

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014194.D
 Acq On : 15 Jun 2023 17:03
 Operator : KP/MD
 Sample : 03223-18
 Misc : 8.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-7

Quant Time: Jun 16 02:10:44 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)

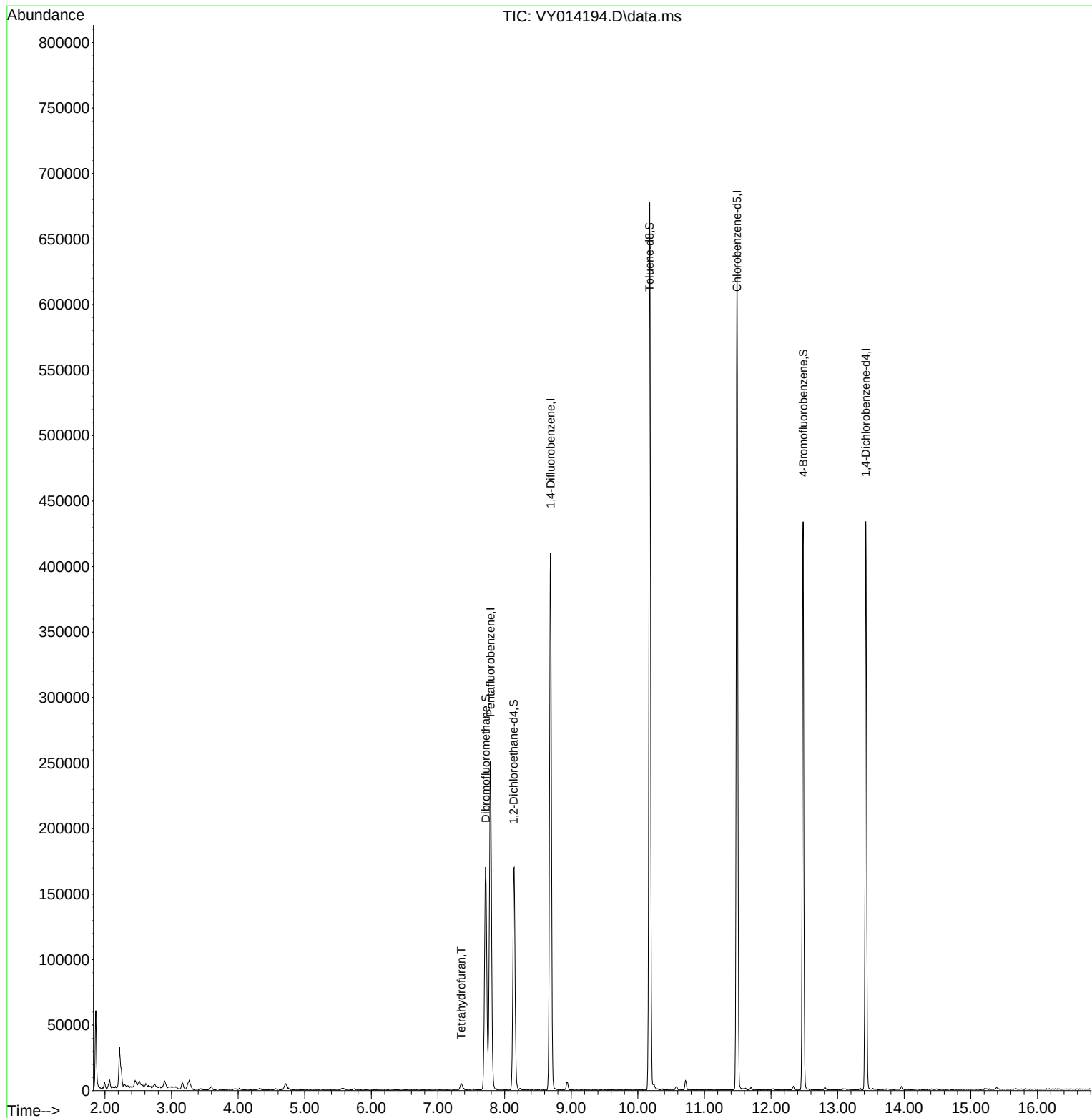
Internal Standards						
1) Pentafluorobenzene	7.789	168	191250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143573	53.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.820%			
35) Dibromofluoromethane	7.716	113	116053	48.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.020%			
50) Toluene-d8	10.179	98	430581	47.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.280%			
62) 4-Bromofluorobenzene	12.483	95	121265	37.773	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 75.540%			
Target Compounds						
29) Tetrahydrofuran	7.350	42	3555	5.673	ug/l	Qvalue 96

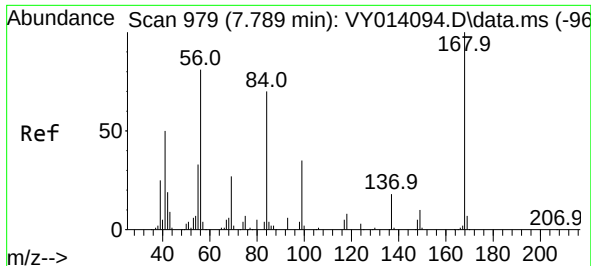
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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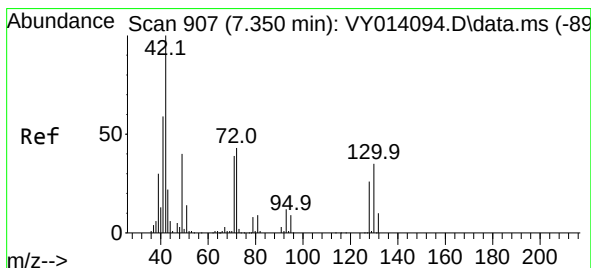
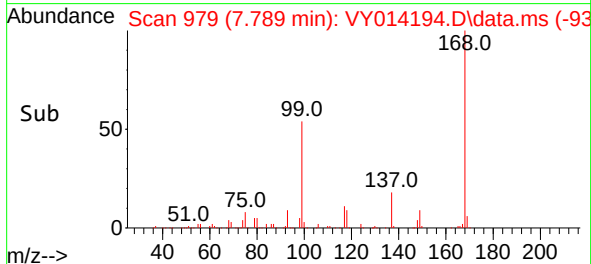
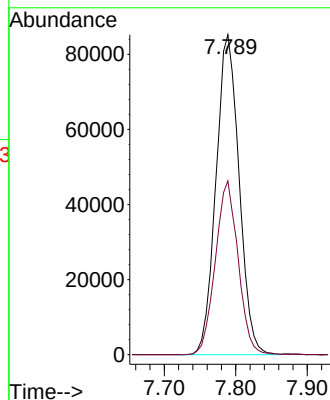
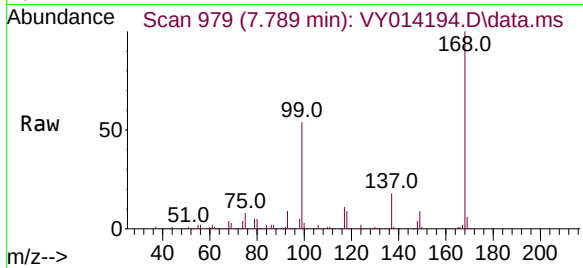




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

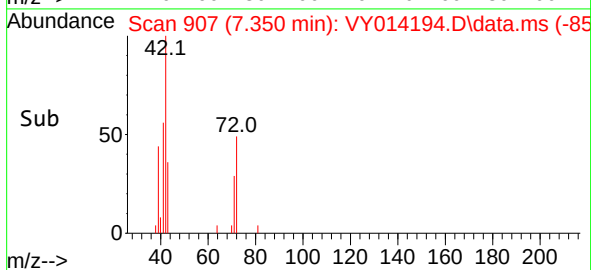
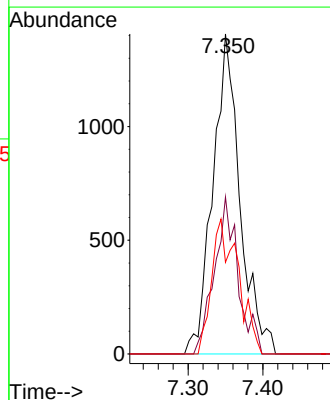
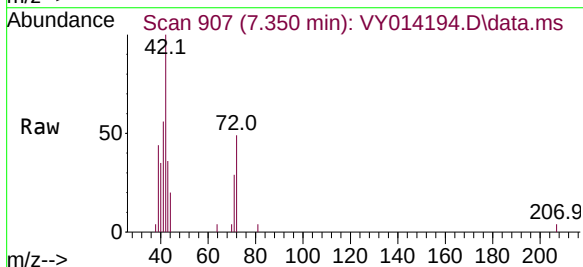
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-7

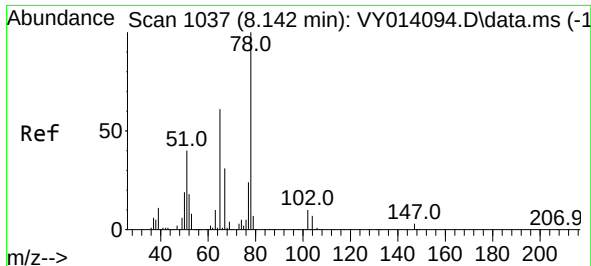
Tgt Ion:168 Resp: 191250
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.673 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

Tgt Ion: 42 Resp: 3555
Ion Ratio Lower Upper
42 100
72 42.9 32.8 49.2
71 41.2 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 53.910 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014194.D

Acq: 15 Jun 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

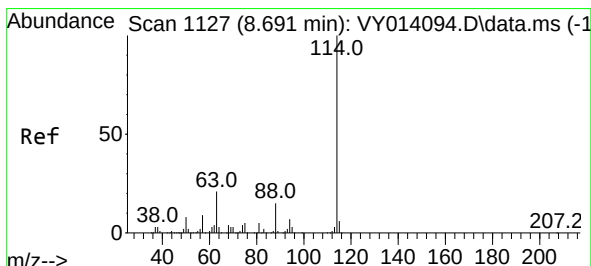
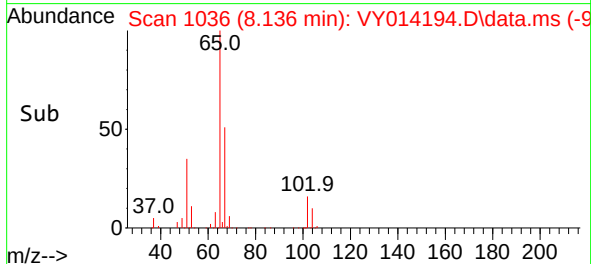
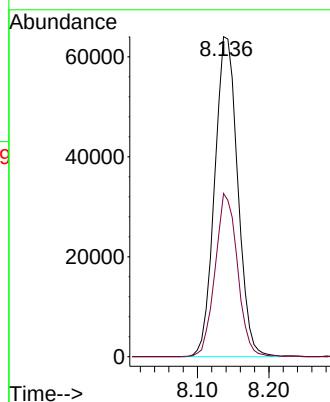
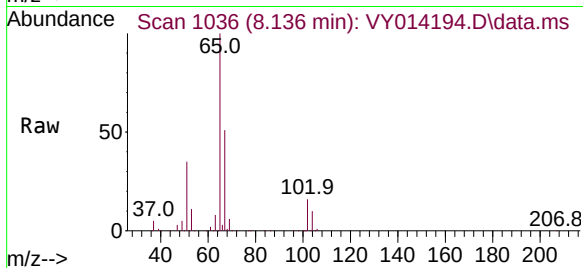
TOTAL-VOC-SB-11-GRAB-7

Tgt Ion: 65 Resp: 143573

Ion Ratio Lower Upper

65 100

67 49.6 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: VY014194.D

Acq: 15 Jun 2023 17:03

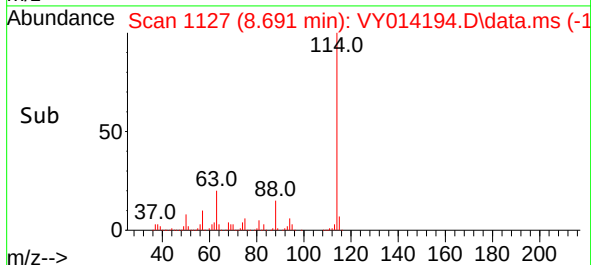
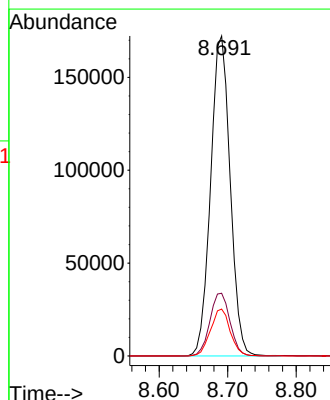
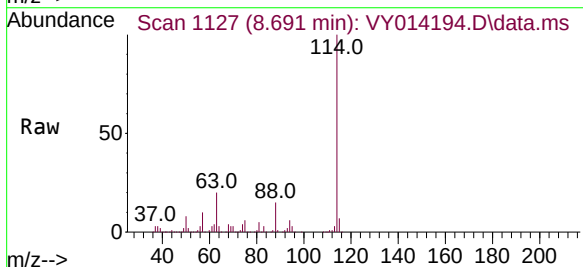
Tgt Ion:114 Resp: 340863

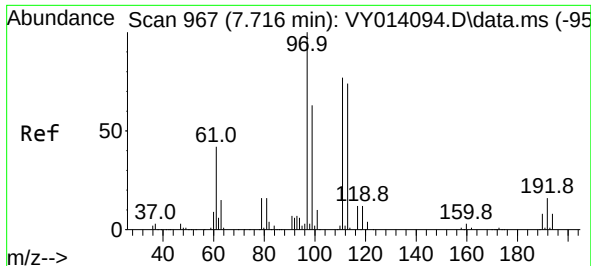
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.7 0.0 30.6

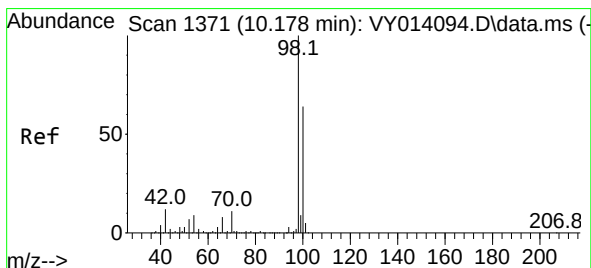
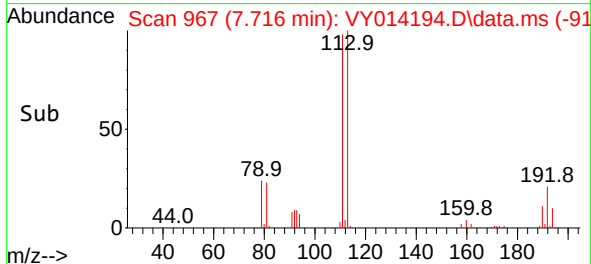
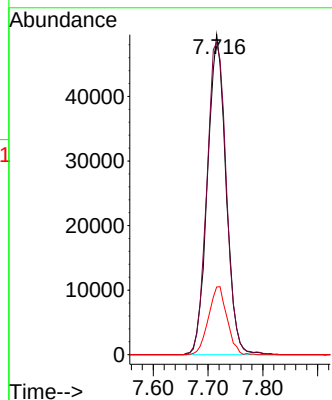
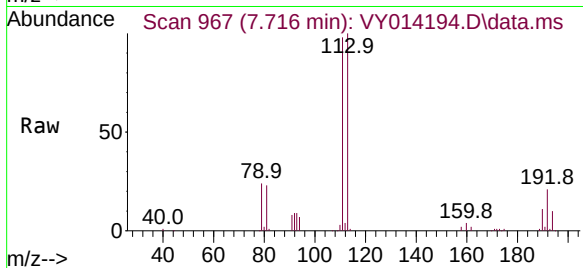




#35
Dibromofluoromethane
Concen: 48.009 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

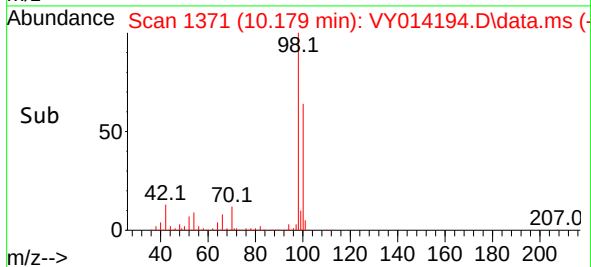
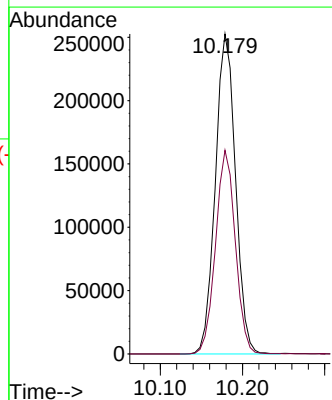
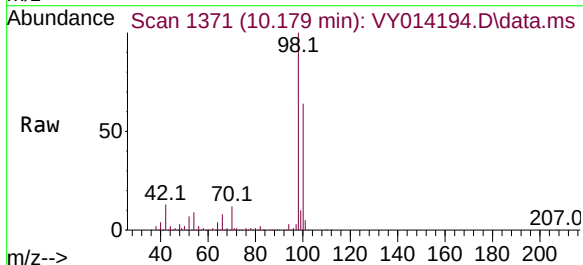
Instrument :
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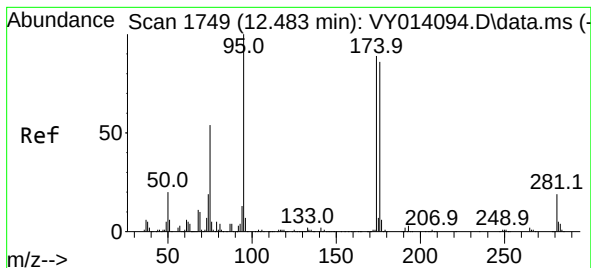
Tgt Ion:113 Resp: 116053
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 47.644 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

Tgt Ion: 98 Resp: 430581
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

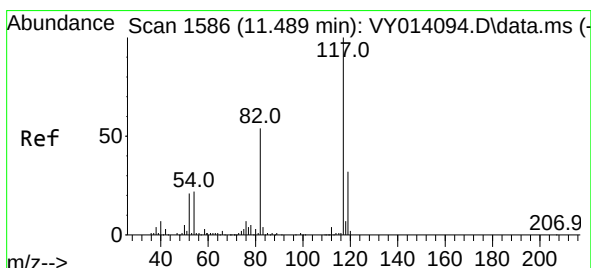
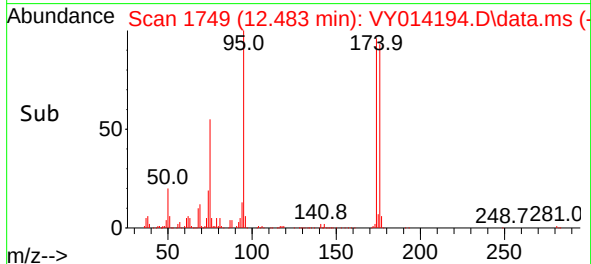
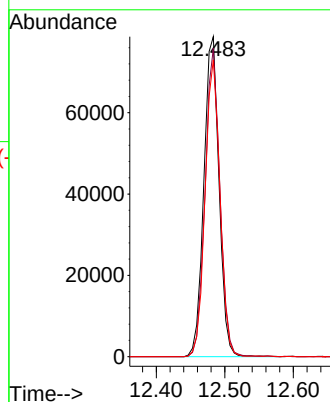
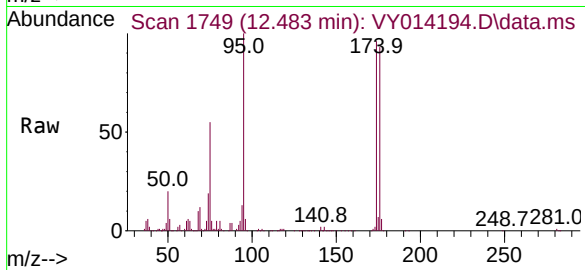




#62
4-Bromofluorobenzene
Concen: 37.773 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

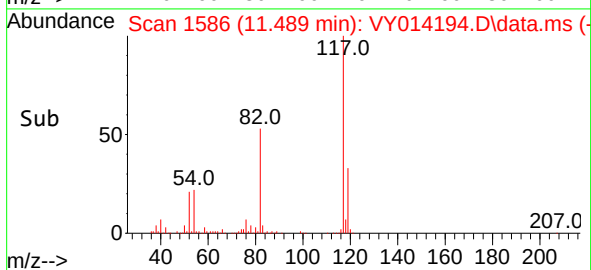
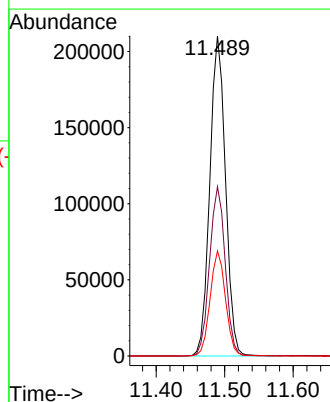
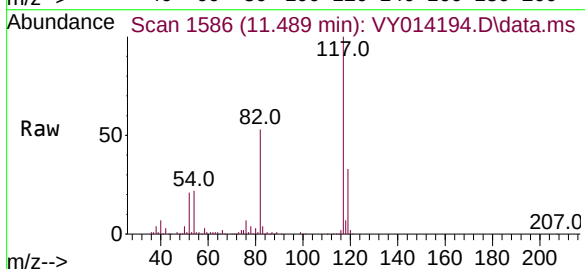
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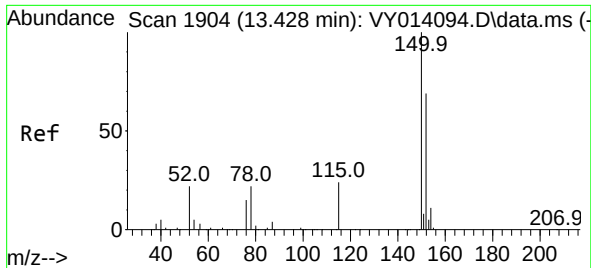
Tgt Ion: 95 Resp: 121265
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 91.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014194.D
Acq: 15 Jun 2023 17:03

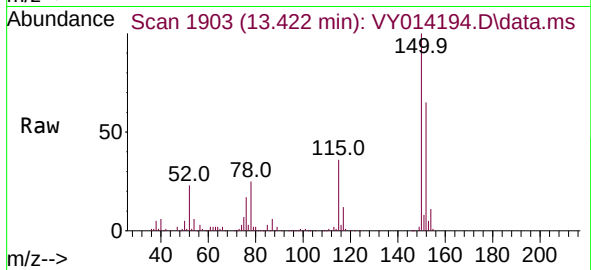
Tgt Ion: 117 Resp: 334532
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014194.D
 Acq: 15 Jun 2023 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-7



Tgt Ion:152 Resp: 110972
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.8 86.5
 150 155.5 0.0 348.8

