

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008956.D
 Acq On : 21 May 2022 17:47
 Operator : KP/MD
 Sample : N2919-21
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-2430-01

Quant Time: May 21 21:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

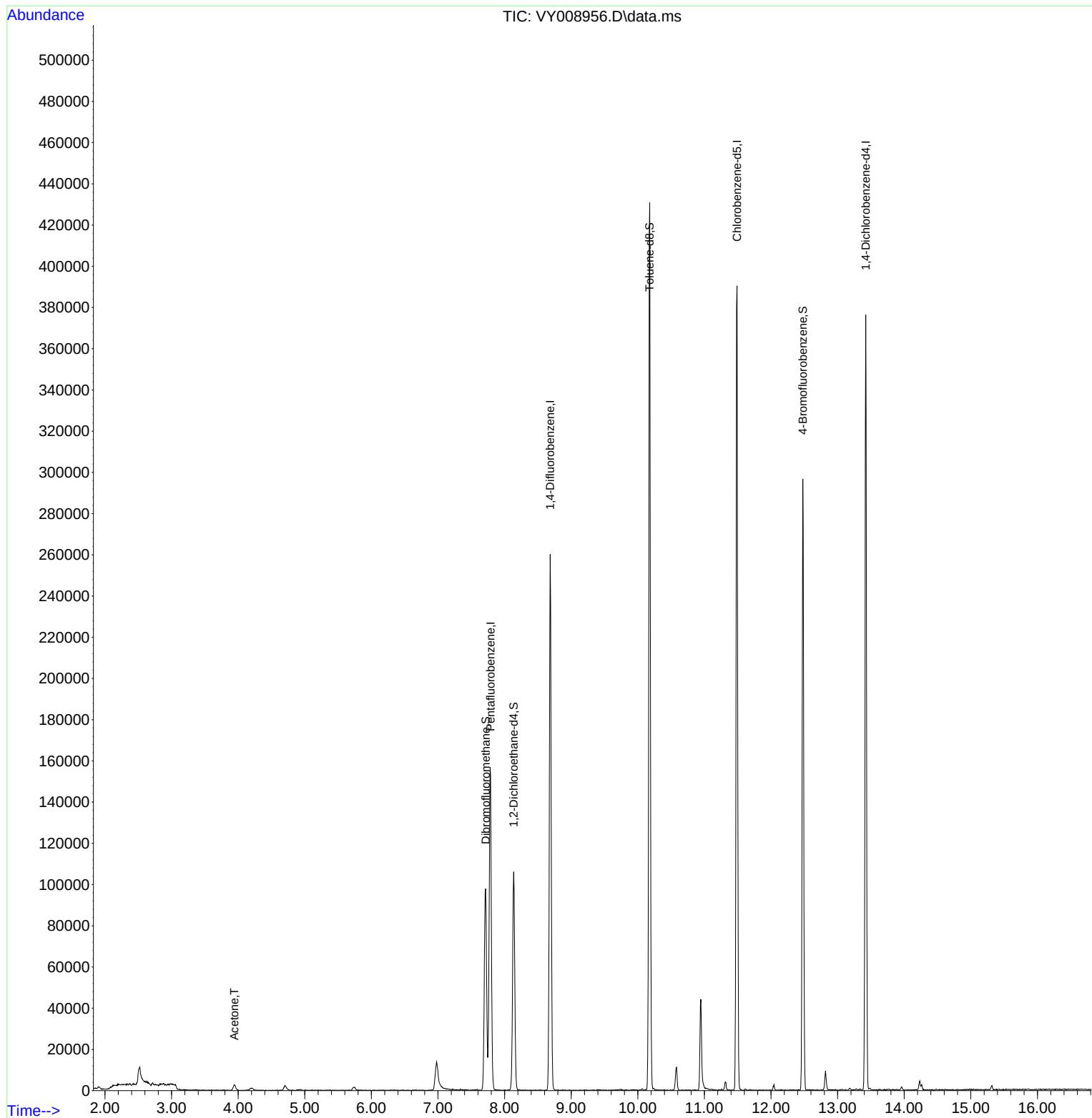
Internal Standards						
1) Pentafluorobenzene	7.789	168	118476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77197	63.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.716	113	68219	50.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.179	98	266855	53.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.477	95	77896	39.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.100%	
Target Compounds						
16) Acetone	3.942	43	4602	18.131	ug/l	Qvalue 100

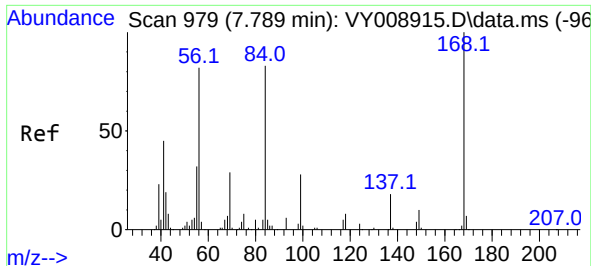
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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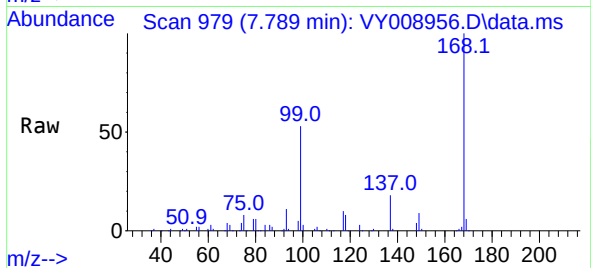
Quant Time: May 21 21:31:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
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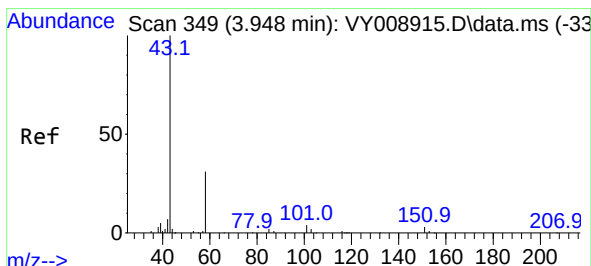
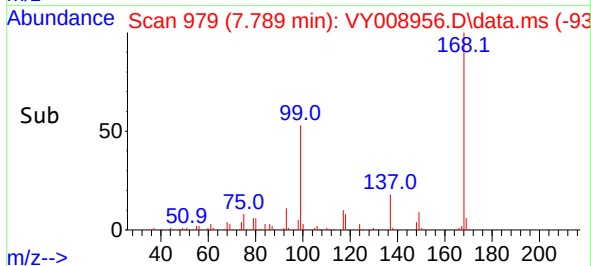
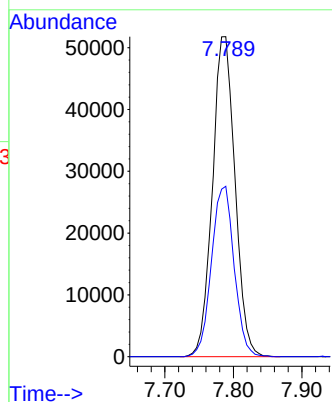


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

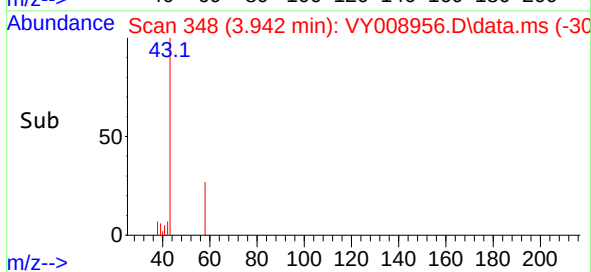
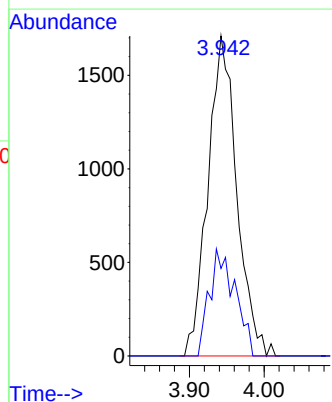
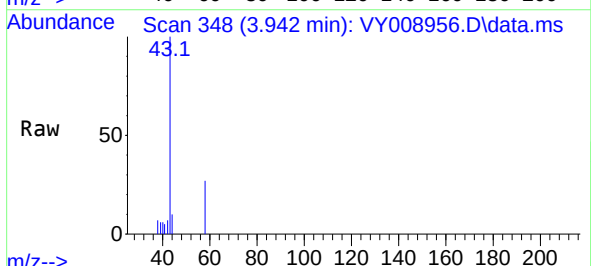


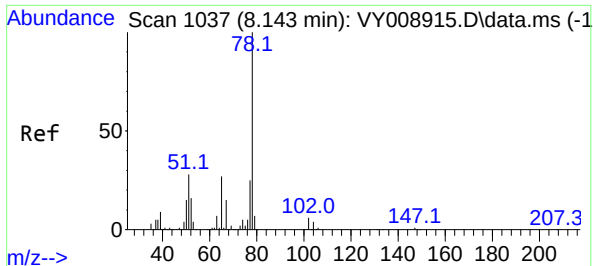
Tgt Ion:168 Resp: 118476
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 18.131 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 43 Resp: 4602
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 63.311 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008956.D

Acq: 21 May 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

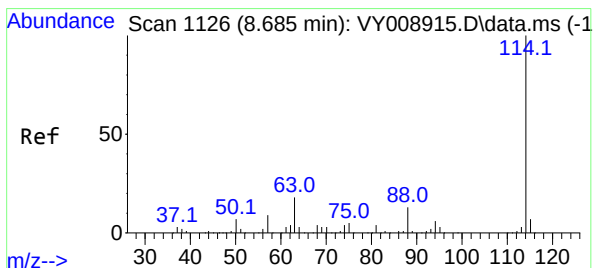
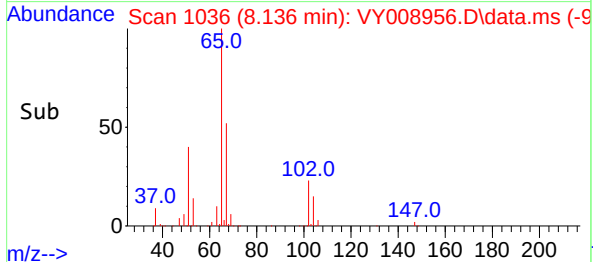
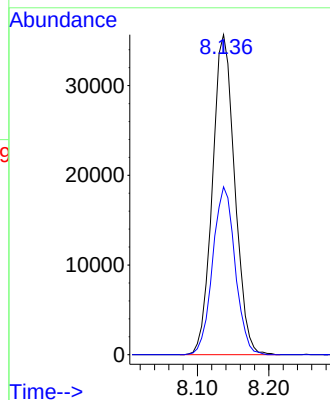
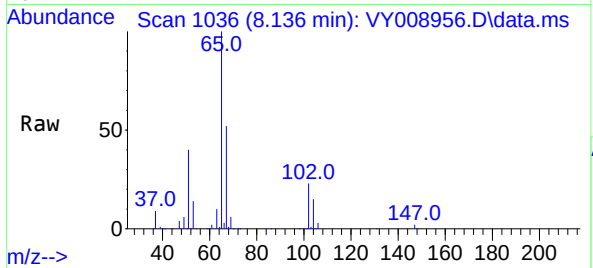
P015-SS002-2430-01

Tgt Ion: 65 Resp: 77197

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008956.D

Acq: 21 May 2022 17:47

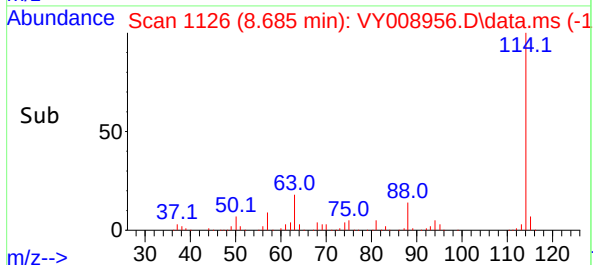
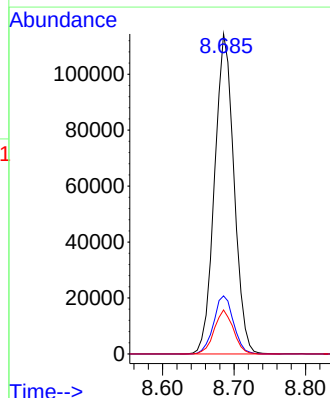
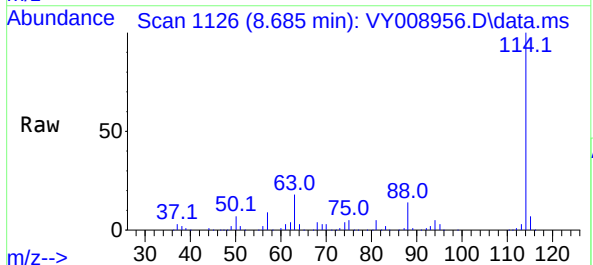
Tgt Ion: 114 Resp: 215534

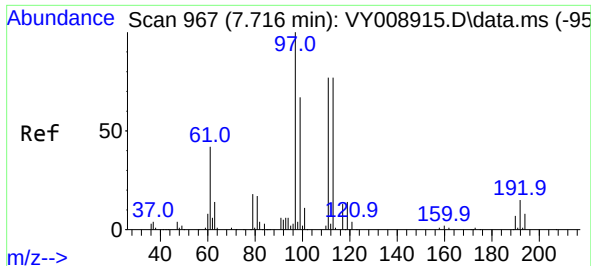
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.899 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY008956.D

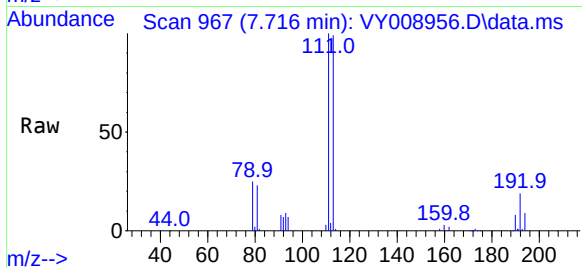
Acq: 21 May 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-2430-01



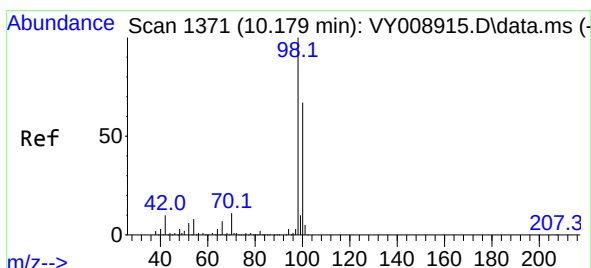
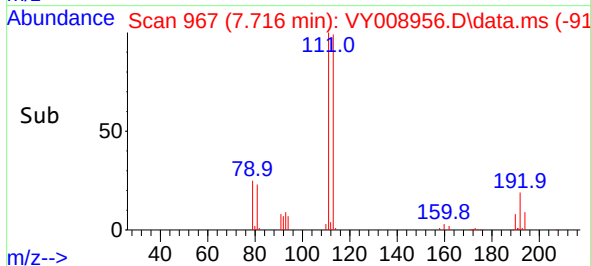
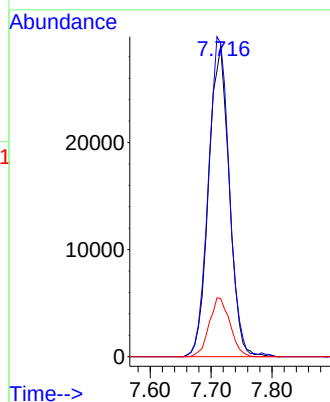
Tgt Ion:113 Resp: 68219

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.0 17.6 26.4



#50

Toluene-d8

Concen: 53.970 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008956.D

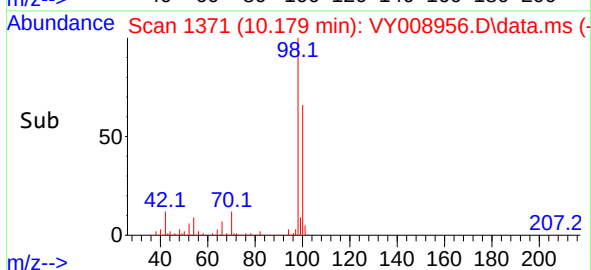
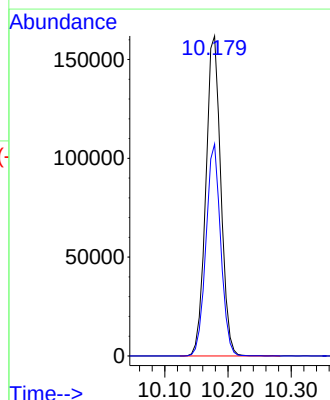
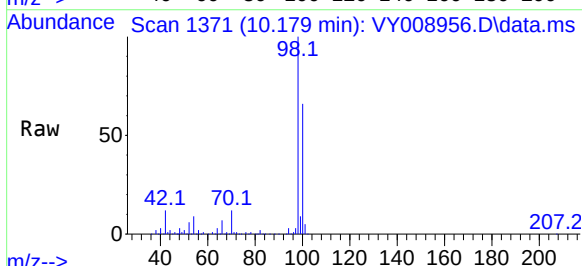
Acq: 21 May 2022 17:47

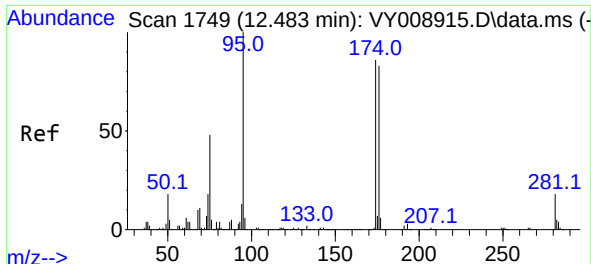
Tgt Ion: 98 Resp: 266855

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

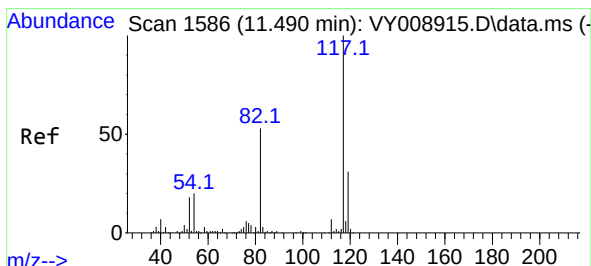
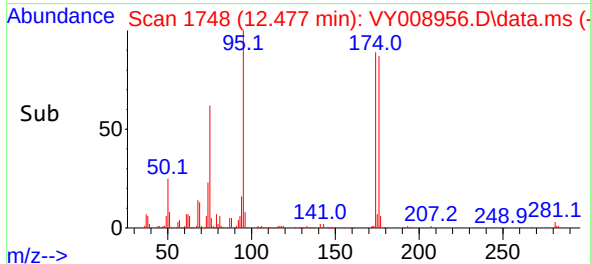
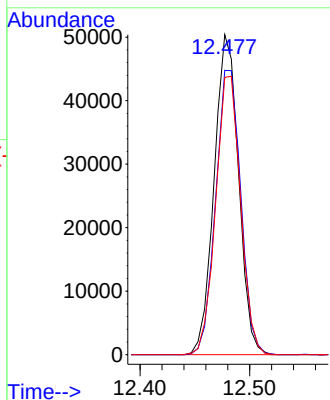
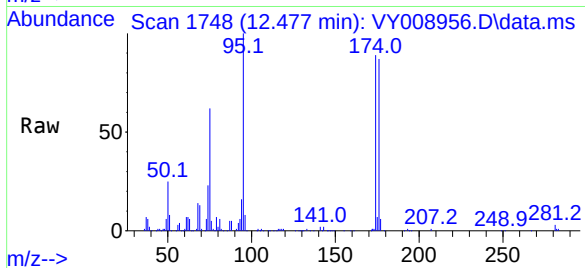




#62
4-Bromofluorobenzene
Concen: 39.054 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

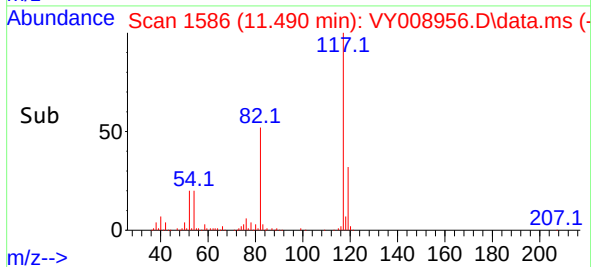
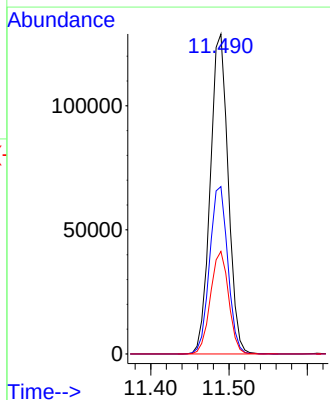
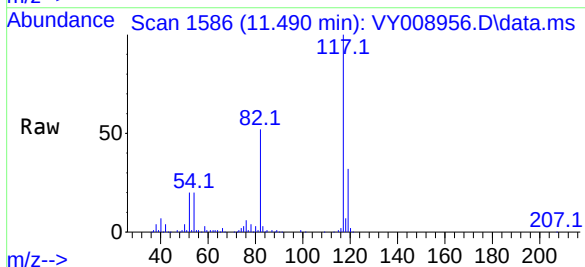
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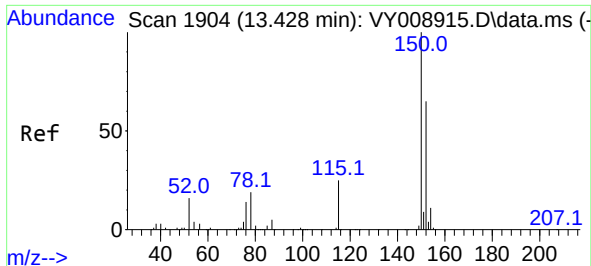
Tgt Ion:	95	Resp:	77896
Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	177.0
176	88.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

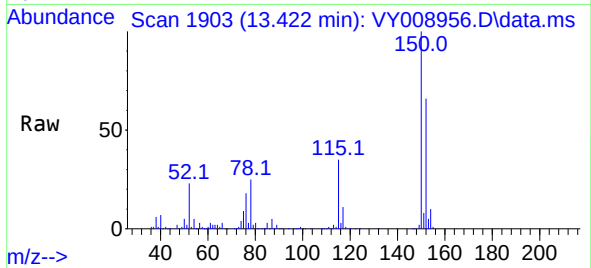
Tgt Ion:	117	Resp:	204551
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	32.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008956.D
 Acq: 21 May 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-2430-01



Tgt Ion:152 Resp: 91601

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	155.4	0.0	347.6

