

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013256.D
 Acq On : 11 Apr 2023 20:30
 Operator : KP/MD
 Sample : 02232-02
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230207-4-1

Quant Time: Apr 12 01:39:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

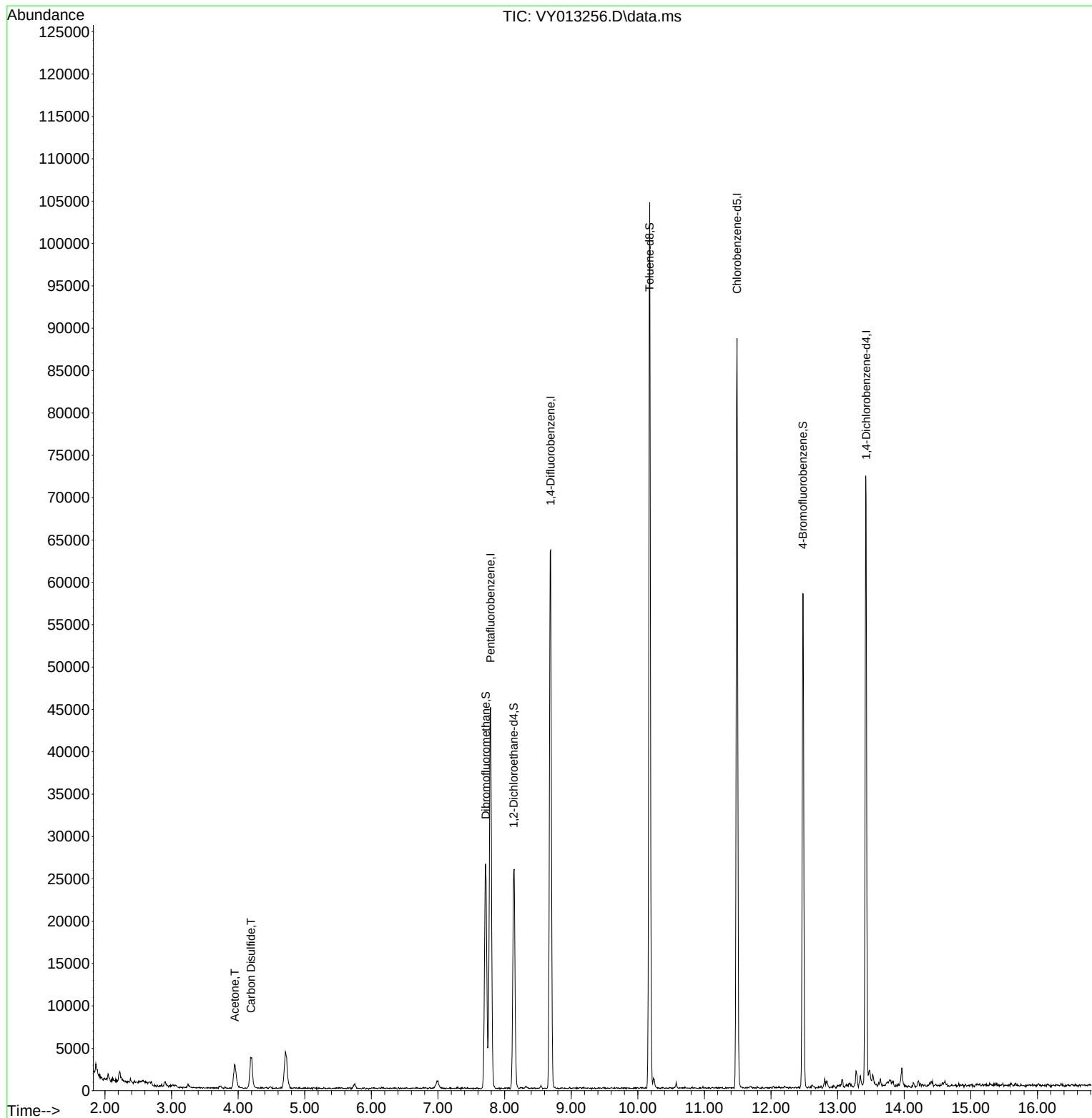
Internal Standards						
1) Pentafluorobenzene	7.789	168	34337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21345	55.279	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 110.560%		
35) Dibromofluoromethane	7.716	113	18773	58.925	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 117.860%		
50) Toluene-d8	10.179	98	65091	58.355	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 116.720%		
62) 4-Bromofluorobenzene	12.477	95	16882	42.384	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 84.760%		
Target Compounds						Qvalue
16) Acetone	3.948	43	5374	34.200	ug/l	91
17) Carbon Disulfide	4.192	76	7664	11.283	ug/l #	95

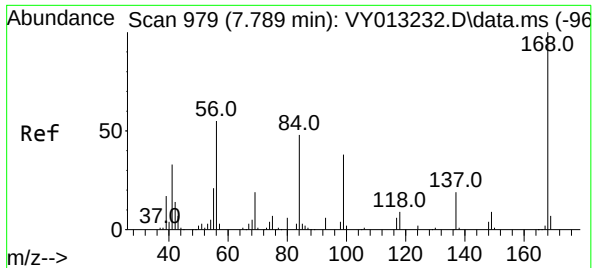
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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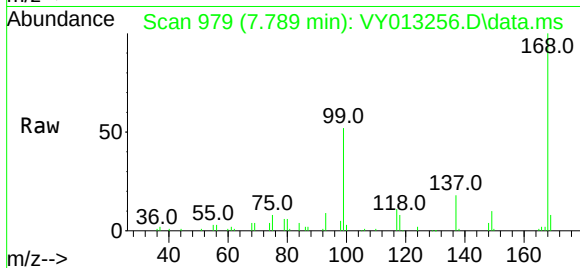
Quant Time: Apr 12 01:39:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
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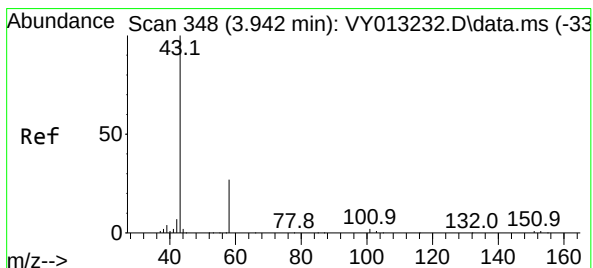
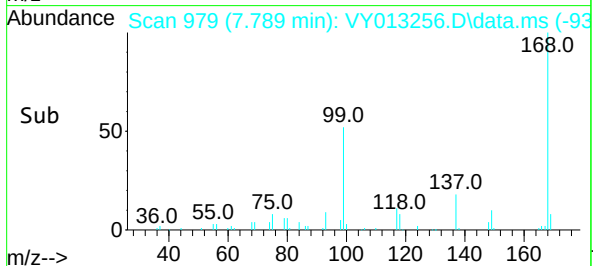
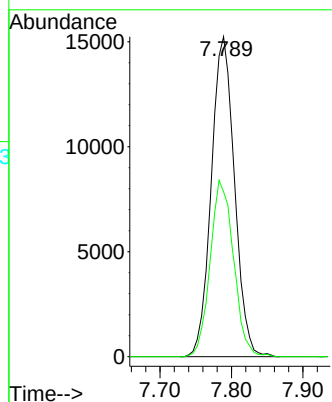


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

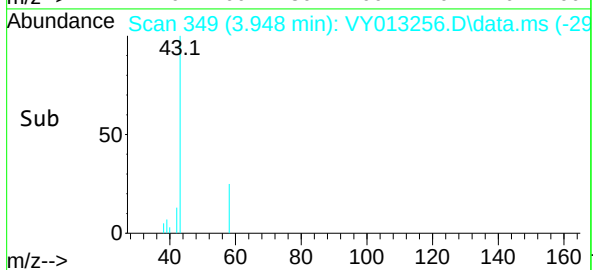
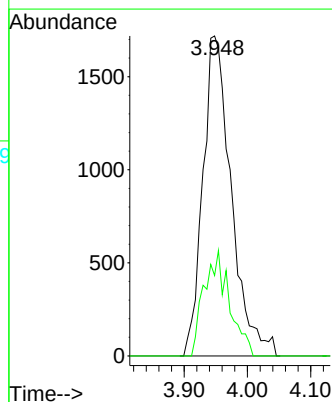
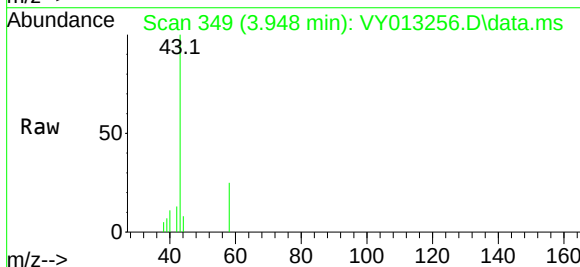


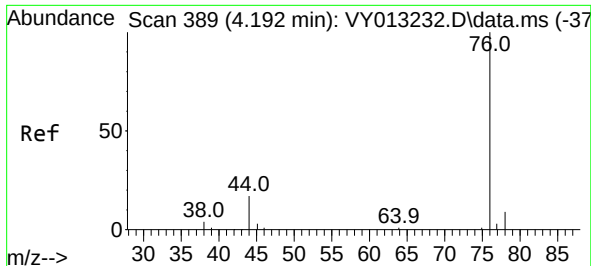
Tgt Ion:168 Resp: 34337
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#16
Acetone
Concen: 34.200 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Tgt Ion: 43 Resp: 5374
Ion Ratio Lower Upper
43 100
58 25.1 24.2 36.2

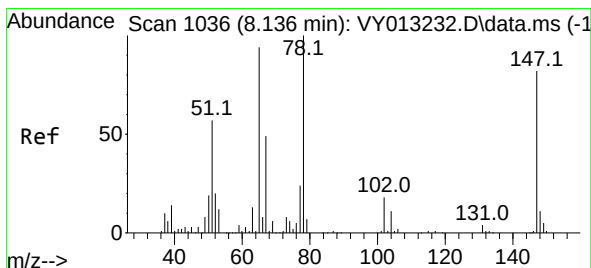
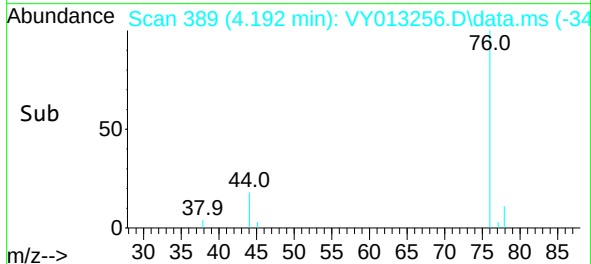
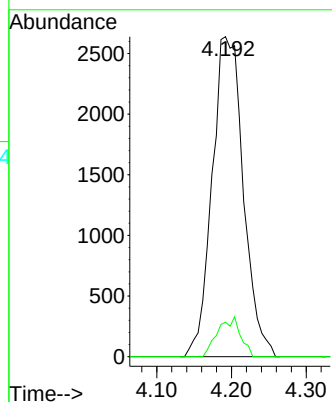
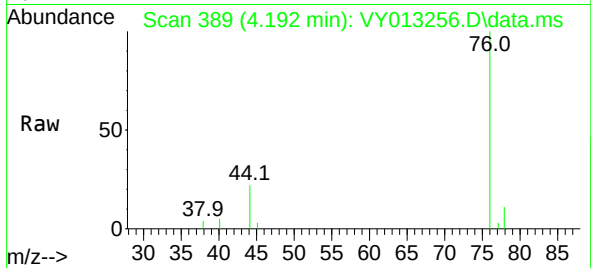




#17
Carbon Disulfide
Concen: 11.283 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

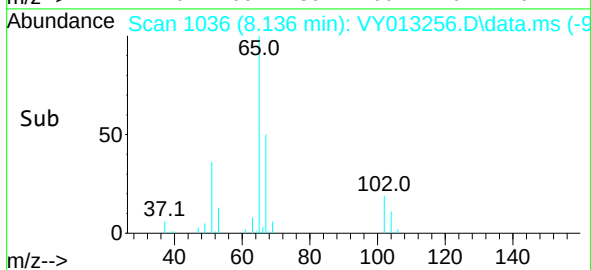
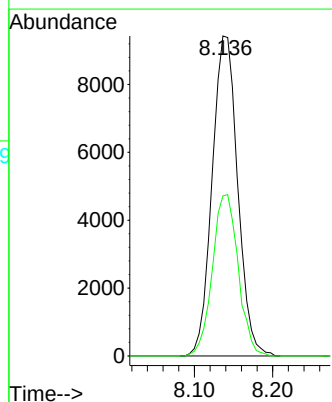
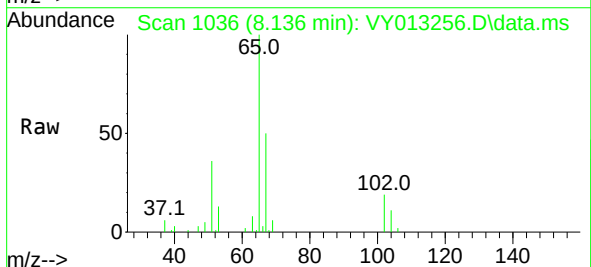
Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

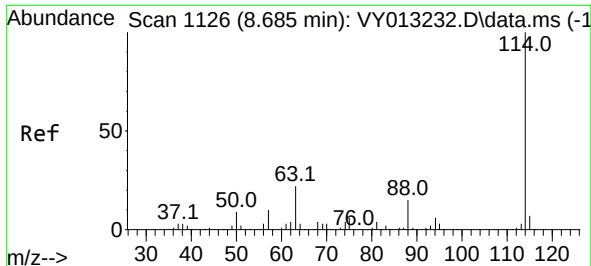
Tgt Ion: 76 Resp: 7664
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 55.279 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Tgt Ion: 65 Resp: 21345
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013256.D

Acq: 11 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

20230207-4-1

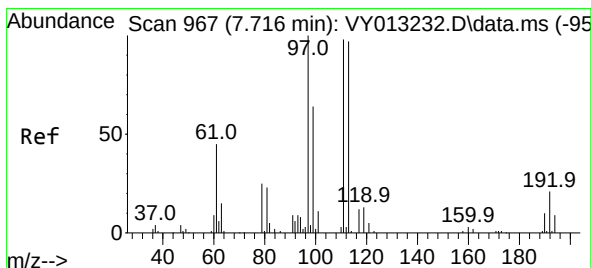
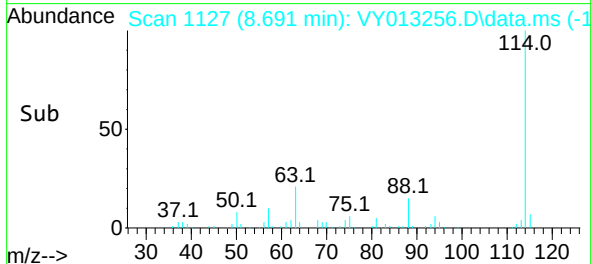
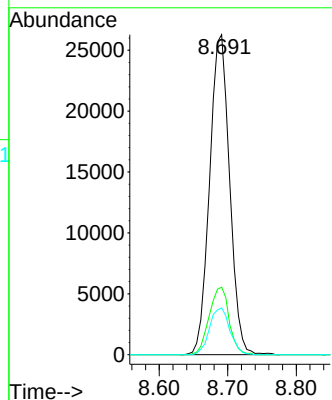
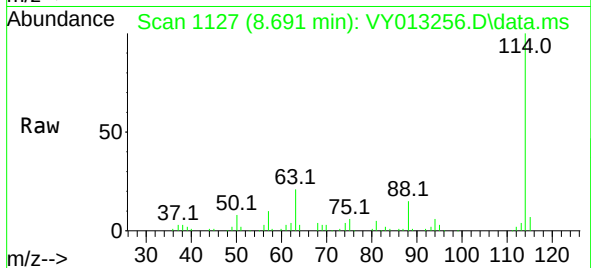
Tgt Ion:114 Resp: 53298

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.925 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013256.D

Acq: 11 Apr 2023 20:30

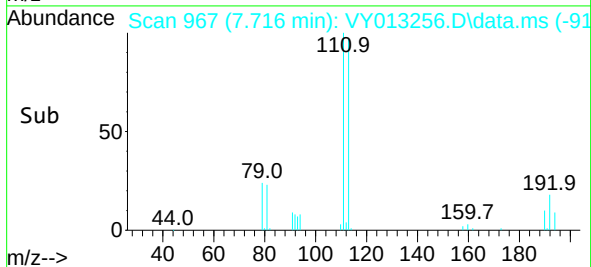
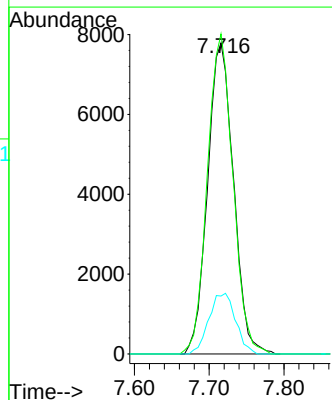
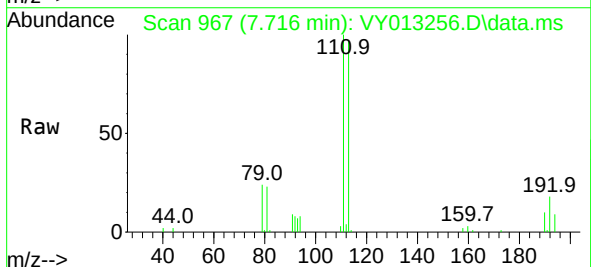
Tgt Ion:113 Resp: 18773

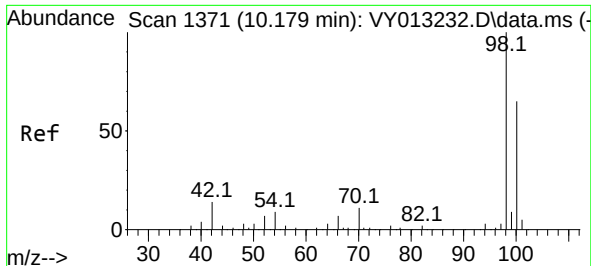
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 20.1 16.8 25.2

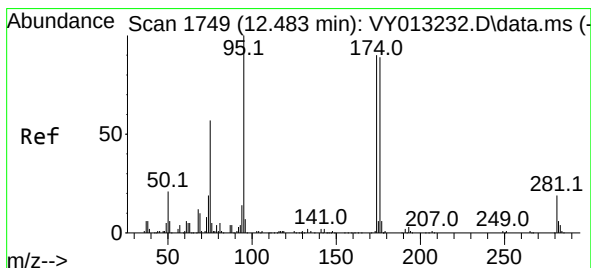
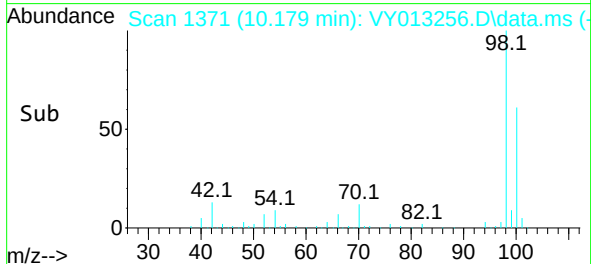
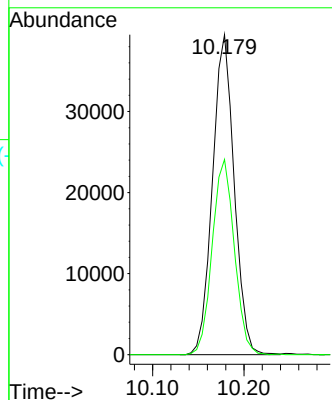
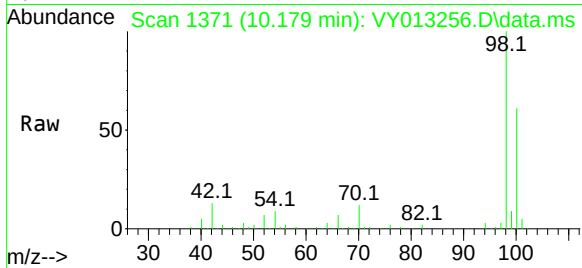




#50
Toluene-d8
Concen: 58.355 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

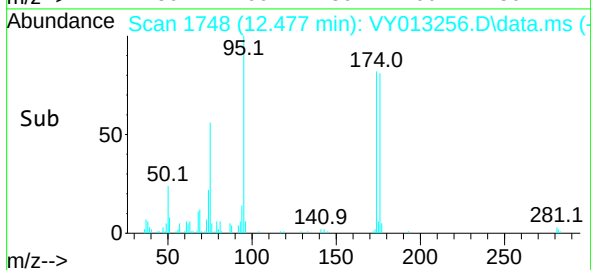
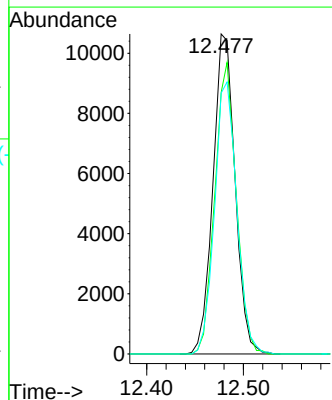
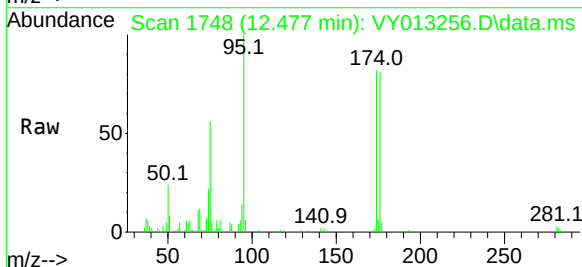
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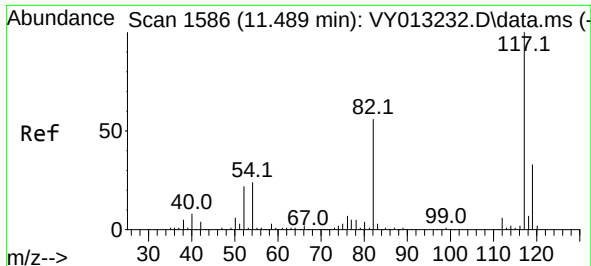
Tgt Ion: 98 Resp: 65091
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.384 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Tgt Ion: 95 Resp: 16882
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 85.7 0.0 170.2

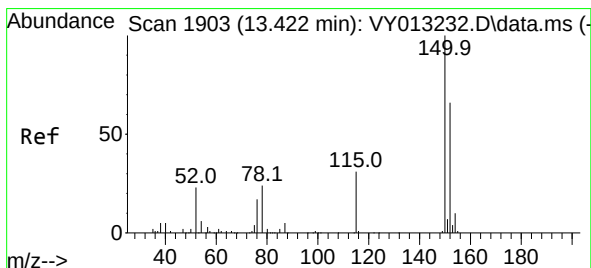
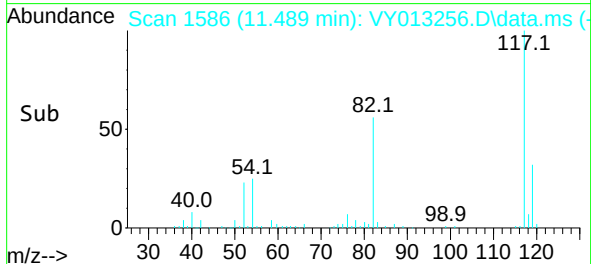
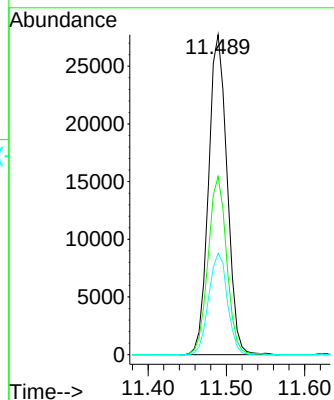
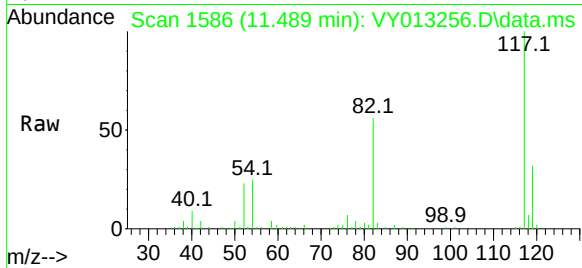




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

Tgt Ion:	117	Resp:	45595
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.4	68.0
119	31.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013256.D
Acq: 11 Apr 2023 20:30

Tgt Ion:	152	Resp:	18060
Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.1	81.3
150	152.2	0.0	347.8

