

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014213.D
 Acq On : 16 Jun 2023 19:08
 Operator : KP/MD
 Sample : 03255-05
 Misc : 11.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-6

Quant Time: Jun 16 23:25:11 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)

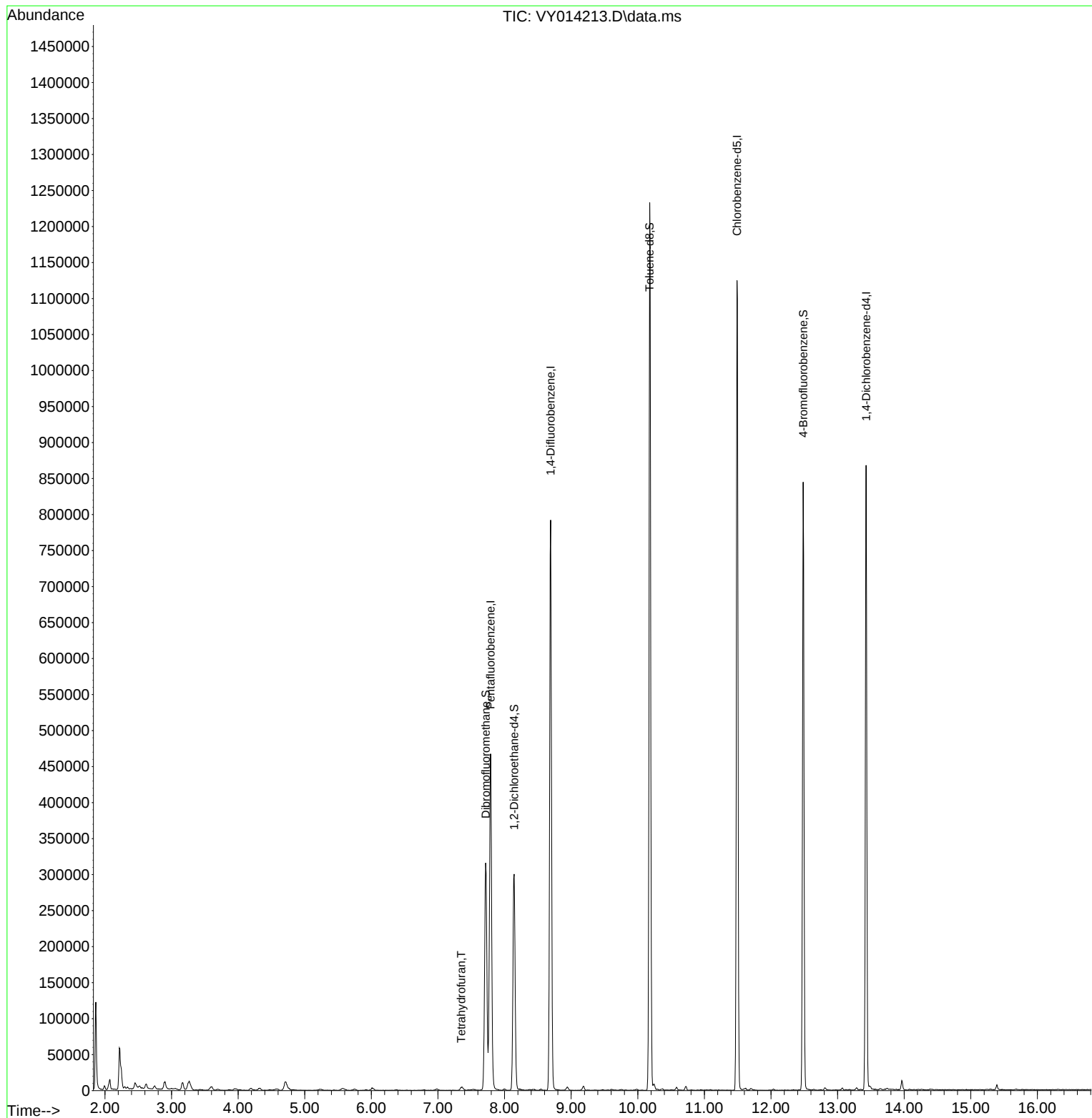
Internal Standards						
1) Pentafluorobenzene	7.789	168	354654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	640899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	601825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	251786	50.983	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	101.960%	
35) Dibromofluoromethane	7.716	113	213747	47.028	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	94.060%	
50) Toluene-d8	10.179	98	782428	46.046	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	92.100%	
62) 4-Bromofluorobenzene	12.483	95	232085	38.449	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	76.900%	
Target Compounds						
29) Tetrahydrofuran	7.350	42	3176	2.733	ug/l	Qvalue 94

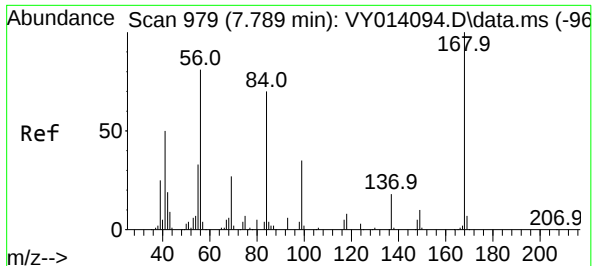
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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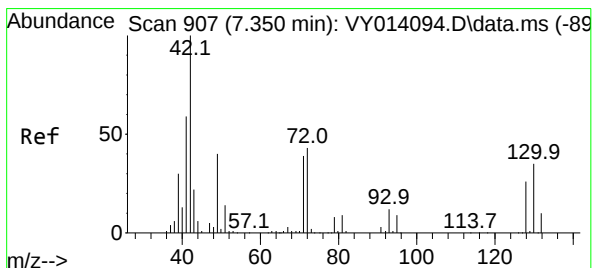
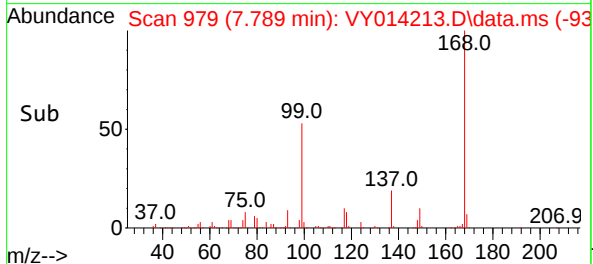
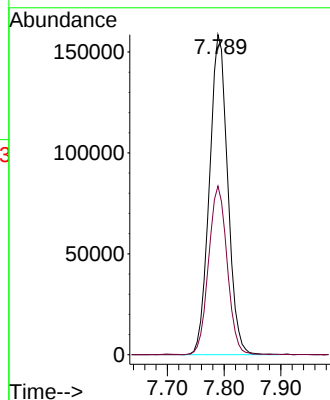
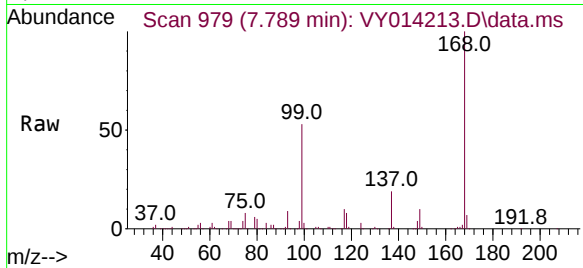




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

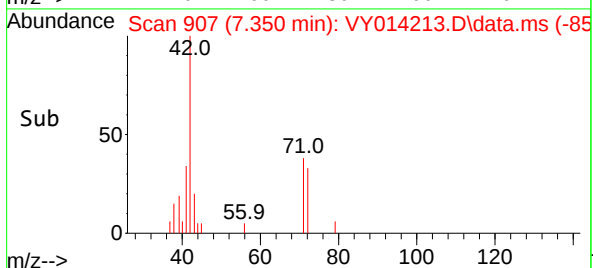
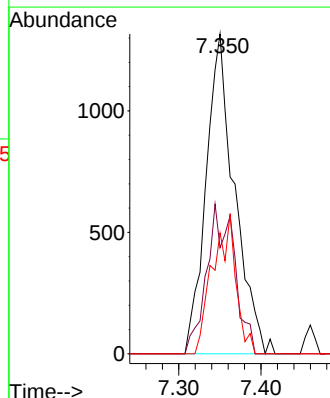
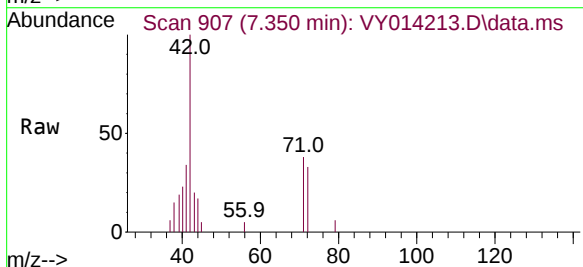
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-6

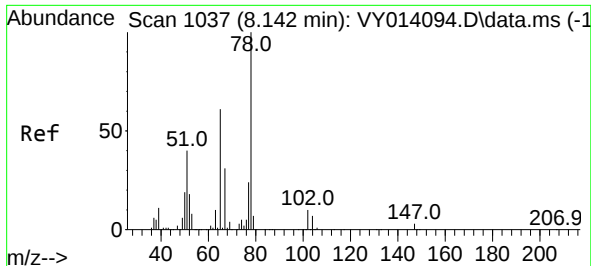
Tgt Ion:168 Resp: 354654
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#29
Tetrahydrofuran
Concen: 2.733 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

Tgt Ion: 42 Resp: 3176
Ion Ratio Lower Upper
42 100
72 45.3 32.8 49.2
71 35.5 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014213.D

Acq: 16 Jun 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

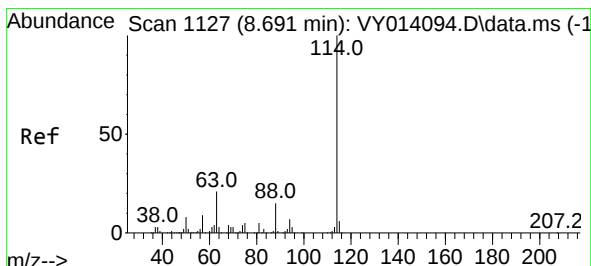
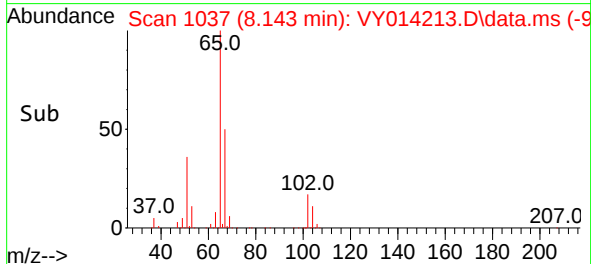
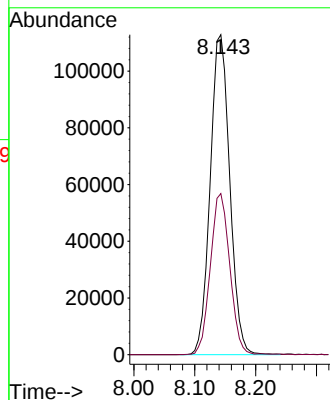
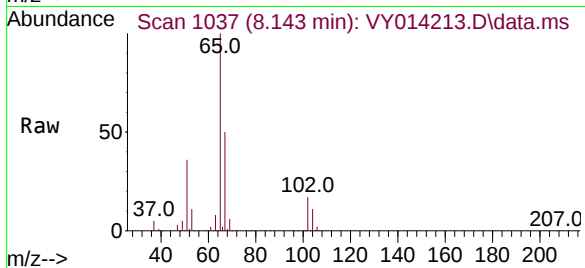
TOTAL-VOC-SB-24-GRAB-6

Tgt Ion: 65 Resp: 251786

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: VY014213.D

Acq: 16 Jun 2023 19:08

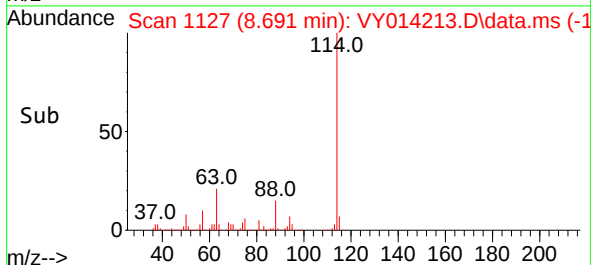
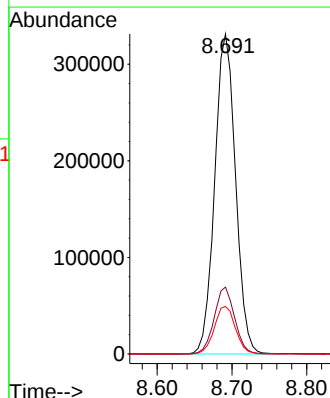
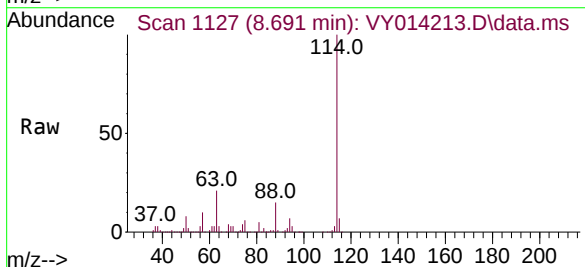
Tgt Ion: 114 Resp: 640899

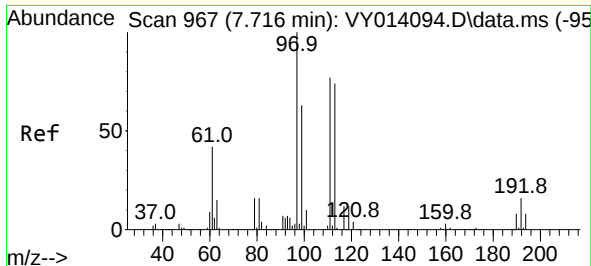
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 14.9 0.0 30.6

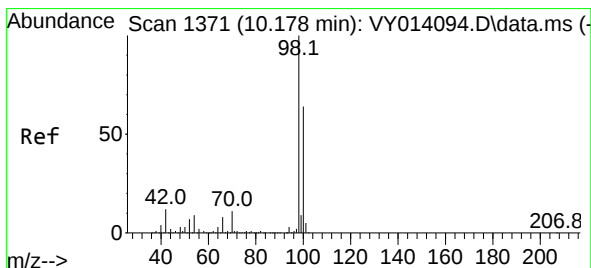
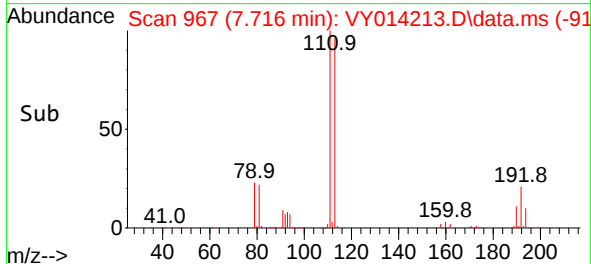
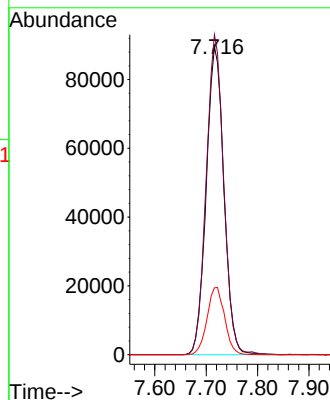
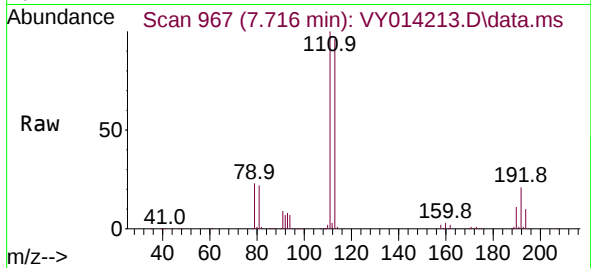




#35
Dibromofluoromethane
Concen: 47.028 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

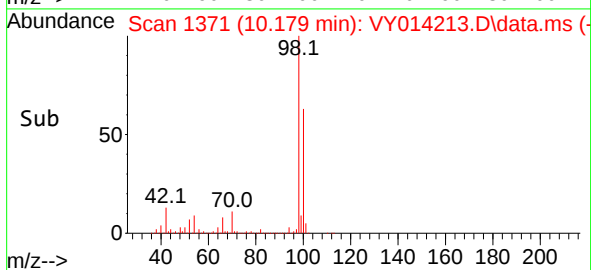
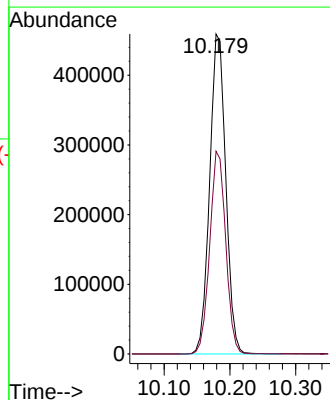
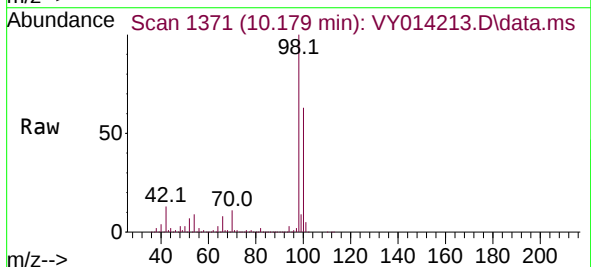
Instrument :
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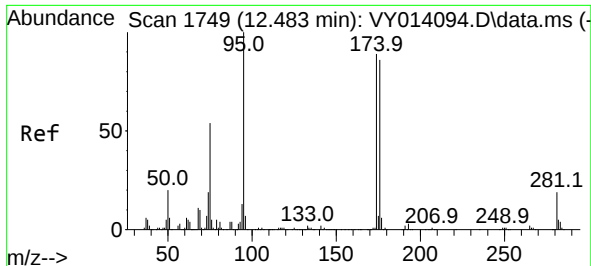
Tgt Ion:113 Resp: 213747
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 46.046 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

Tgt Ion: 98 Resp: 782428
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

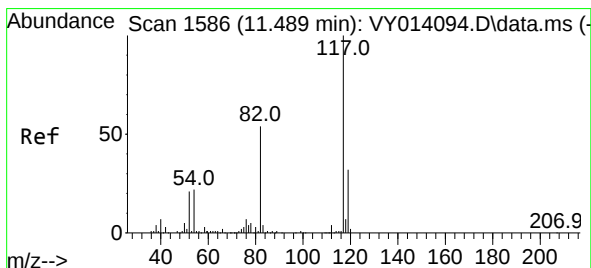
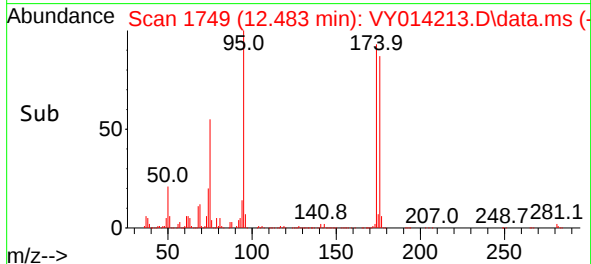
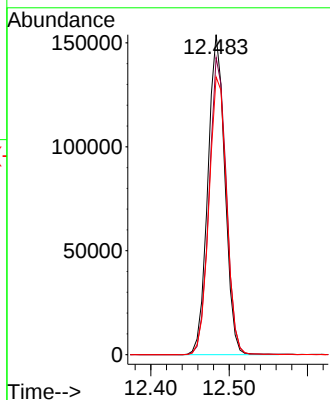
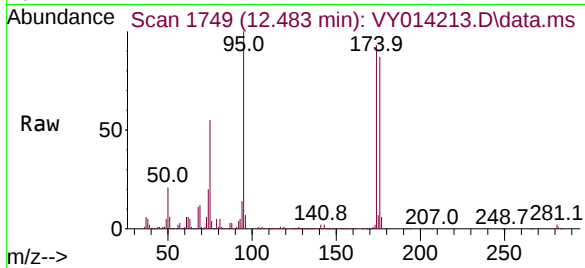




#62
4-Bromofluorobenzene
Concen: 38.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

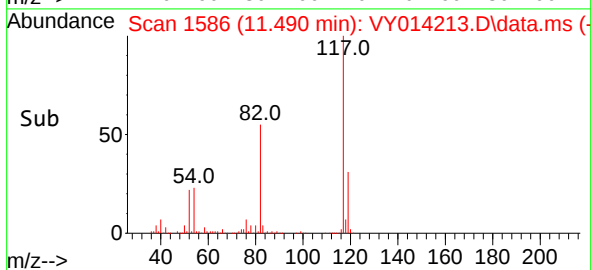
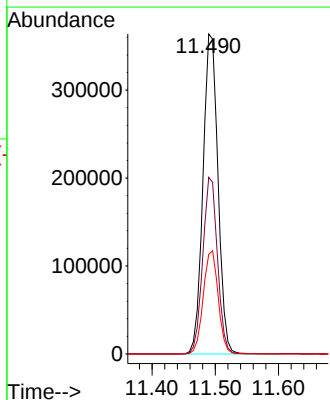
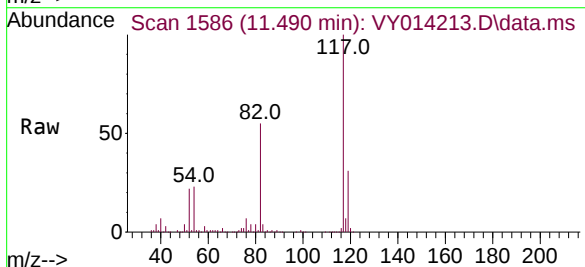
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TOTAL-VOC-SB-24-GRAB-6

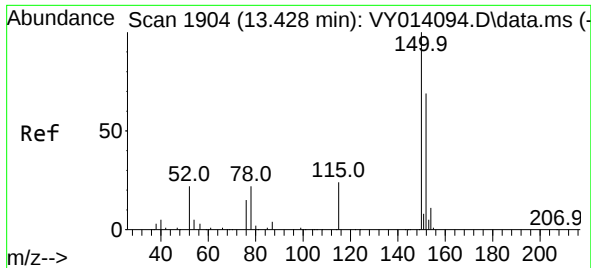
Tgt Ion: 95 Resp: 232085
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 90.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014213.D
Acq: 16 Jun 2023 19:08

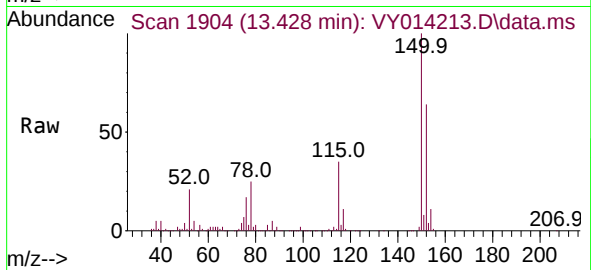
Tgt Ion: 117 Resp: 601825
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014213.D
 Acq: 16 Jun 2023 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-6



Tgt Ion:152 Resp: 216743
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 155.6 0.0 348.8

