

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014186.D
 Acq On : 15 Jun 2023 13:56
 Operator : KP/MD
 Sample : 03222-11
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-26

Quant Time: Jun 16 02:07:56 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)

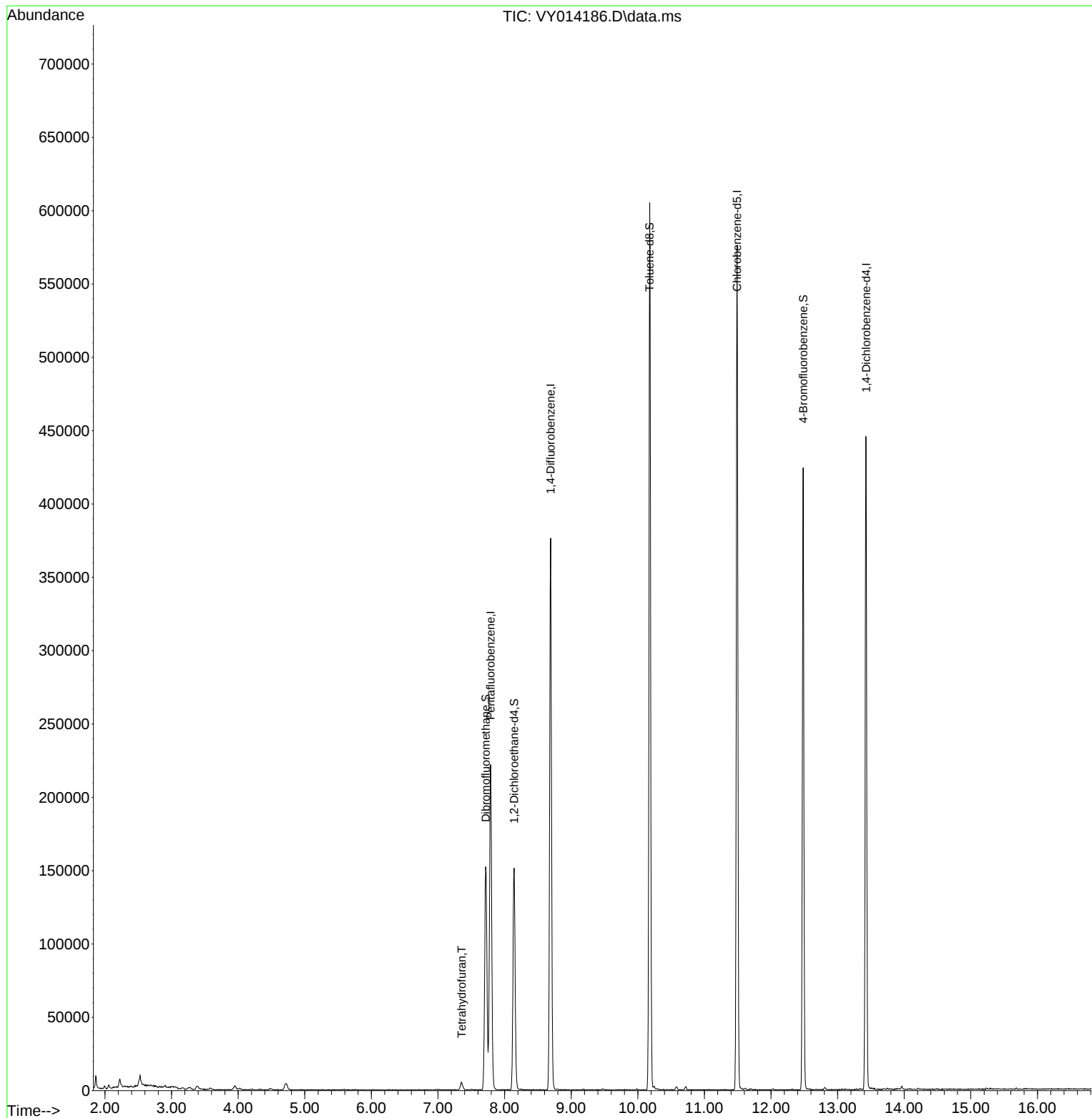
Internal Standards						
1) Pentafluorobenzene	7.789	168	172393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125792	52.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.800%
35) Dibromofluoromethane	7.716	113	103784	48.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.179	98	385787	47.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.483	95	117400	40.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.880%
Target Compounds						
29) Tetrahydrofuran	7.356	42	3616	6.402	ug/l	Qvalue 96

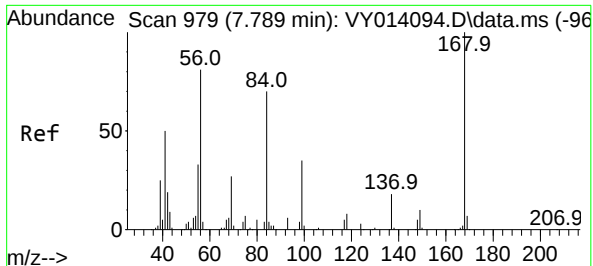
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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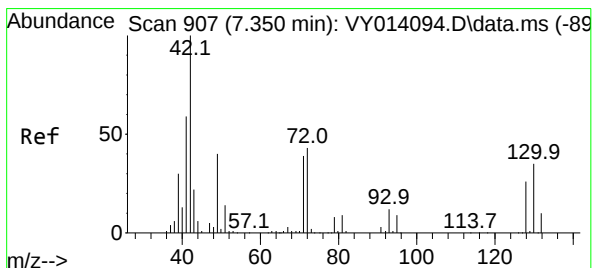
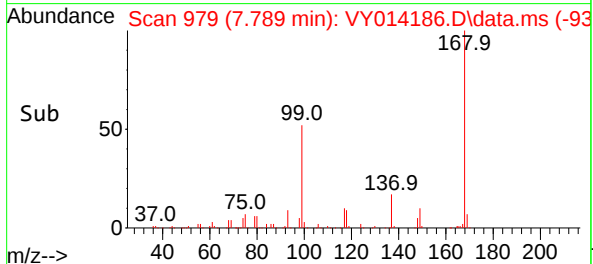
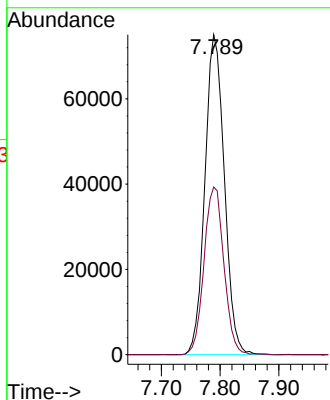
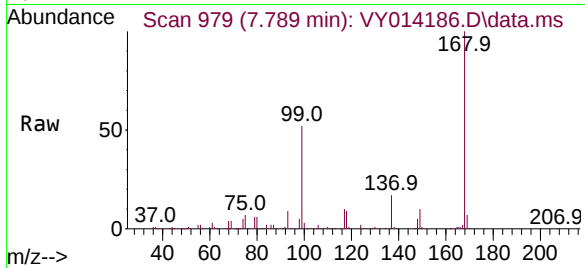




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

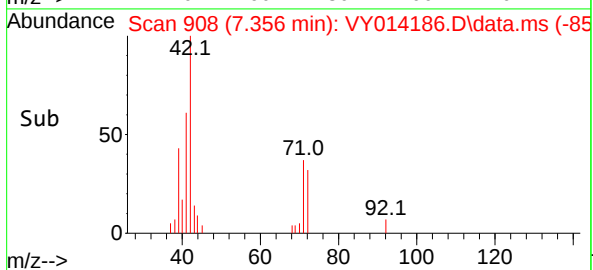
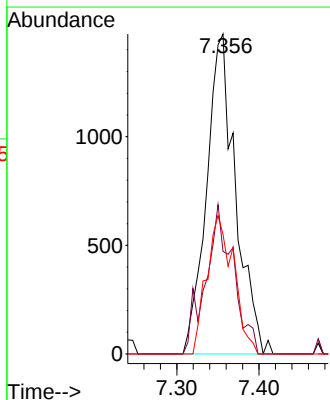
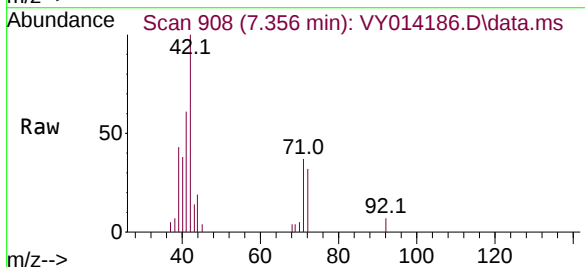
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-26

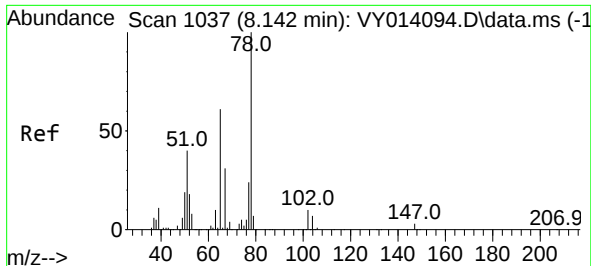
Tgt Ion:168 Resp: 172393
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.402 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

Tgt Ion: 42 Resp: 3616
Ion Ratio Lower Upper
42 100
72 44.5 32.8 49.2
71 40.3 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.400 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014186.D

Acq: 15 Jun 2023 13:56

Instrument :

MSVOA_Y

ClientSampleId :

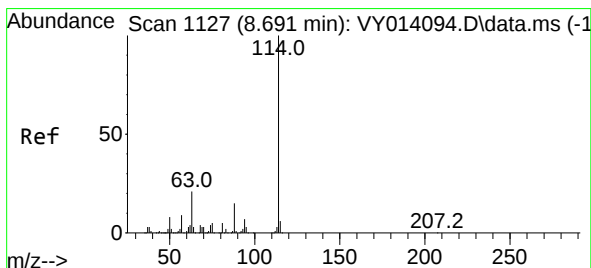
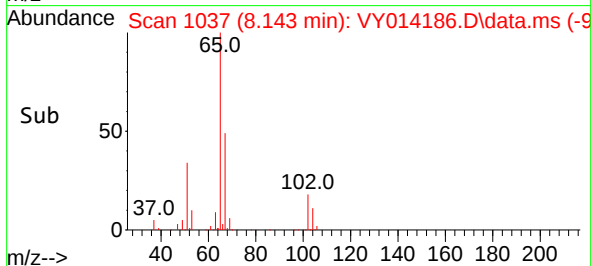
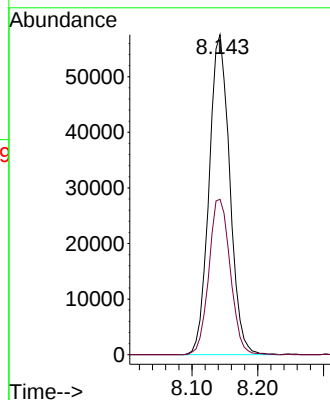
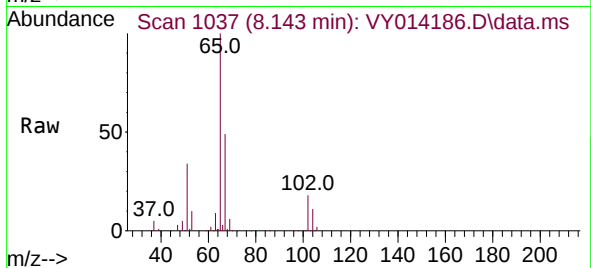
TOTAL-VOC-GRAB-4-SB-26

Tgt Ion: 65 Resp: 125792

Ion Ratio Lower Upper

65 100

67 50.3 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: VY014186.D

Acq: 15 Jun 2023 13:56

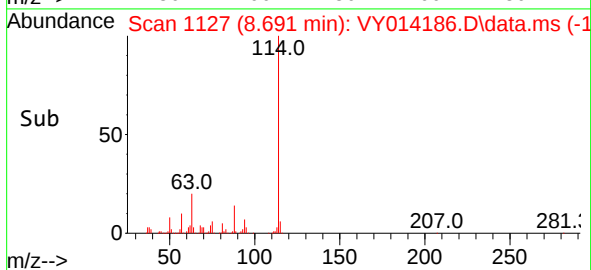
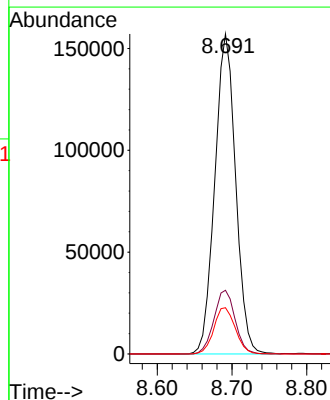
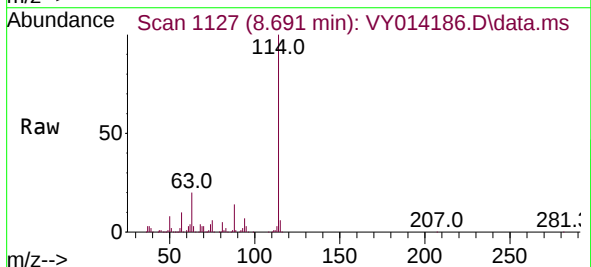
Tgt Ion: 114 Resp: 304437

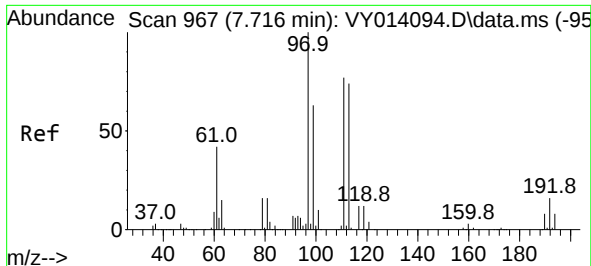
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.5 0.0 30.6

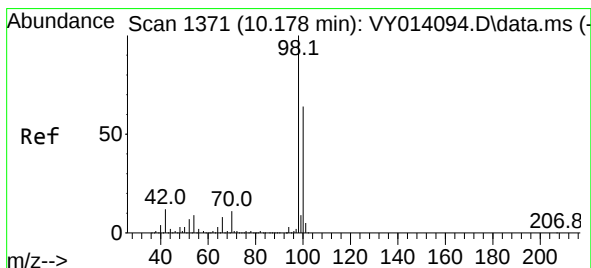
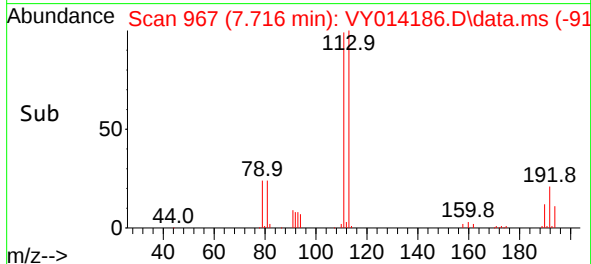
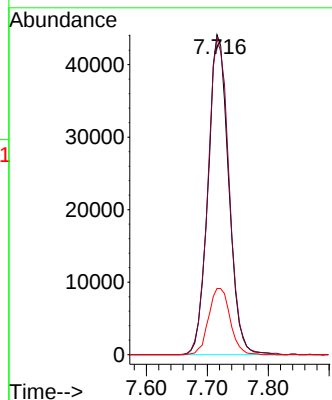
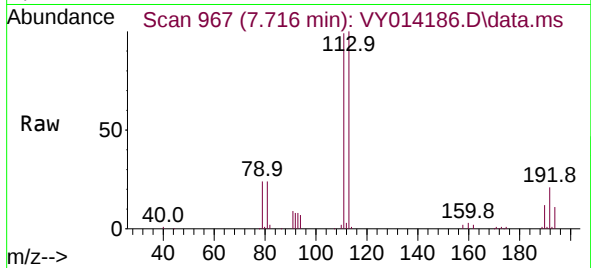




#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

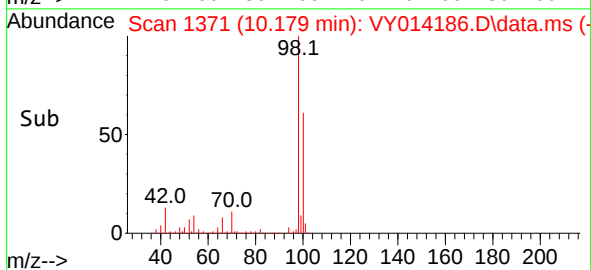
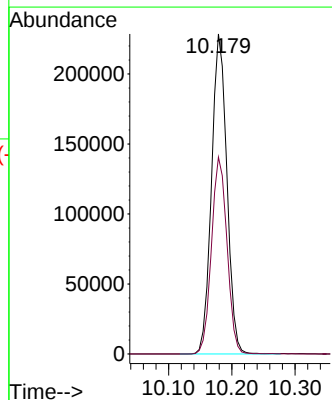
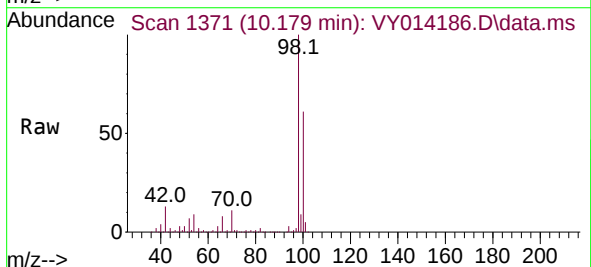
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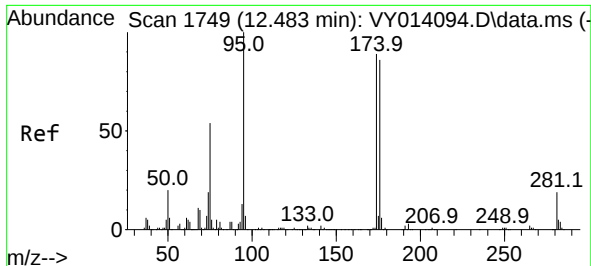
Tgt Ion:113 Resp: 103784
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.6 16.9 25.3



#50
Toluene-d8
Concen: 47.795 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

Tgt Ion: 98 Resp: 385787
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

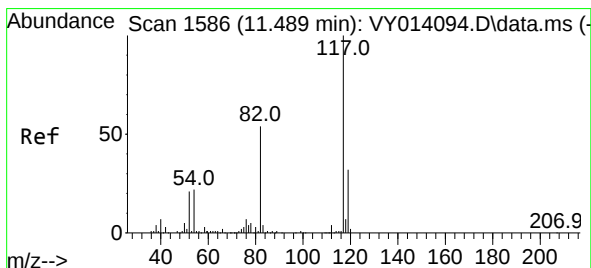
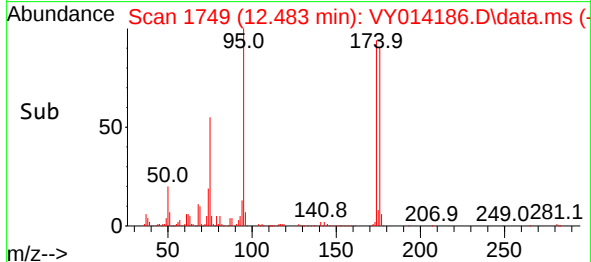
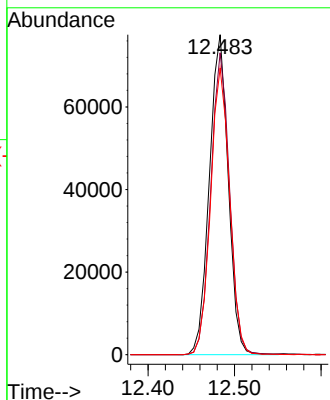
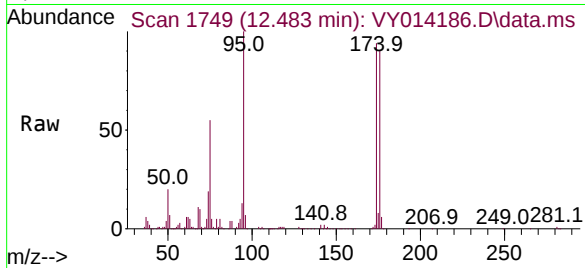




#62
4-Bromofluorobenzene
Concen: 40.945 ug/l
RT: 12.483 min Scan# 117400
Delta R.T. 0.000 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

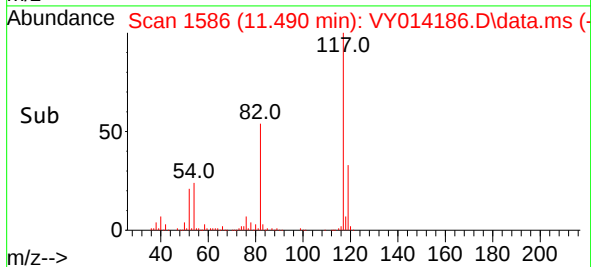
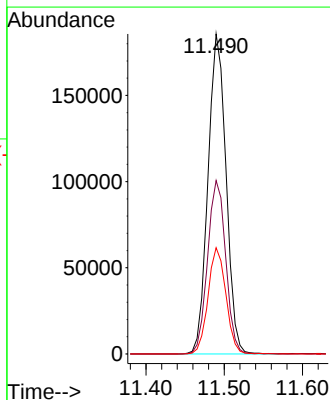
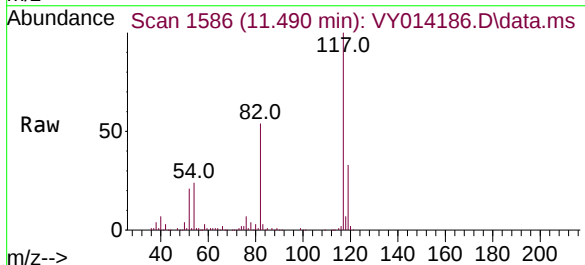
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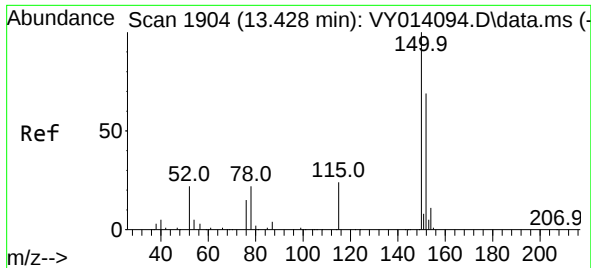
Tgt Ion: 95 Resp: 117400
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 90.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014186.D
Acq: 15 Jun 2023 13:56

Tgt Ion: 117 Resp: 297530
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 33.2 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: VY014186.D

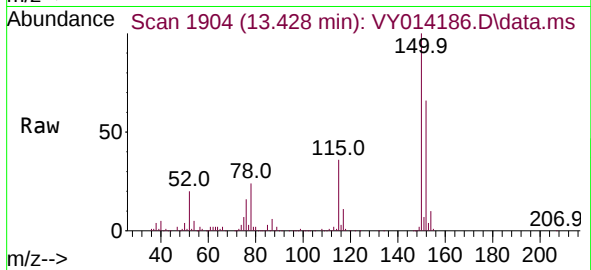
Acq: 15 Jun 2023 13:56

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-4-SB-26



Tgt Ion:152 Resp: 116723

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.1 0.0 348.8

