

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010156.D
 Acq On : 22 Aug 2022 20:06
 Operator : KP/MD
 Sample : N4277-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-2

Quant Time: Aug 23 00:17:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

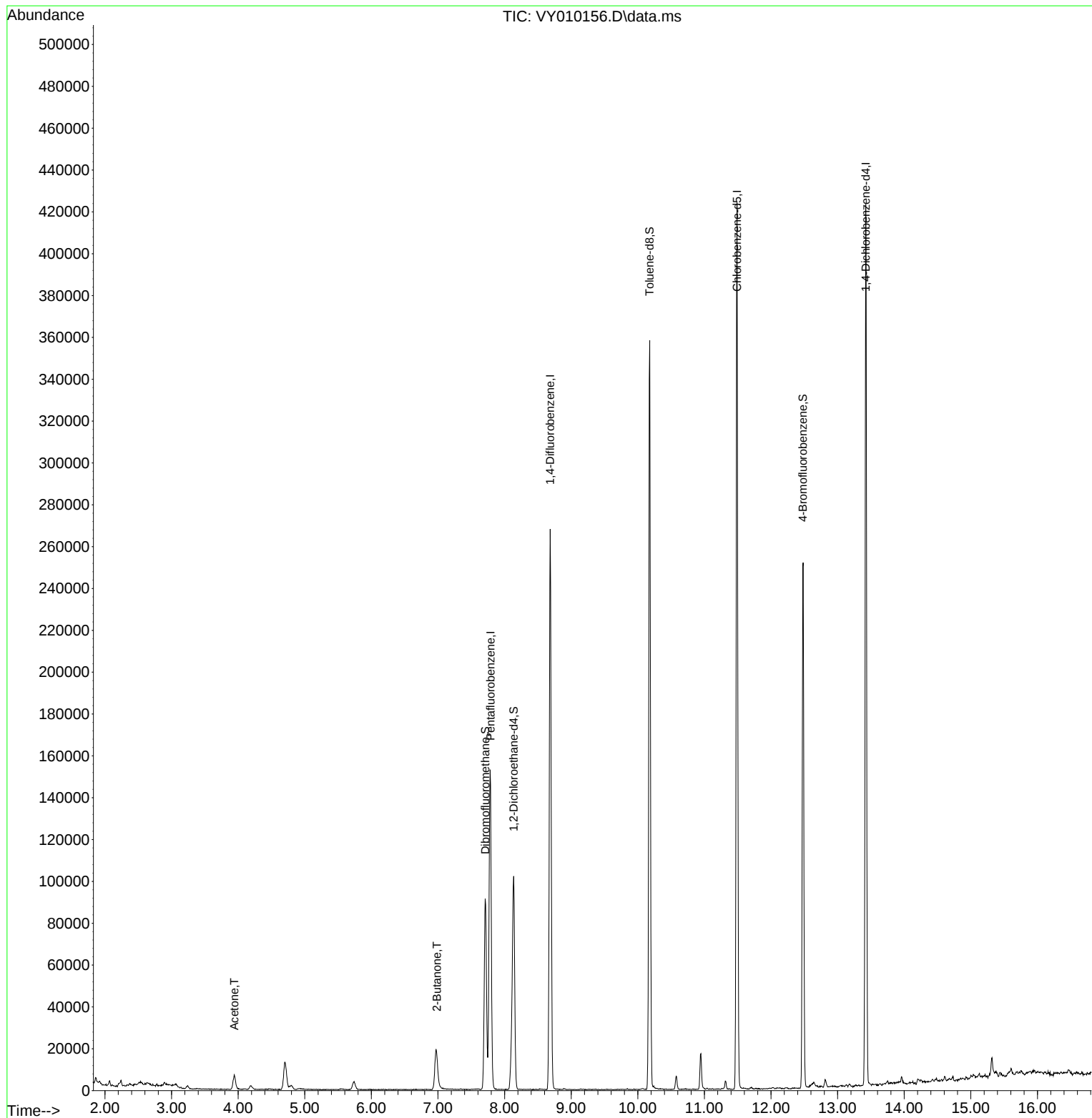
Internal Standards						
1) Pentafluorobenzene	7.789	168	125865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70266	68.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.320%	
35) Dibromofluoromethane	7.710	113	66824	50.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.320%	
50) Toluene-d8	10.179	98	240989	48.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	12.477	95	81129	45.487	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	12059	46.735	ug/l #	81
25) 2-Butanone	6.984	43	3010	7.252	ug/l #	80

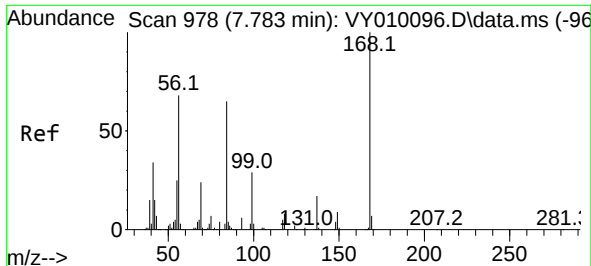
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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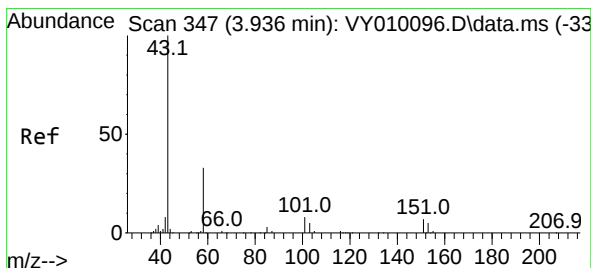
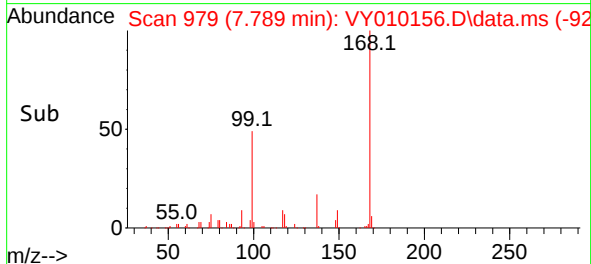
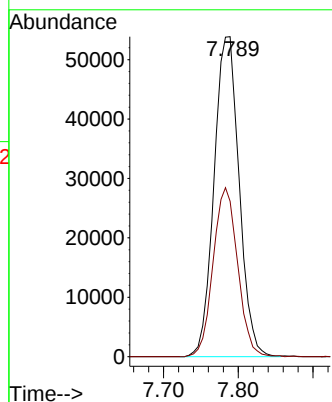
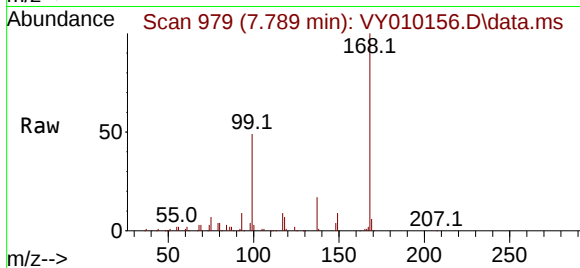




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

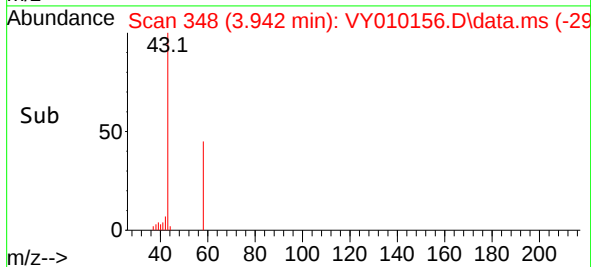
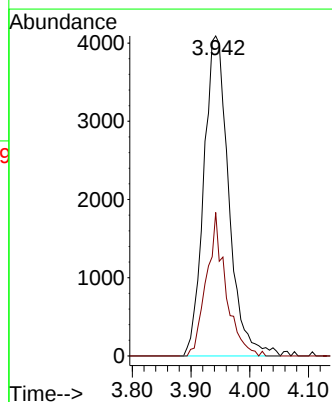
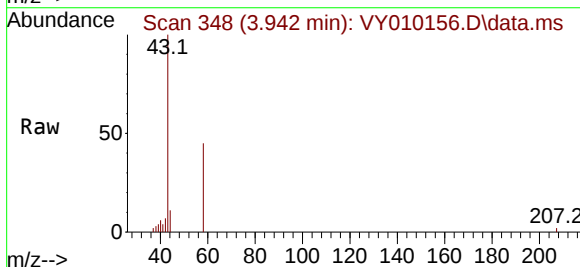
Instrument :
MSVOA_Y
ClientSampleId :
B-2

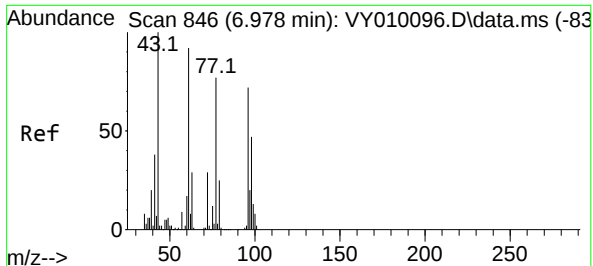
Tgt Ion:168 Resp: 125865
Ion Ratio Lower Upper
168 100
99 48.6 40.7 61.1



#16
Acetone
Concen: 46.735 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

Tgt Ion: 43 Resp: 12059
Ion Ratio Lower Upper
43 100
58 44.9 27.4 41.0#





#25

2-Butanone

Concen: 7.252 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010156.D

Acq: 22 Aug 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

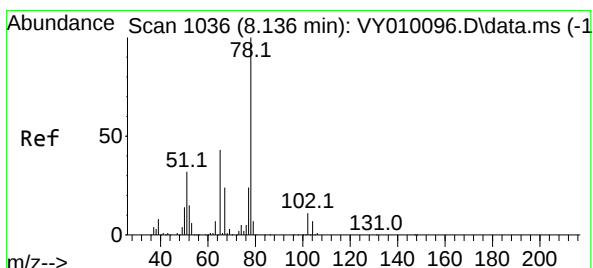
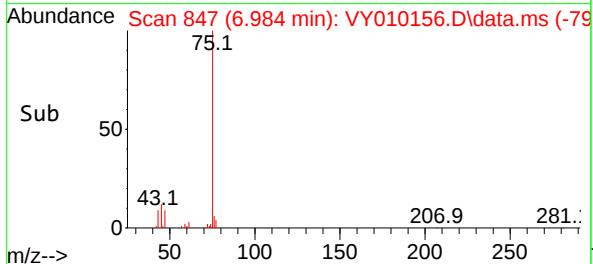
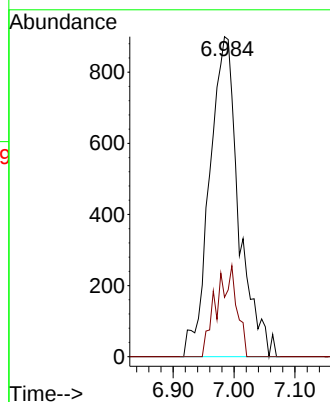
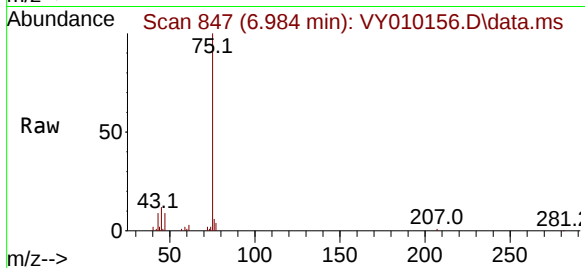
B-2

Tgt Ion: 43 Resp: 3010

Ion Ratio Lower Upper

43 100

72 18.6 23.2 34.8#



#33

1,2-Dichloroethane-d4

Concen: 68.156 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010156.D

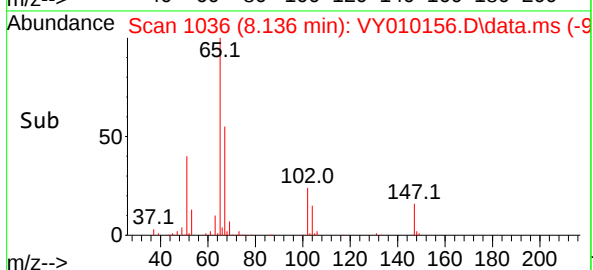
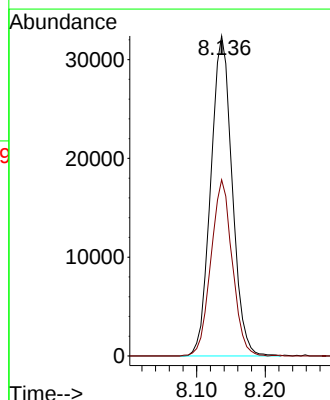
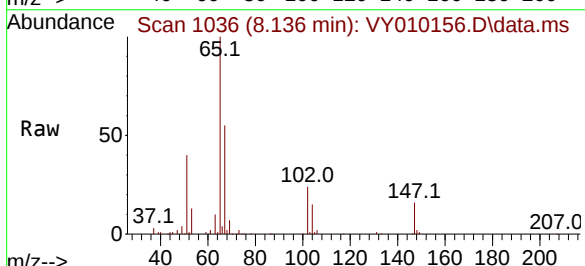
Acq: 22 Aug 2022 20:06

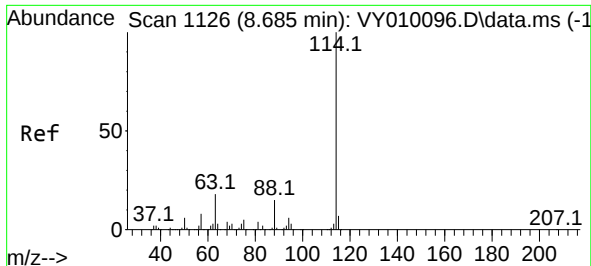
Tgt Ion: 65 Resp: 70266

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010156.D

Acq: 22 Aug 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

B-2

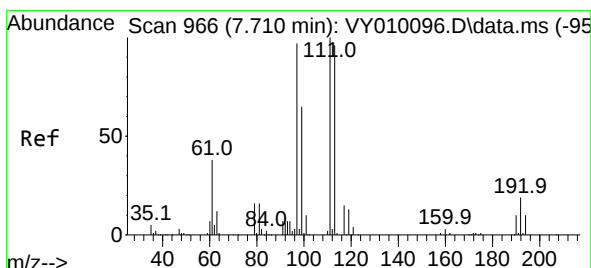
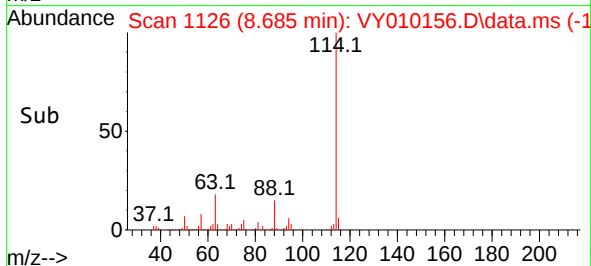
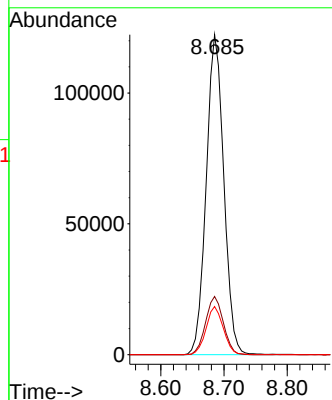
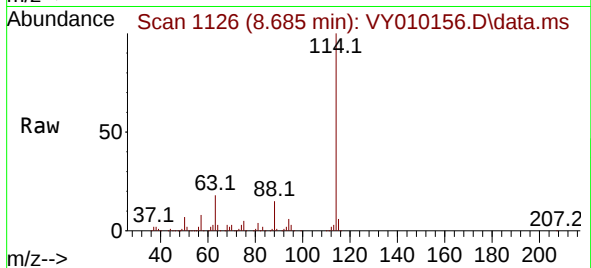
Tgt Ion:114 Resp: 236423

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.161 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010156.D

Acq: 22 Aug 2022 20:06

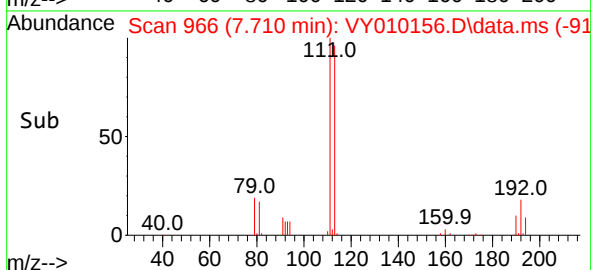
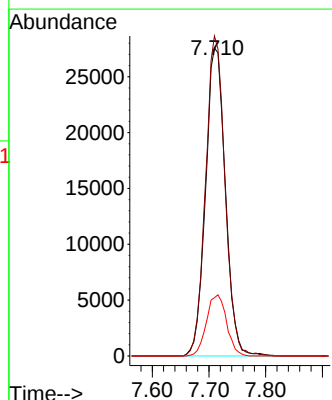
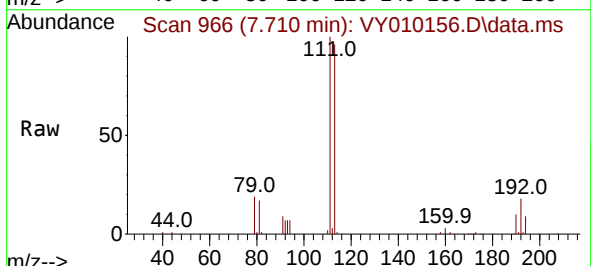
Tgt Ion:113 Resp: 66824

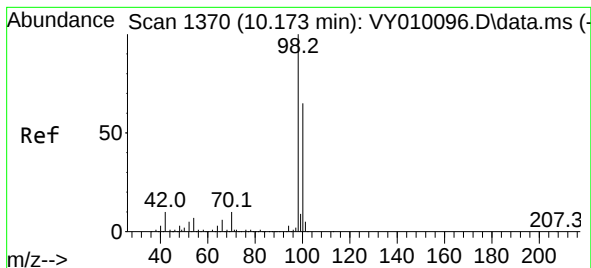
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 20.1 16.3 24.5

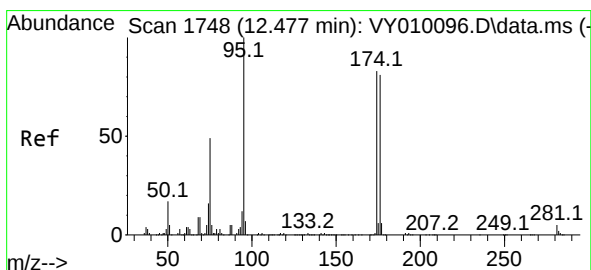
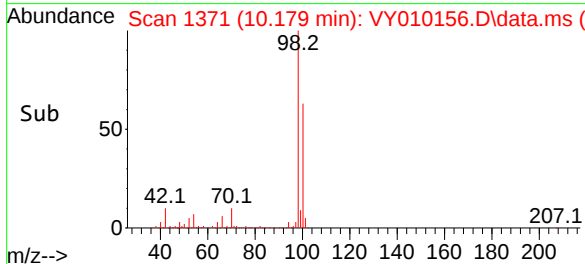
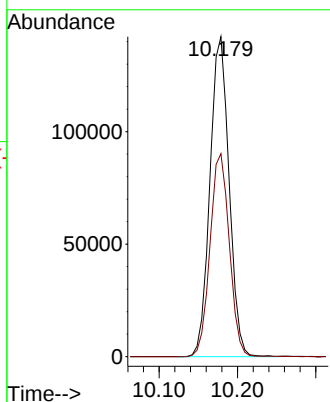
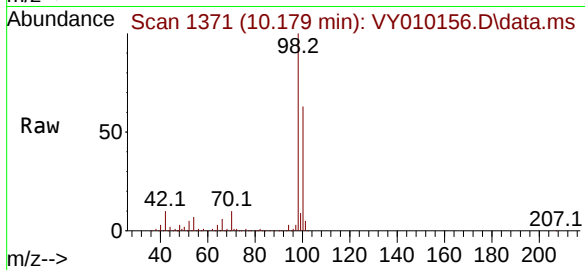




#50
Toluene-d8
Concen: 48.276 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

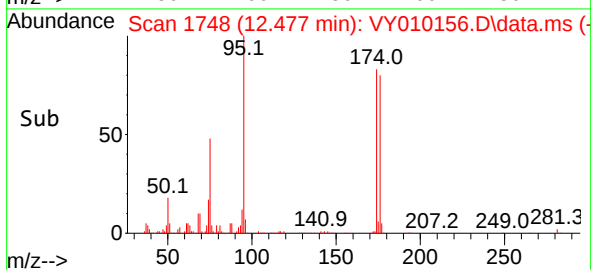
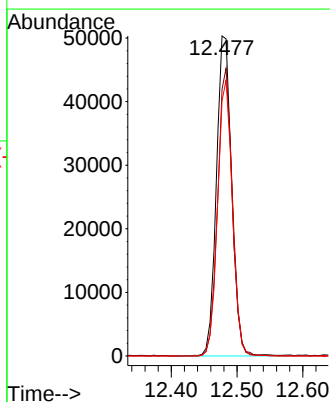
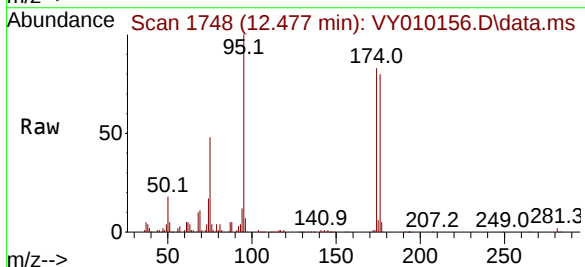
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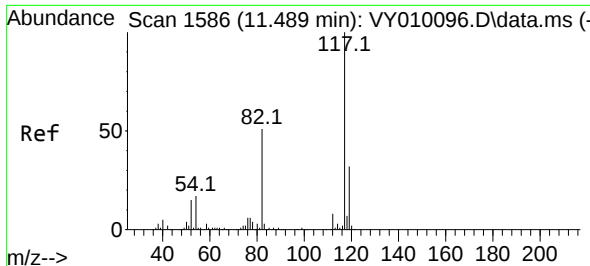
Tgt Ion: 98 Resp: 240989
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

Tgt Ion: 95 Resp: 81129
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 83.4 0.0 167.2

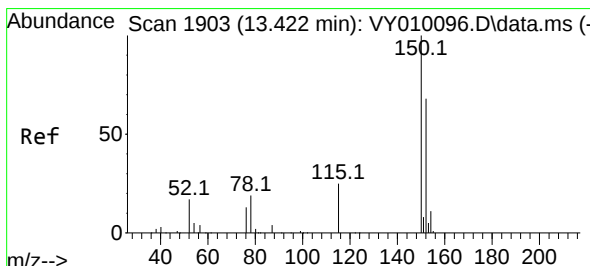
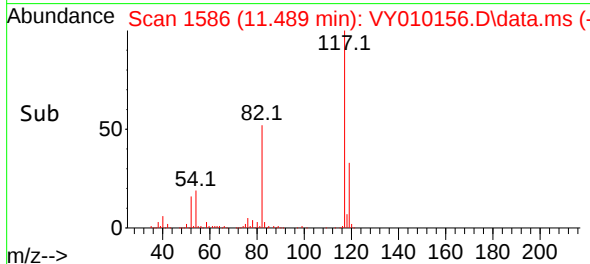
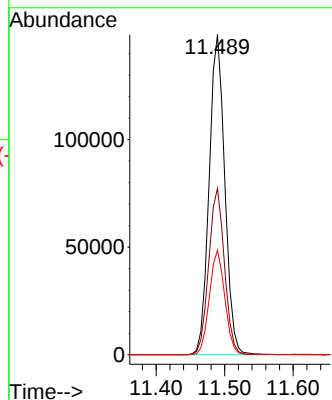
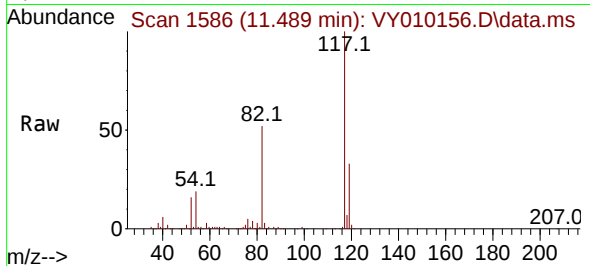




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :
B-2

Tgt Ion:117 Resp: 236448
Ion Ratio Lower Upper
117 100
82 52.0 40.6 61.0
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010156.D
Acq: 22 Aug 2022 20:06

Tgt Ion:152 Resp: 112997
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 156.3 0.0 346.2

