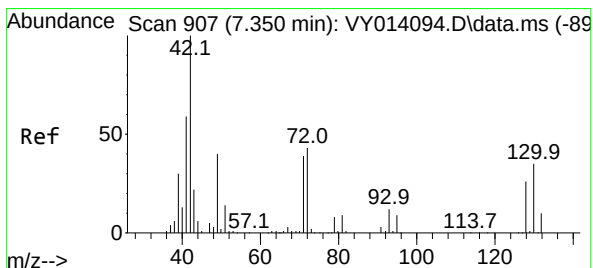
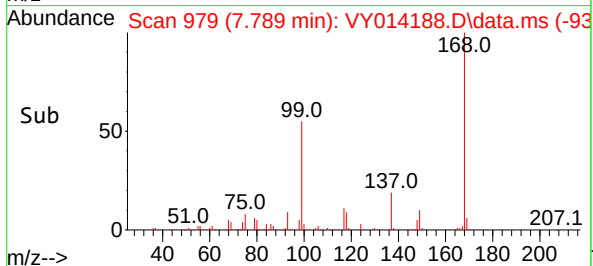
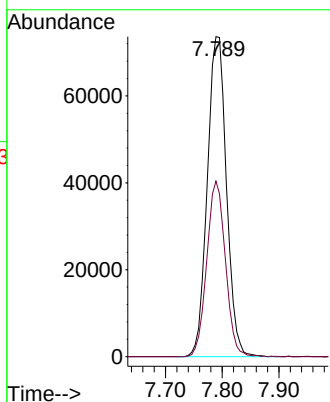
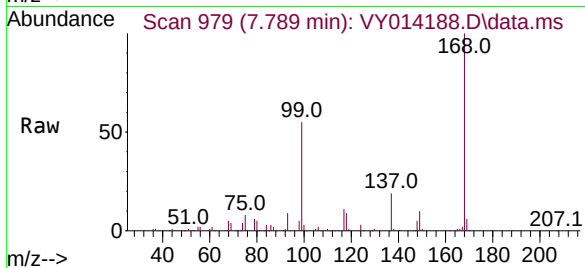




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

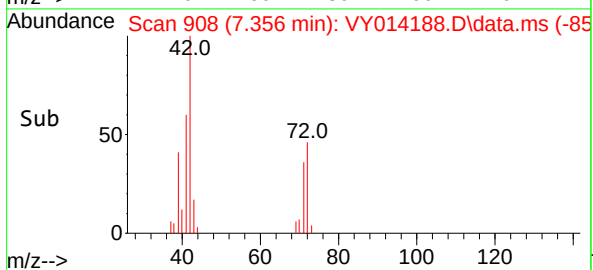
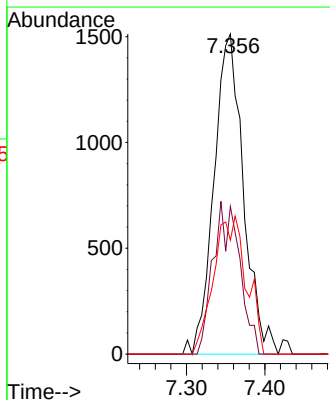
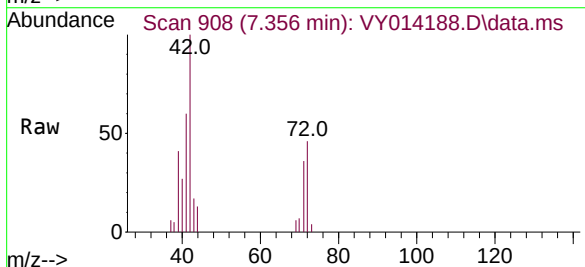
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-06-GRAB-6

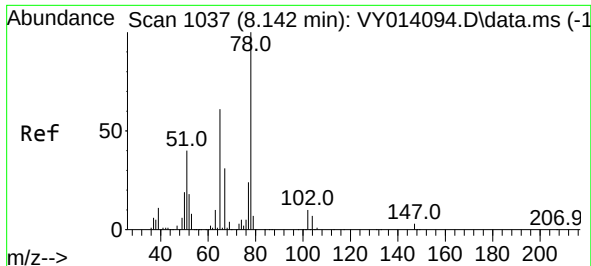
Tgt Ion:168 Resp: 172850
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.985 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

Tgt Ion: 42 Resp: 3956
Ion Ratio Lower Upper
42 100
72 22.2 32.8 49.2#
71 47.8 31.0 46.4#

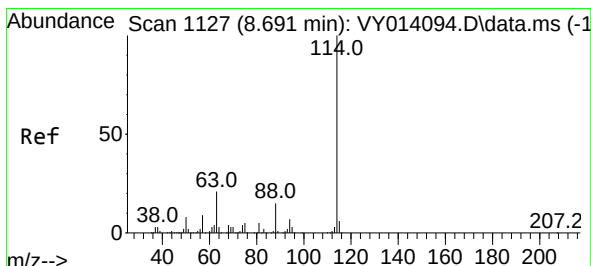
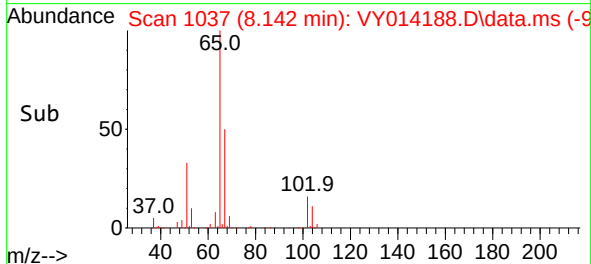
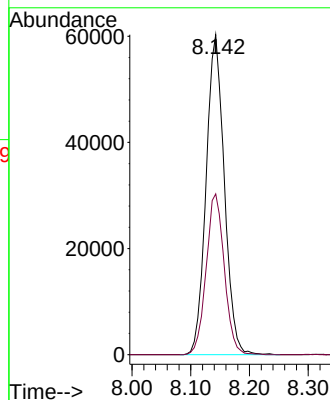
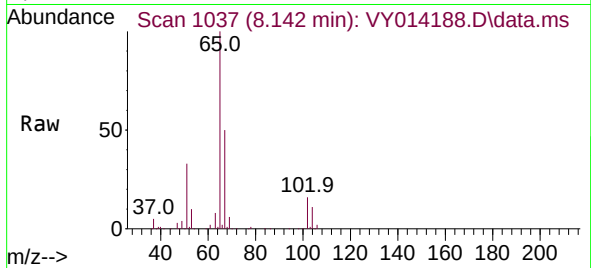




#33
 1,2-Dichloroethane-d4
 Concen: 53.951 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014188.D
 Acq: 15 Jun 2023 14:42

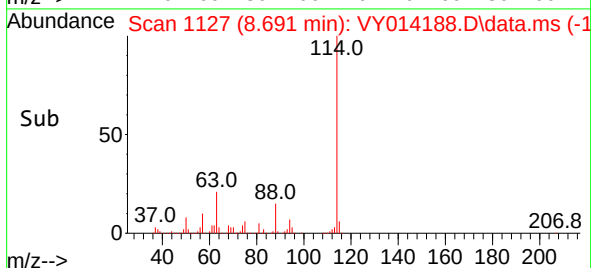
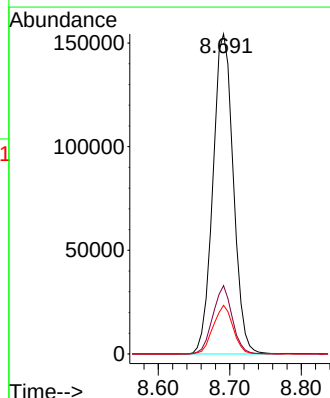
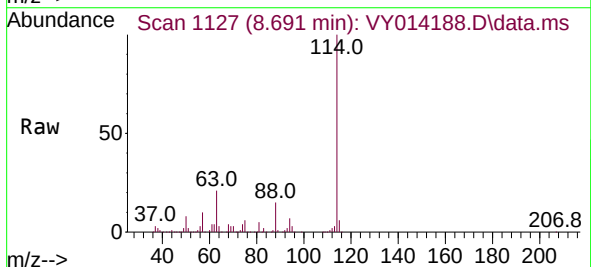
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-06-GRAB-6

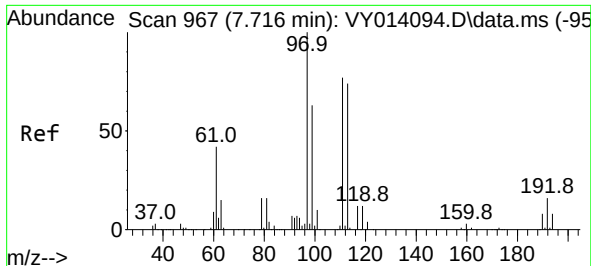
Tgt Ion: 65 Resp: 129859
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014188.D
 Acq: 15 Jun 2023 14:42

Tgt Ion: 114 Resp: 305470
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.2 0.0 30.6

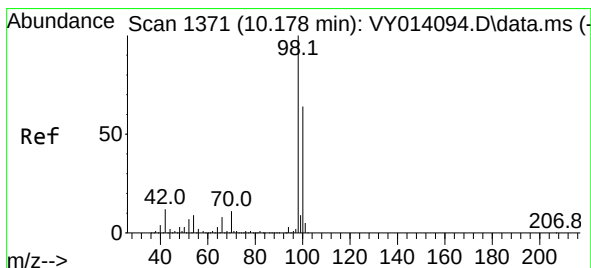
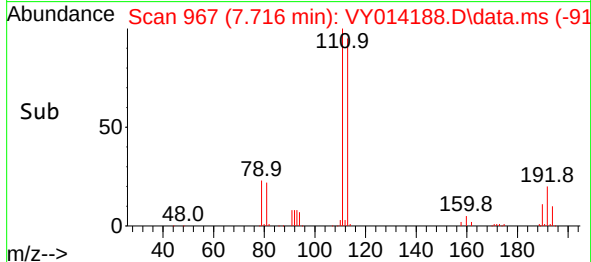
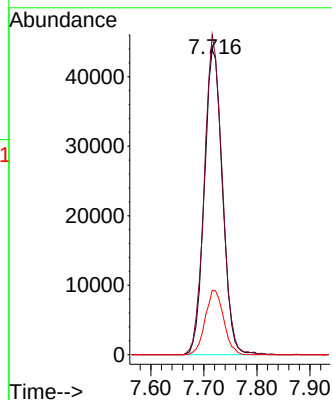
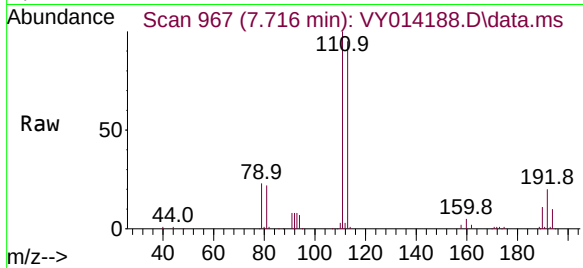




#35
Dibromofluoromethane
Concen: 48.314 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

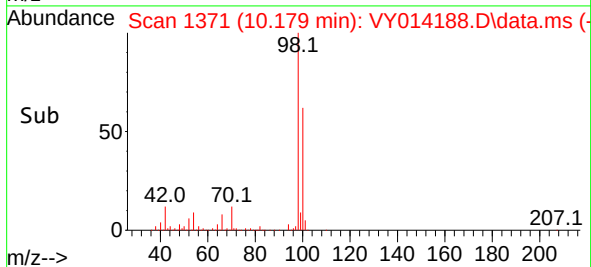
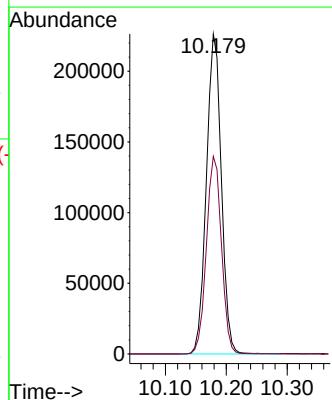
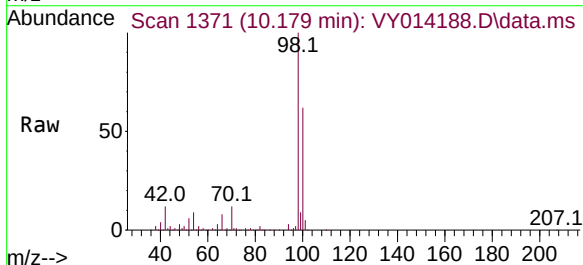
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-06-GRAB-6

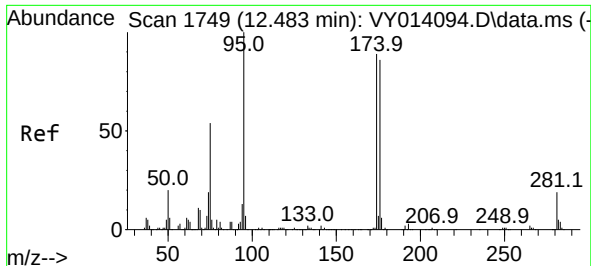
Tgt Ion:113 Resp: 104663
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 47.616 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

Tgt Ion: 98 Resp: 385642
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

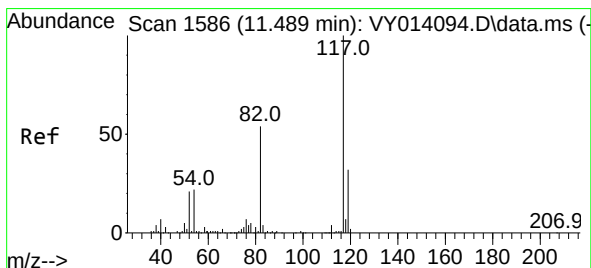
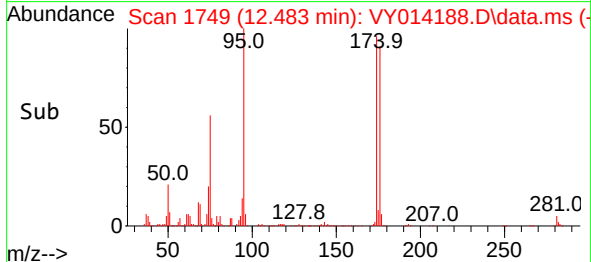
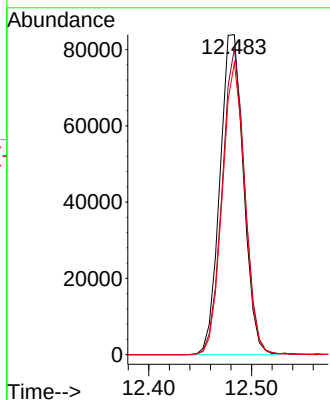
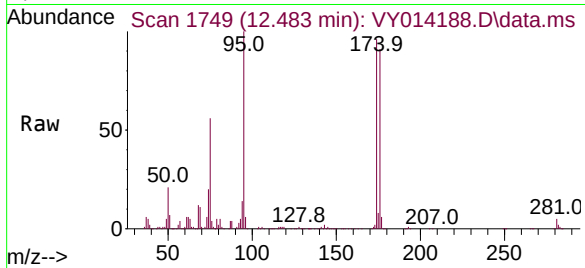




#62
4-Bromofluorobenzene
Concen: 46.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

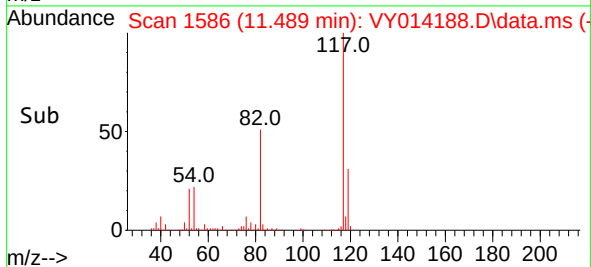
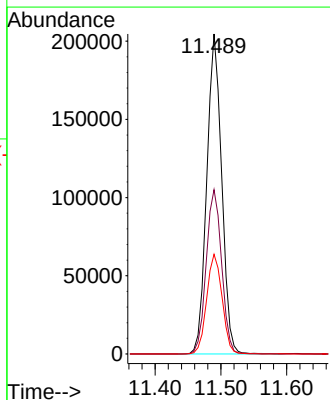
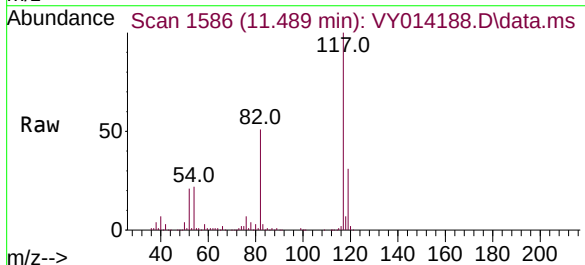
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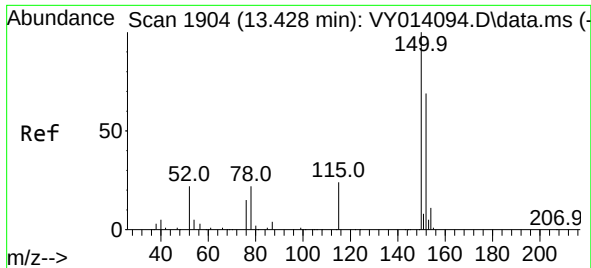
Tgt Ion: 95 Resp: 133787
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014188.D
Acq: 15 Jun 2023 14:42

Tgt Ion: 117 Resp: 322368
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 31.2 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: VY014188.D

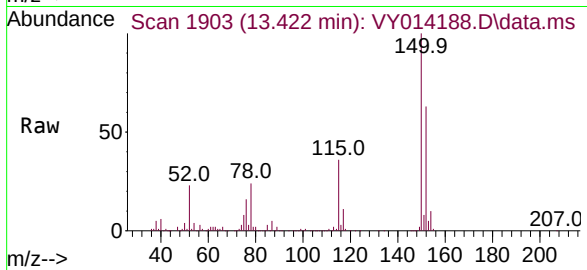
Acq: 15 Jun 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-06-GRAB-6



Tgt Ion:152 Resp: 140610

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 155.6 0.0 348.8

