

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015050.D
 Acq On : 11 Aug 2023 11:35
 Operator : SY/MD
 Sample : 03971-02
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP01A

Quant Time: Aug 12 04:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

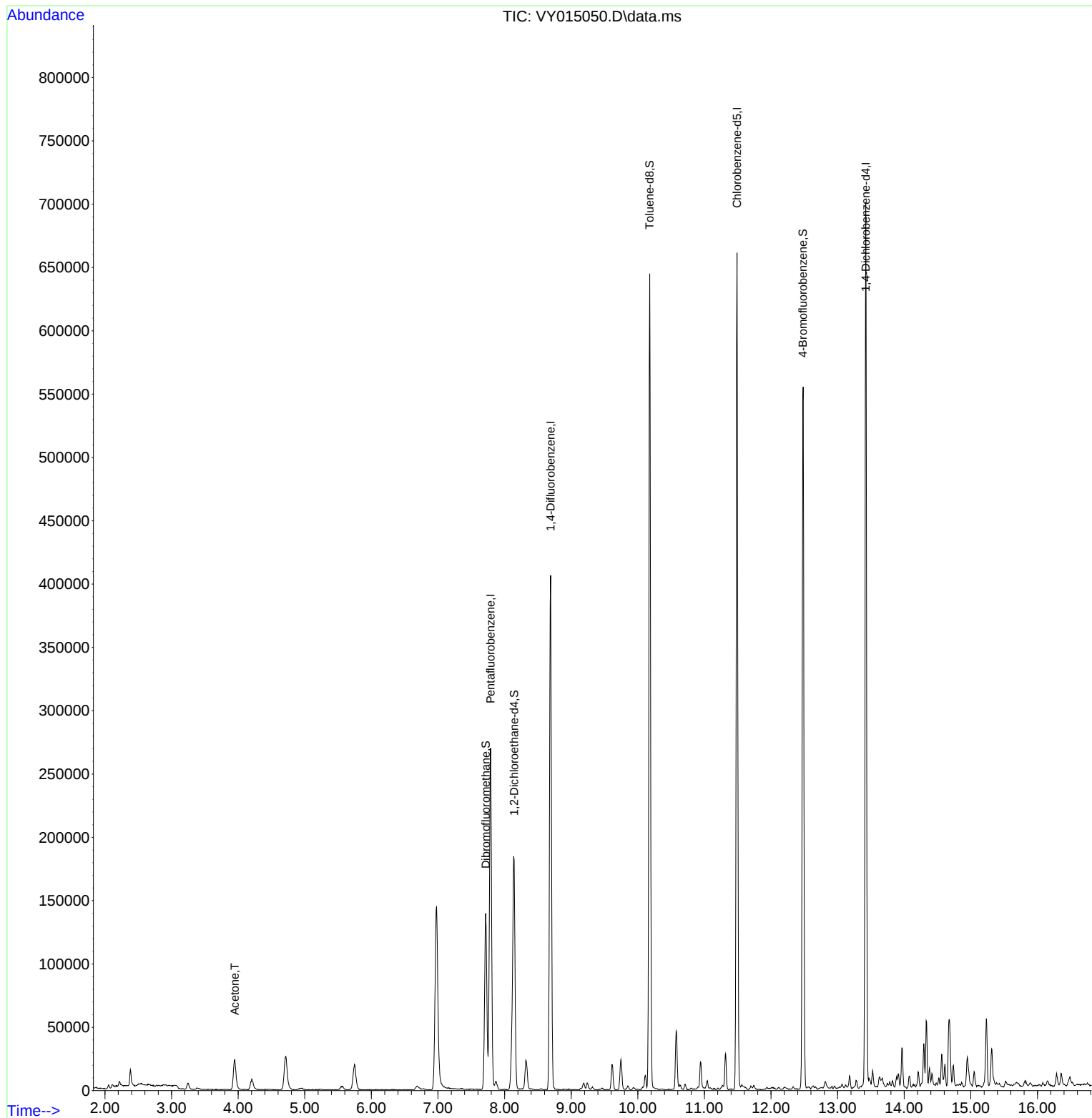
Internal Standards						
1) Pentafluorobenzene	7.789	168	208879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135425	53.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.980%	
35) Dibromofluoromethane	7.715	113	97333	42.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.620%	
50) Toluene-d8	10.178	98	422852	48.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.477	95	163304	53.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.480%	
Target Compounds						
16) Acetone	3.948	43	42092	53.318	ug/l	Qvalue 93

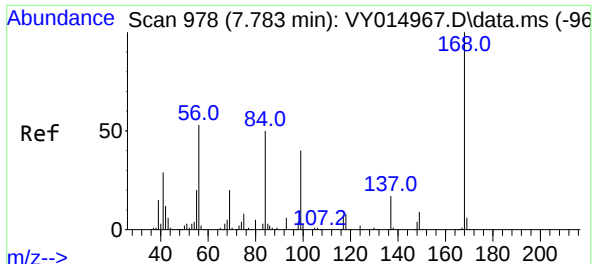
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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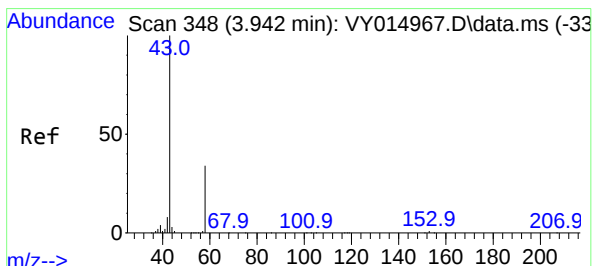
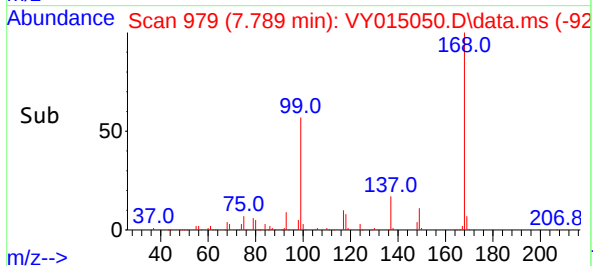
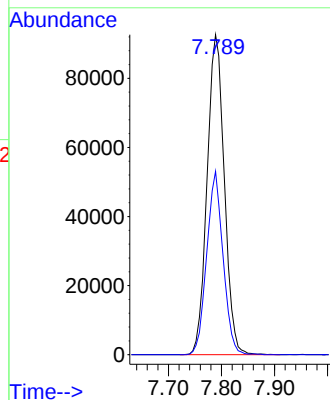
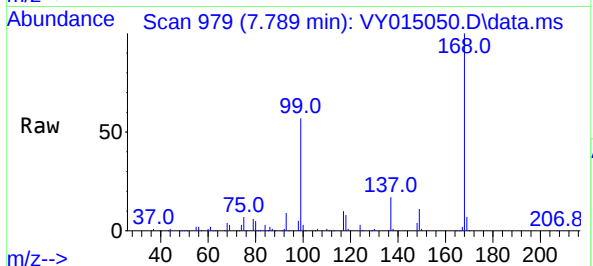




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

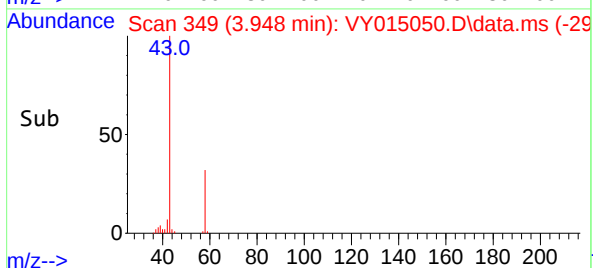
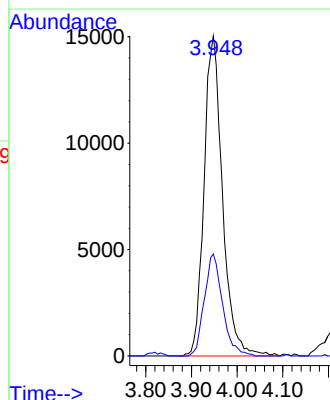
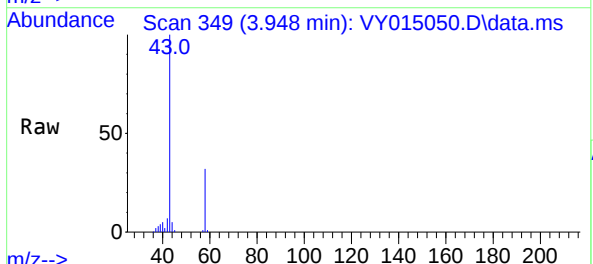
Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

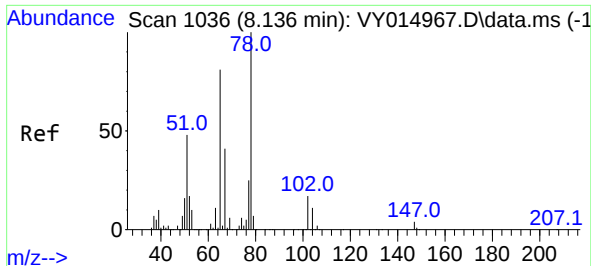
Tgt Ion:168 Resp: 208879
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#16
Acetone
Concen: 53.318 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

Tgt Ion: 43 Resp: 42092
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.492 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015050.D

Acq: 11 Aug 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

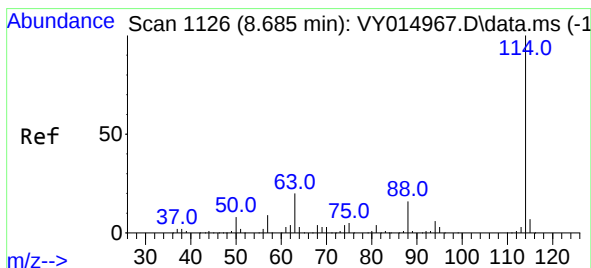
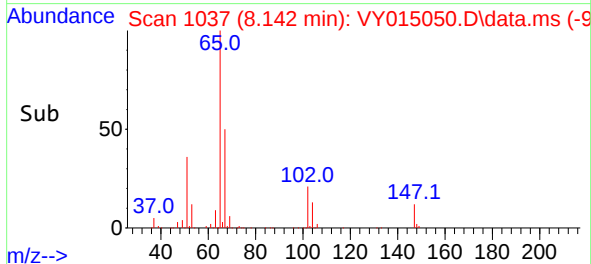
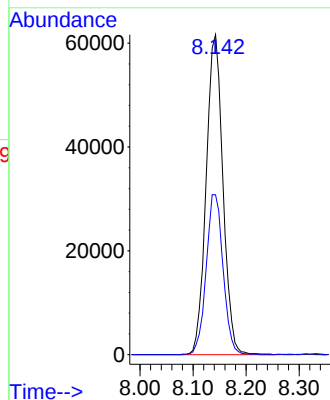
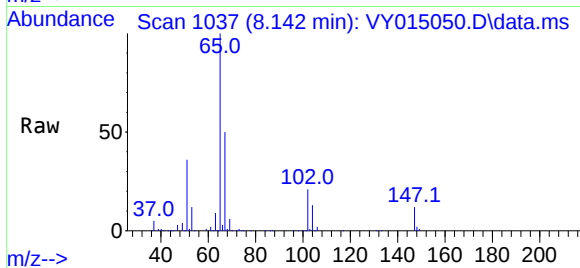
B-PP01A

Tgt Ion: 65 Resp: 135425

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015050.D

Acq: 11 Aug 2023 11:35

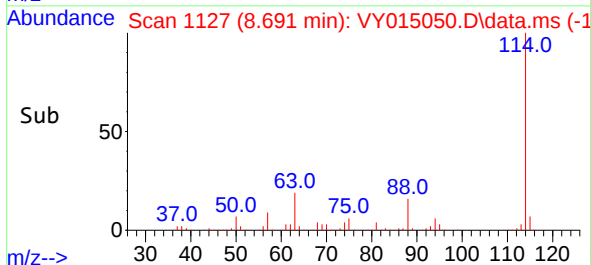
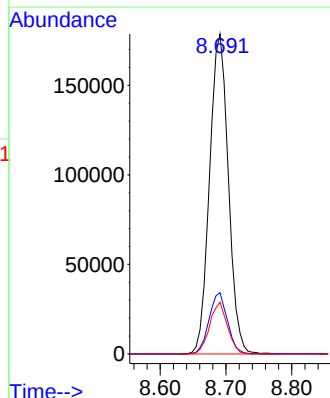
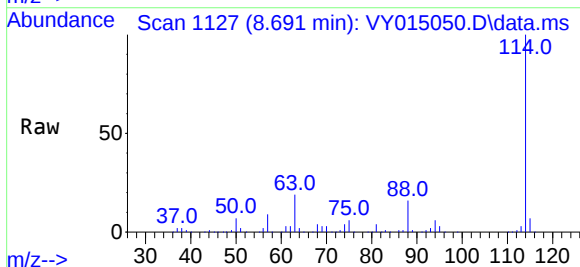
Tgt Ion: 114 Resp: 355551

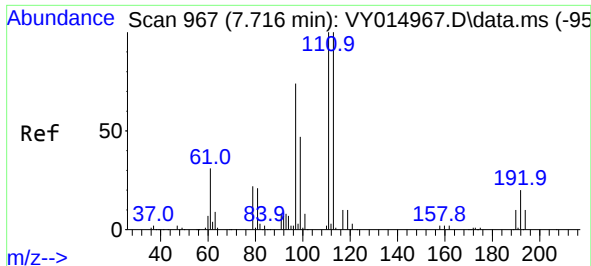
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 16.2 0.0 30.6

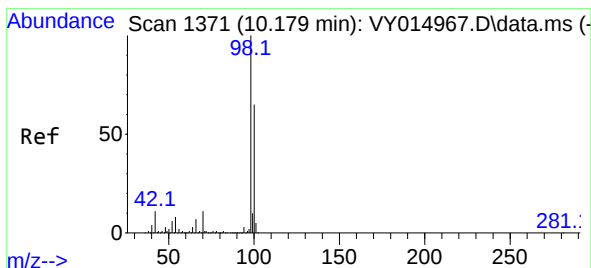
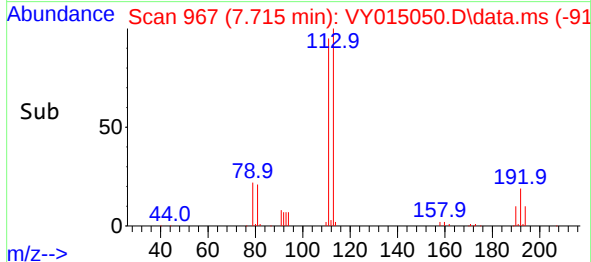
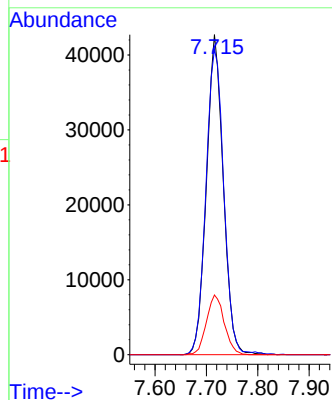
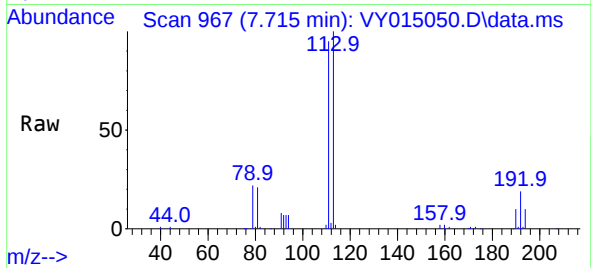




#35
Dibromofluoromethane
Concen: 42.809 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

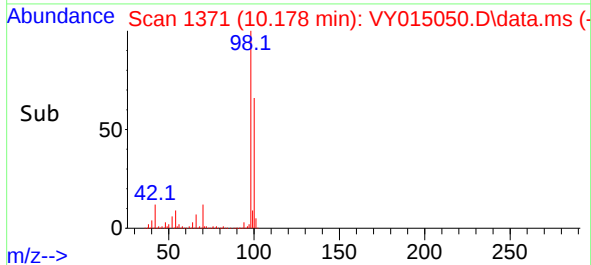
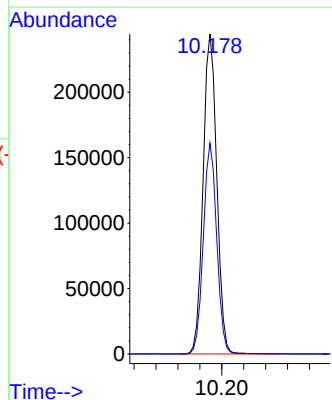
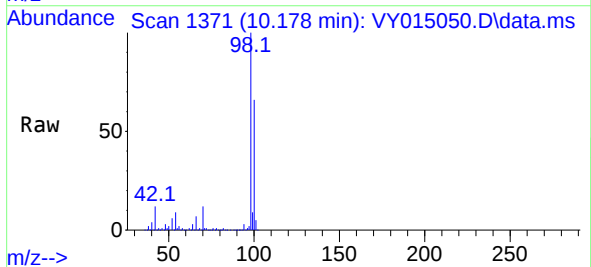
Instrument :
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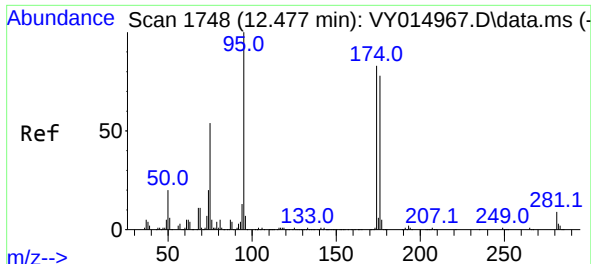
Tgt Ion:113 Resp: 97333
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 48.861 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

Tgt Ion: 98 Resp: 422852
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

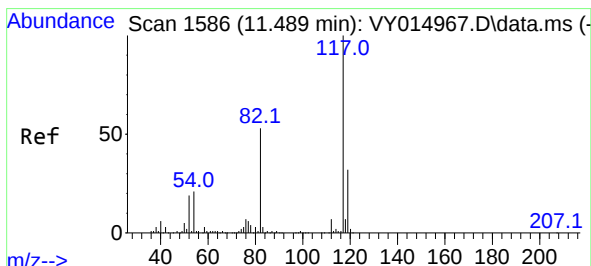
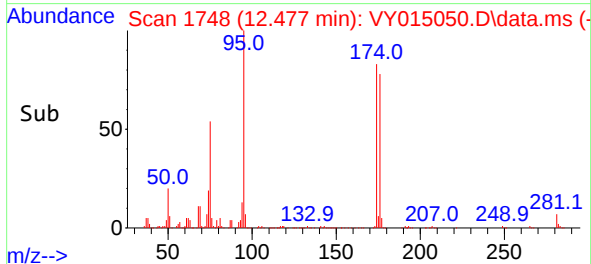
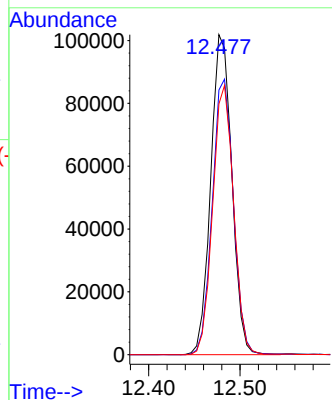
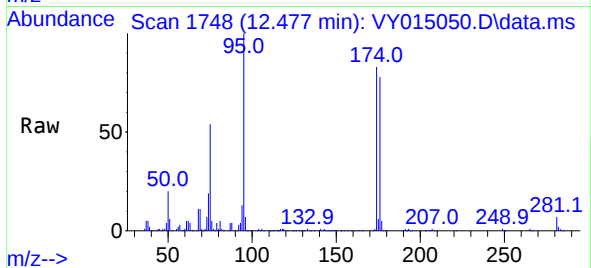




#62
4-Bromofluorobenzene
Concen: 53.242 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

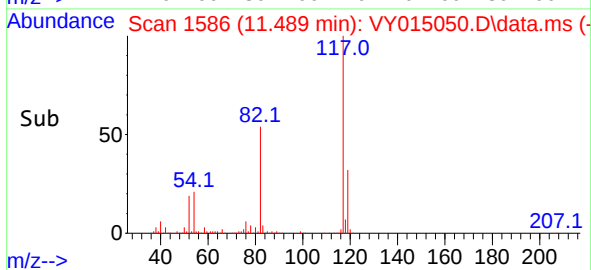
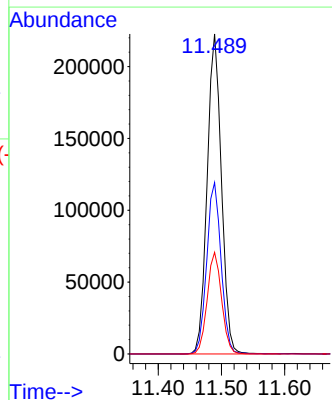
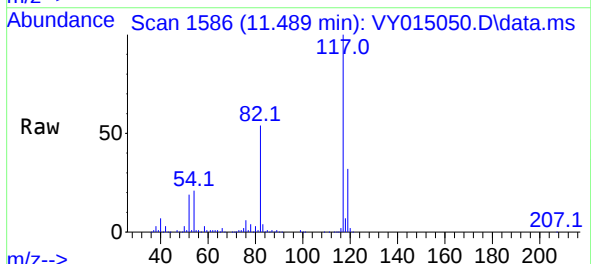
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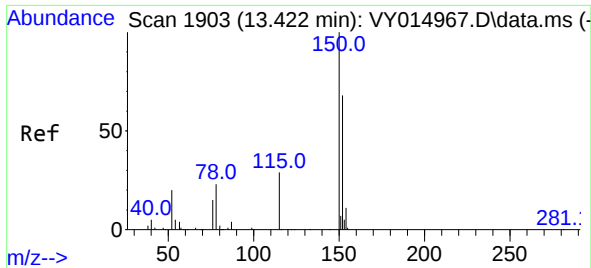
Tgt Ion: 95 Resp: 163304
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015050.D
Acq: 11 Aug 2023 11:35

Tgt Ion: 117 Resp: 349556
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015050.D
 Acq: 11 Aug 2023 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP01A

Tgt Ion:152 Resp: 175340
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 157.0 0.0 348.8

