

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014390.D
 Acq On : 22 Jun 2023 19:33
 Operator : KP/MD
 Sample : 03330-12RE
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC01-GRAB-7RE

Quant Time: Jun 23 05:01:27 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)

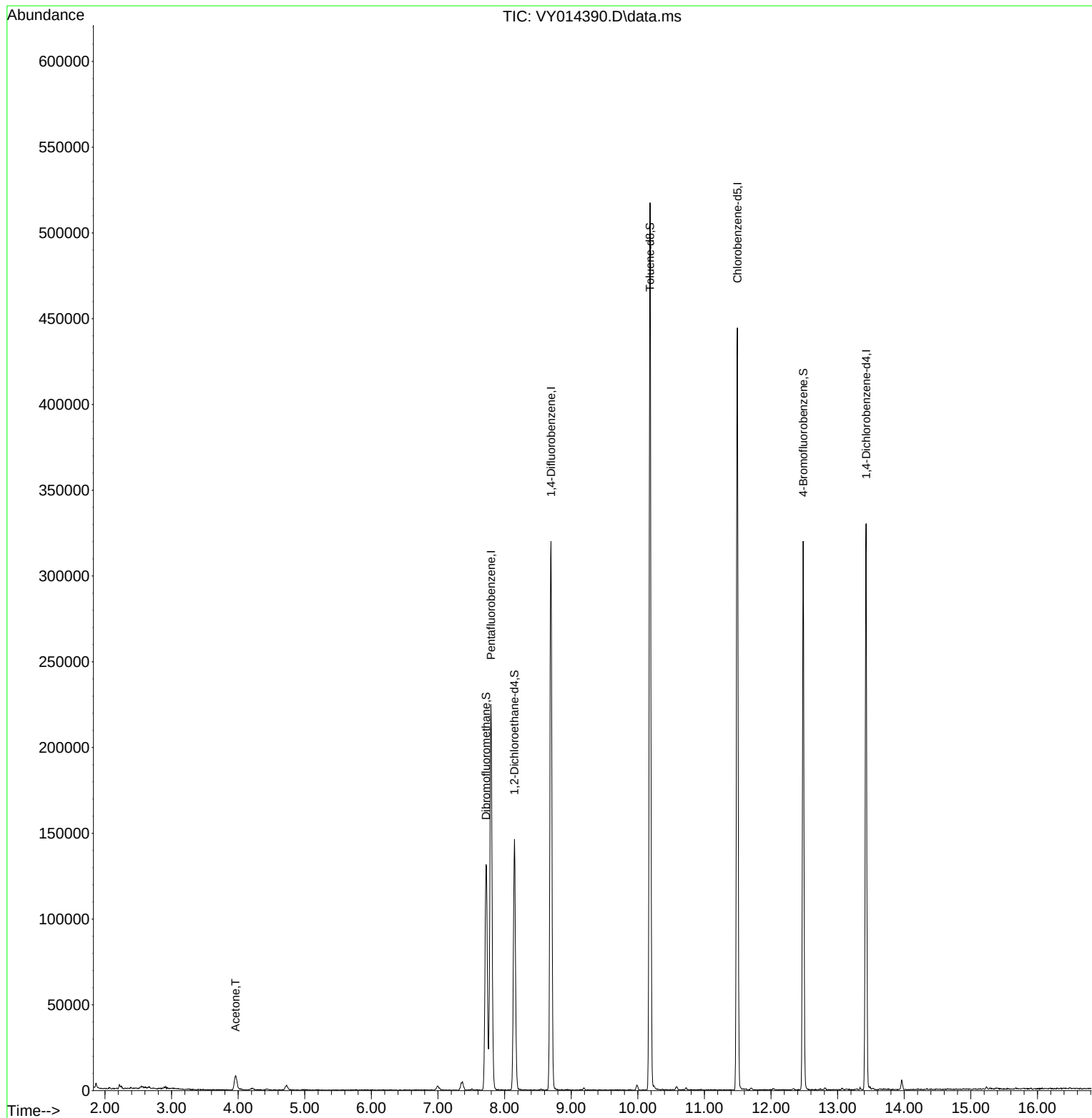
Internal Standards						
1) Pentafluorobenzene	7.795	168	176590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123705	50.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.722	113	91453	46.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.740%
50) Toluene-d8	10.185	98	331093	44.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.483	95	87685	33.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.960%
Target Compounds						
16) Acetone	3.960	43	15374	20.741	ug/l	Qvalue 91

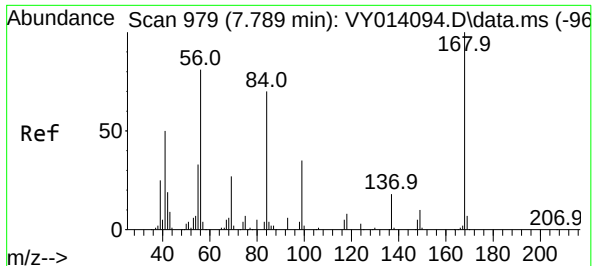
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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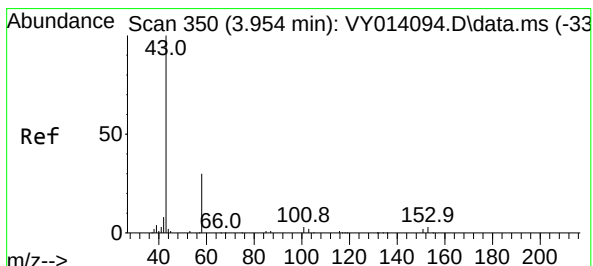
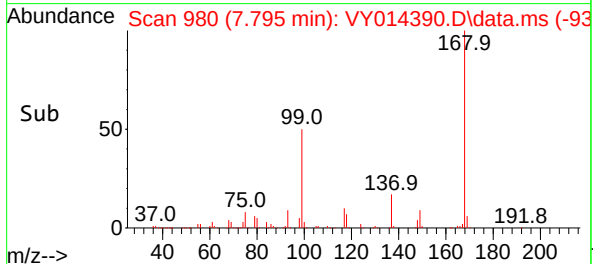
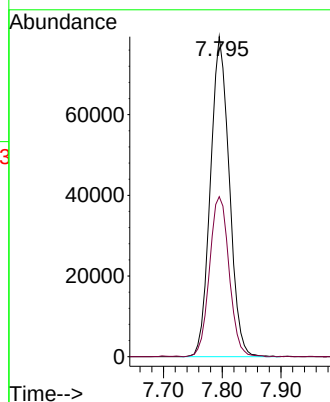
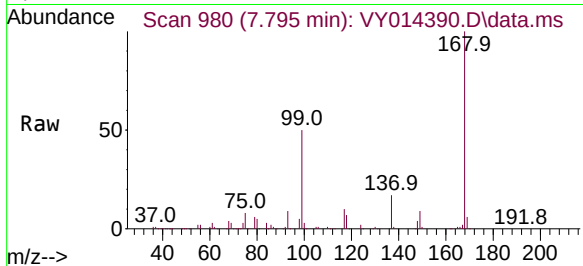




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

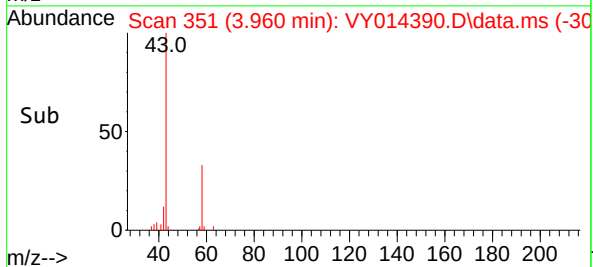
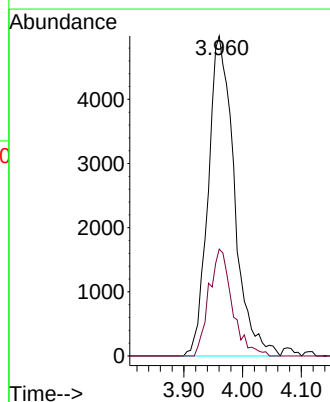
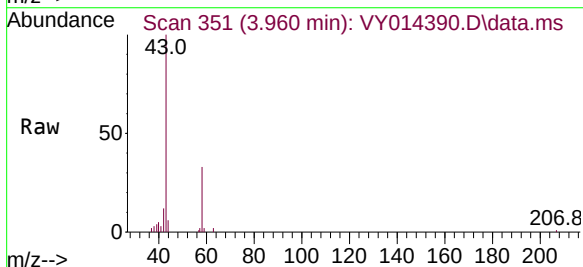
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-7RE

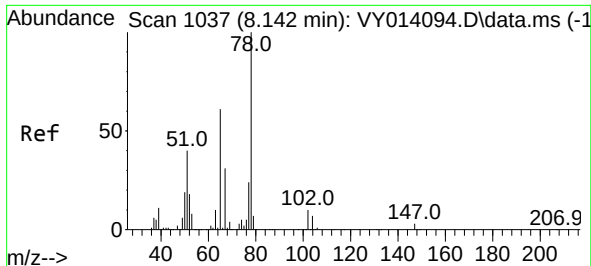
Tgt Ion:168 Resp: 176590
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#16
Acetone
Concen: 20.741 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

Tgt Ion: 43 Resp: 15374
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014390.D

Acq: 22 Jun 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

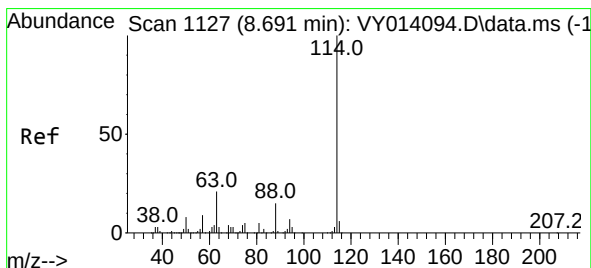
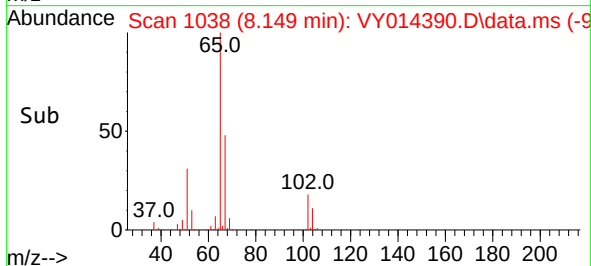
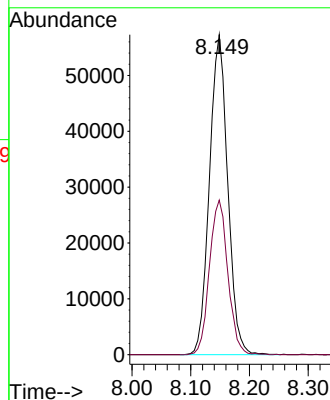
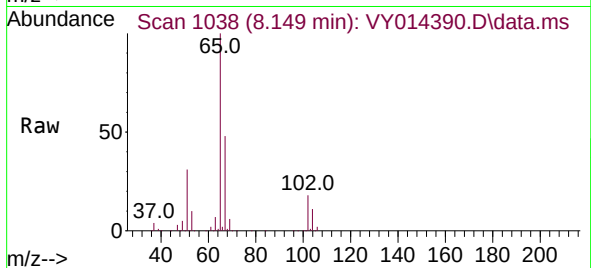
TOTAL-VOC-MC01-GRAB-7RE

Tgt Ion: 65 Resp: 123705

Ion Ratio Lower Upper

65 100

67 48.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014390.D

Acq: 22 Jun 2023 19:33

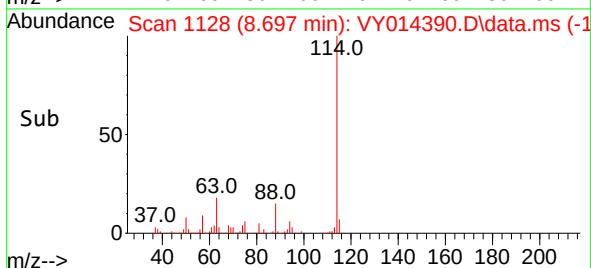
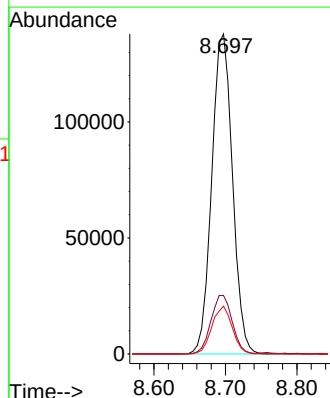
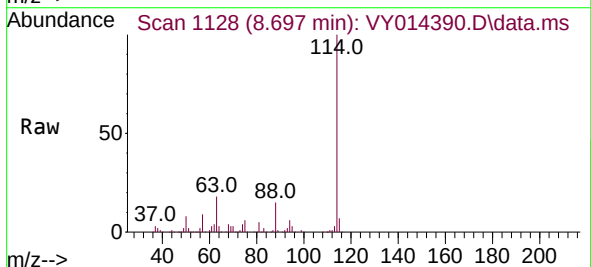
Tgt Ion: 114 Resp: 278077

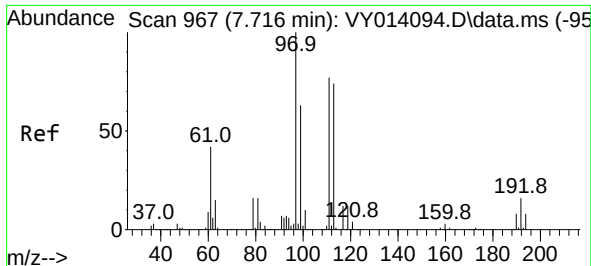
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.0 0.0 30.6

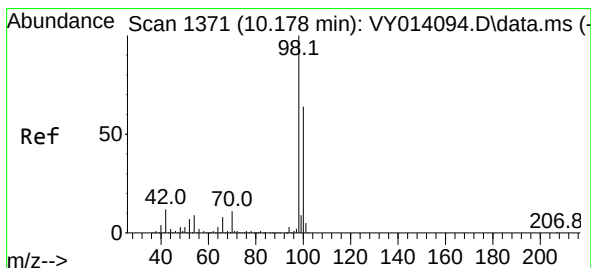
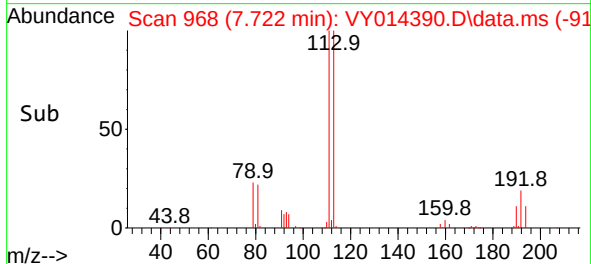
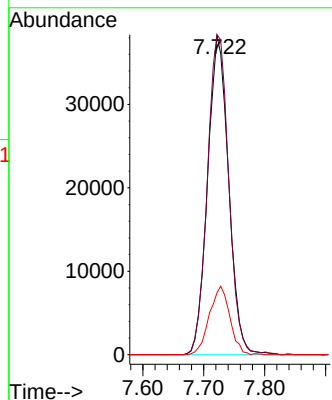
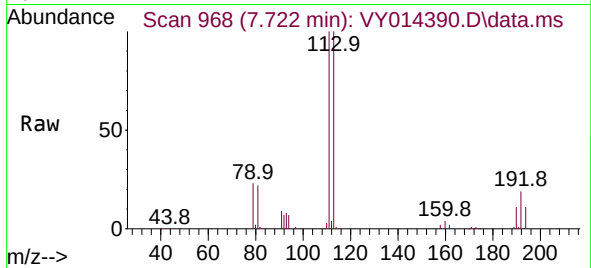




#35
Dibromofluoromethane
Concen: 46.374 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

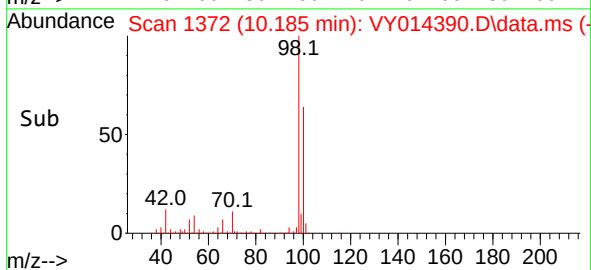
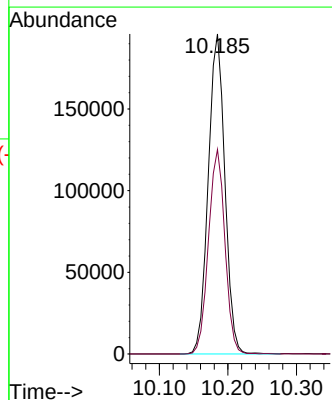
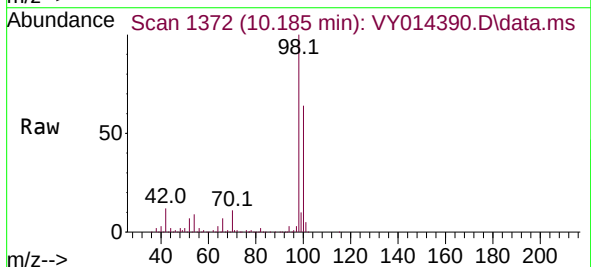
Instrument :
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TOTAL-VOC-MC01-GRAB-7RE

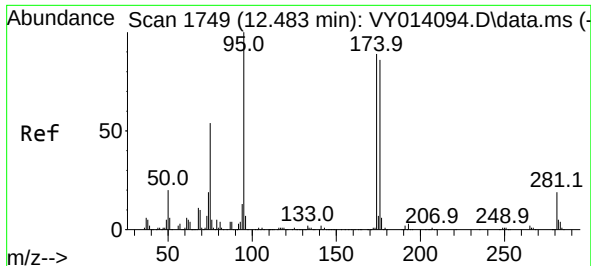
Tgt Ion:113 Resp: 91453
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.0 16.9 25.3



#50
Toluene-d8
Concen: 44.908 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

Tgt Ion: 98 Resp: 331093
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

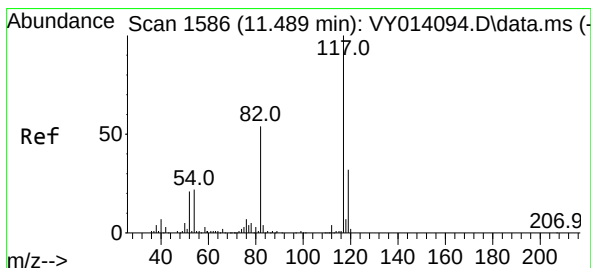
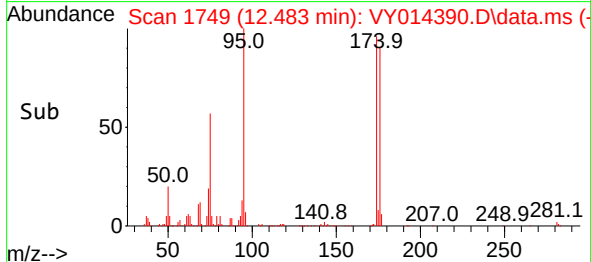
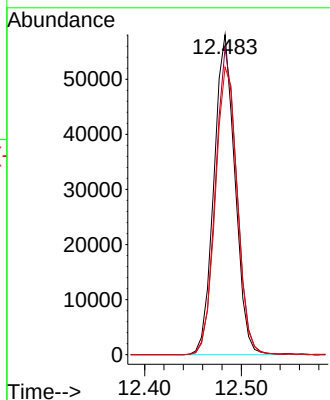
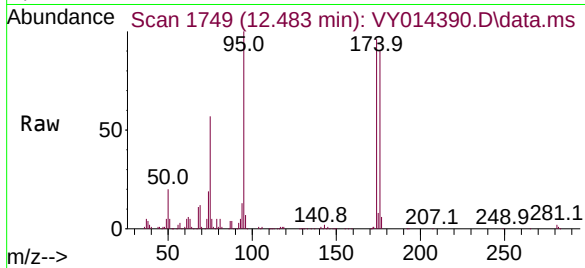




#62
4-Bromofluorobenzene
Concen: 33.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

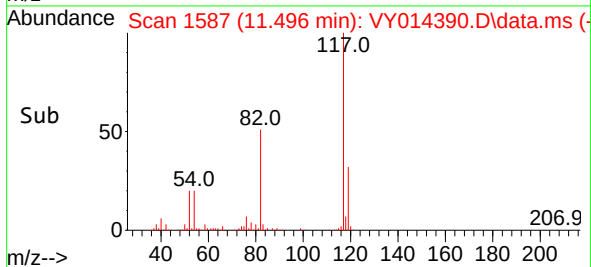
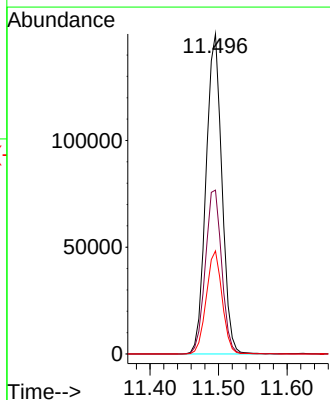
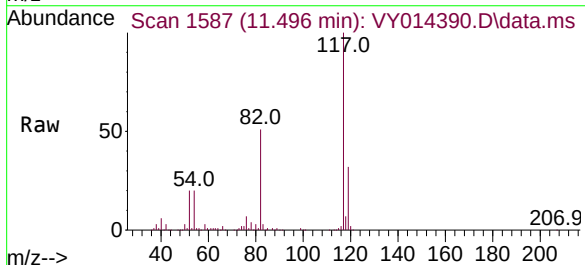
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ClientSampleId :
TOTAL-VOC-MC01-GRAB-7RE

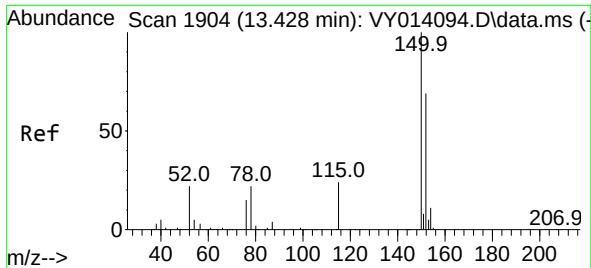
Tgt Ion: 95 Resp: 87685
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 94.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014390.D
Acq: 22 Jun 2023 19:33

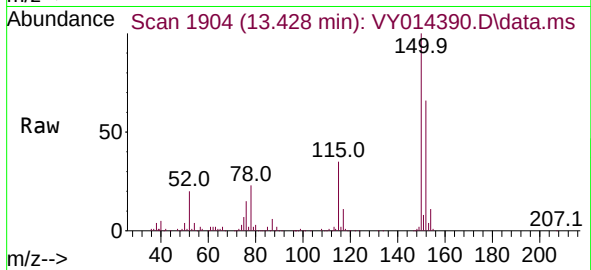
Tgt Ion: 117 Resp: 241683
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014390.D
 Acq: 22 Jun 2023 19:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC01-GRAB-7RE



Tgt Ion:152 Resp: 86490
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.8 86.5
 150 156.4 0.0 348.8

