

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016463.D
 Acq On : 22 Nov 2023 15:33
 Operator : SY/MD
 Sample : 05504-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 281

Quant Time: Nov 23 04:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

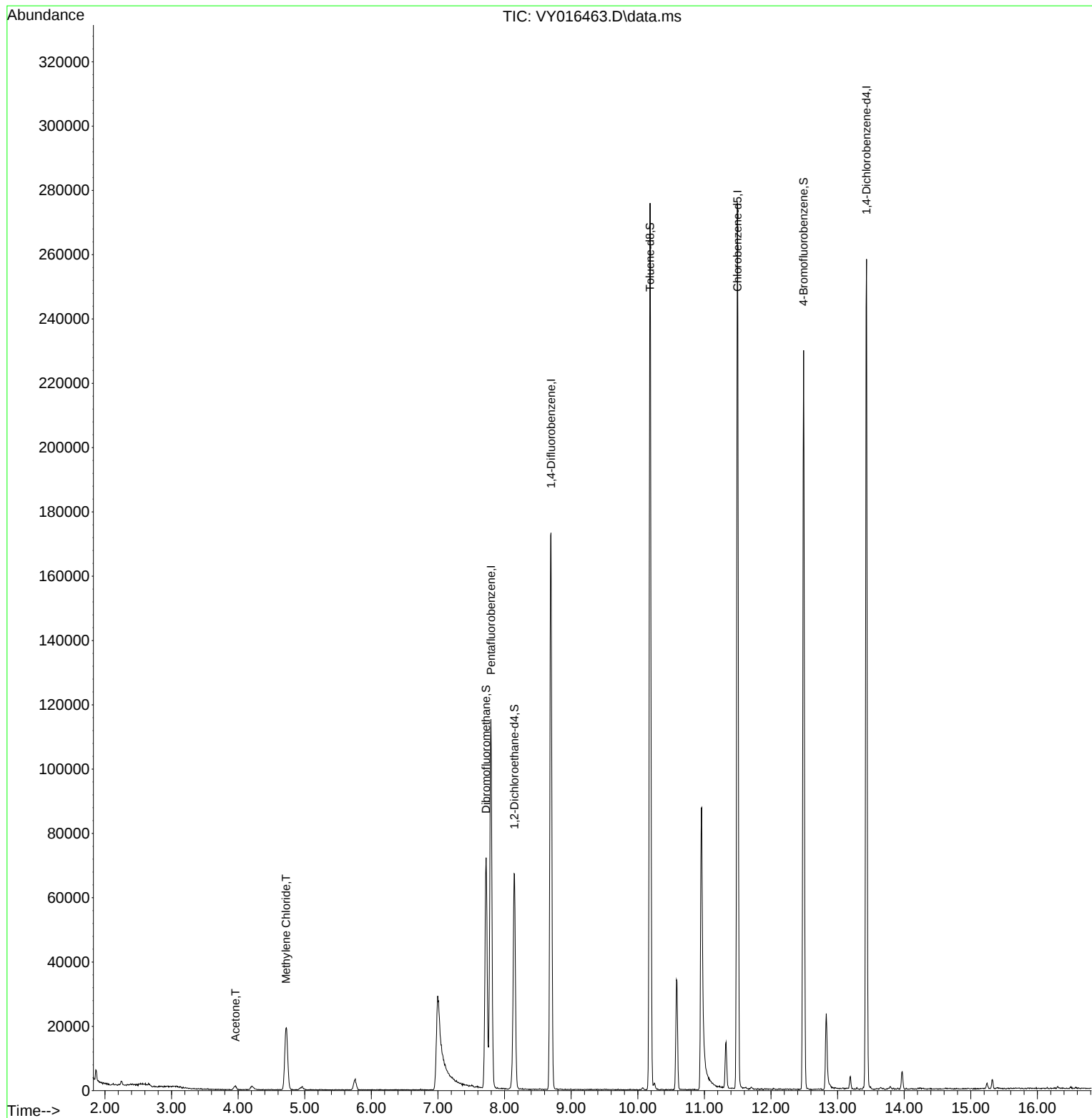
Internal Standards						
1) Pentafluorobenzene	7.795	168	92071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	159863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53279	63.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.722	113	51792	57.032	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.185	98	185990	50.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.489	95	64421	53.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2191	15.741	ug/l #	75
20) Methylene Chloride	4.716	84	16563	14.363	ug/l #	81

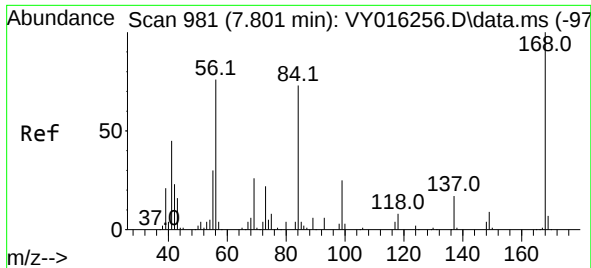
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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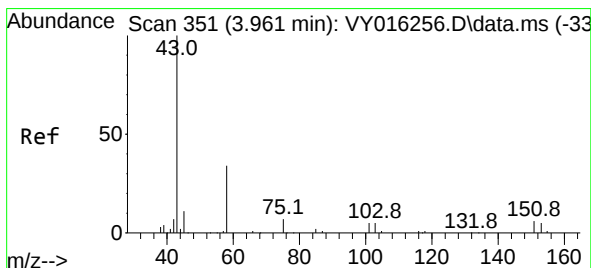
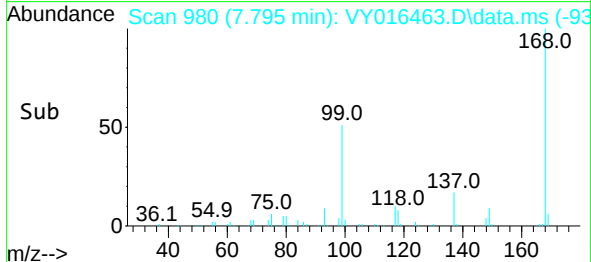
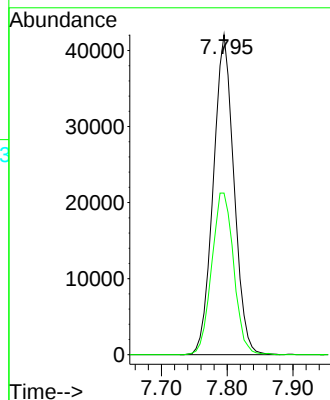
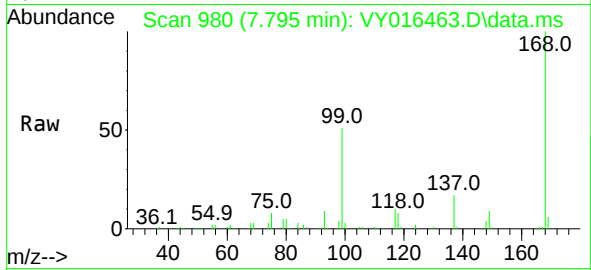




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

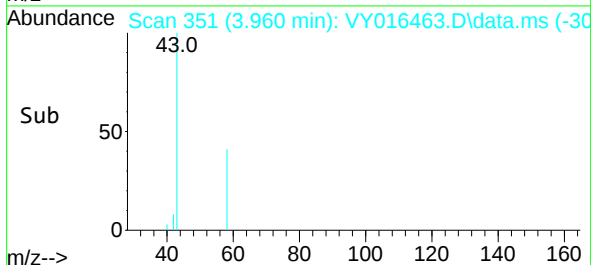
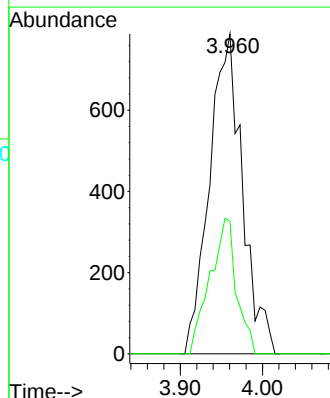
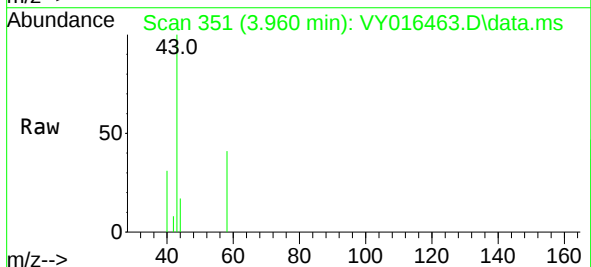
Instrument :
MSVOA_Y
ClientSampleId :
281

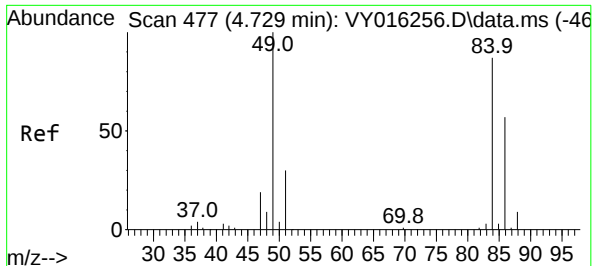
Tgt Ion:168 Resp: 92071
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#16
Acetone
Concen: 15.741 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

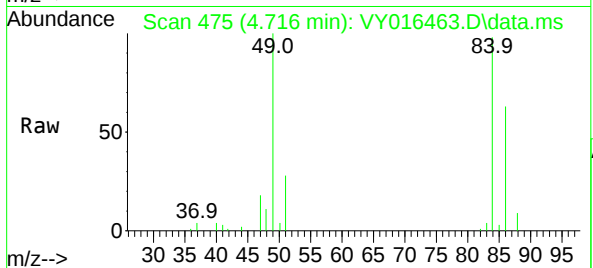
Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
58 41.5 22.7 34.1#



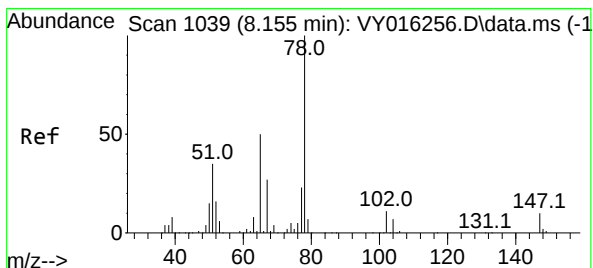
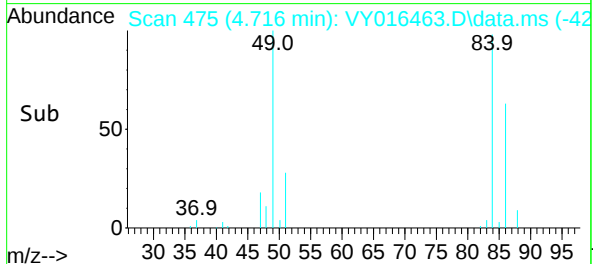
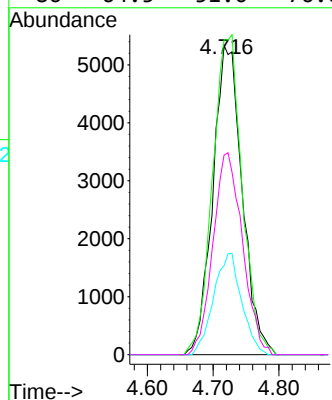


#20
Methylene Chloride
Concen: 14.363 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :
281

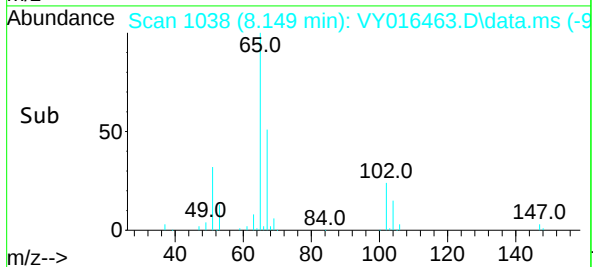
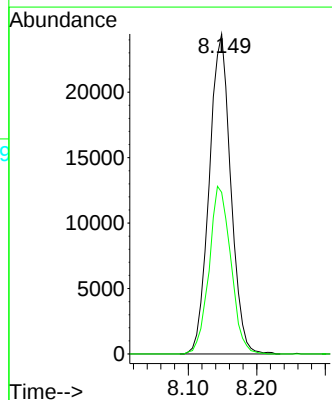
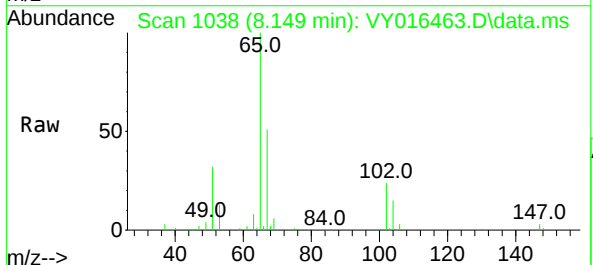


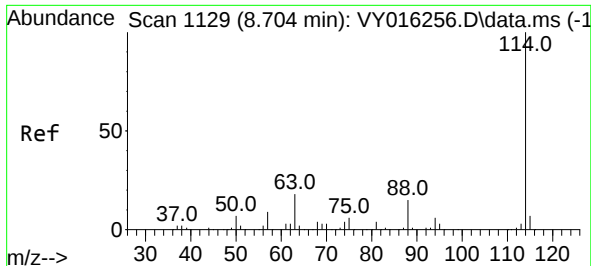
Tgt Ion: 84 Resp: 16563
Ion Ratio Lower Upper
84 100
49 101.8 106.9 160.3#
51 28.8 33.2 49.8#
86 64.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 63.315 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Tgt Ion: 65 Resp: 53279
Ion Ratio Lower Upper
65 100
67 53.0 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: VY016463.D

Acq: 22 Nov 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

281

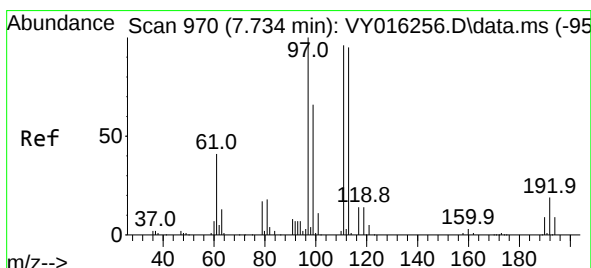
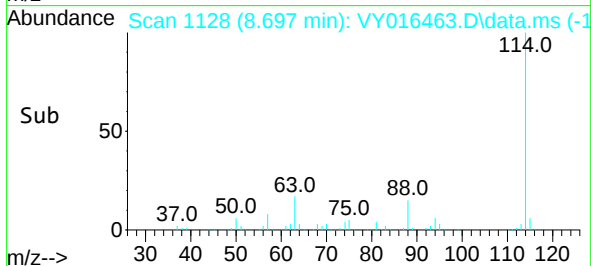
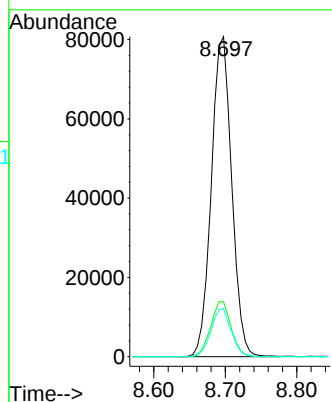
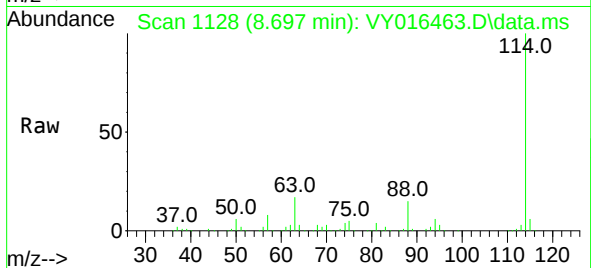
Tgt Ion:114 Resp: 159863

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.032 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

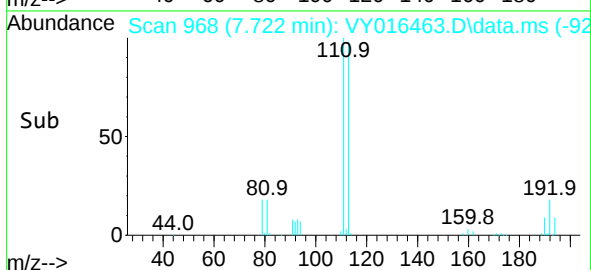
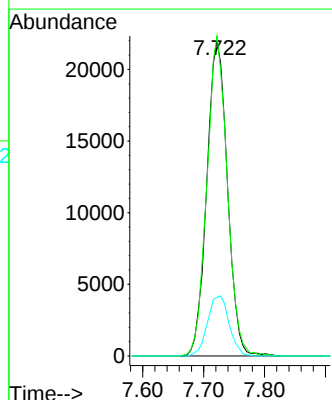
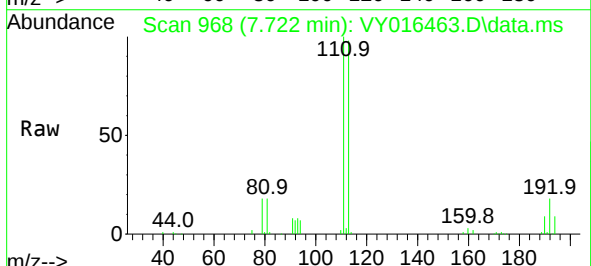
Tgt Ion:113 Resp: 51792

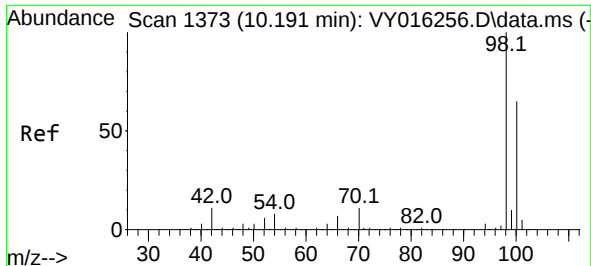
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 19.8 16.9 25.3

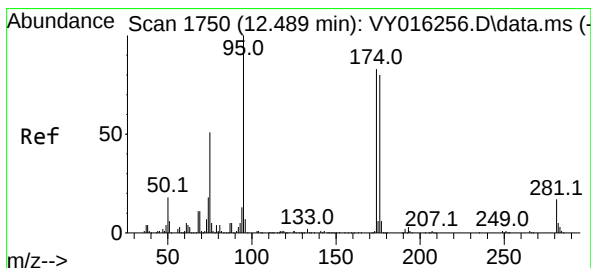
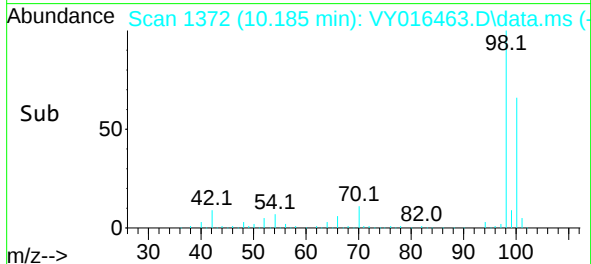
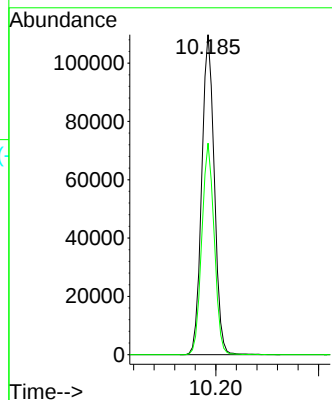
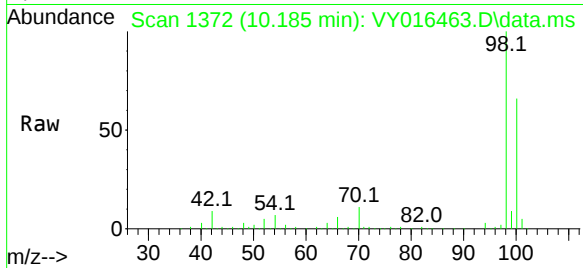




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

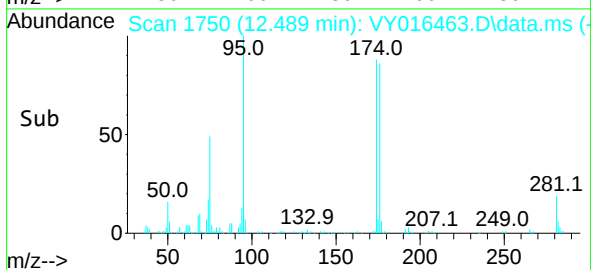
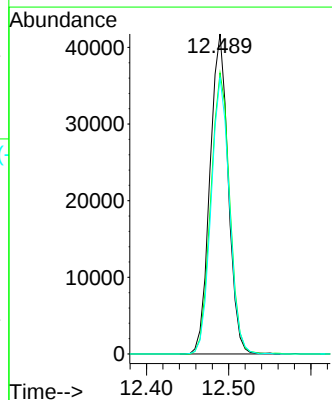
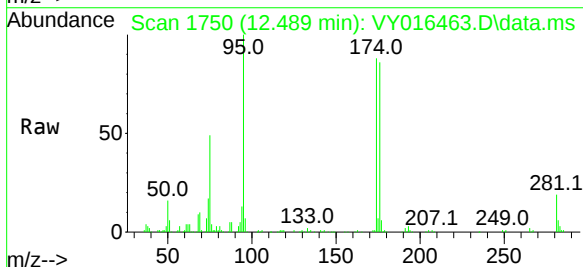
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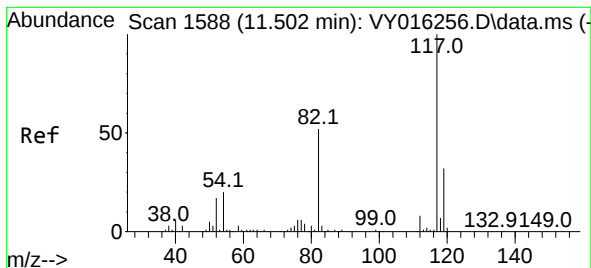
Tgt Ion: 98 Resp: 185990
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.861 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Tgt Ion: 95 Resp: 64421
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 86.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

281

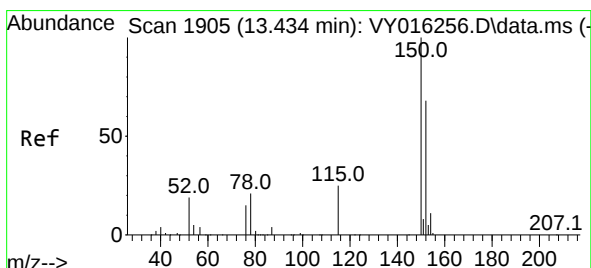
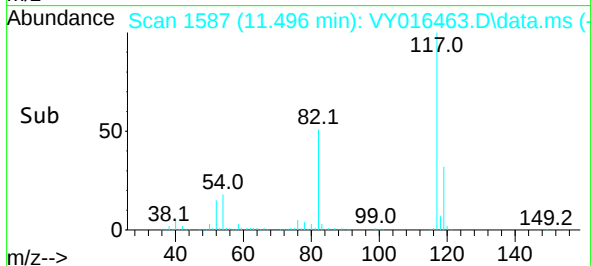
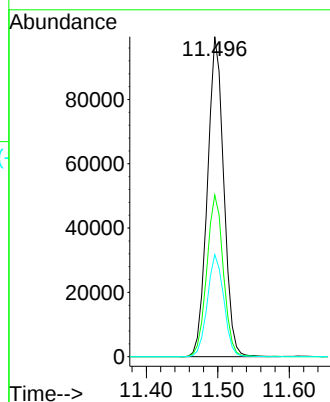
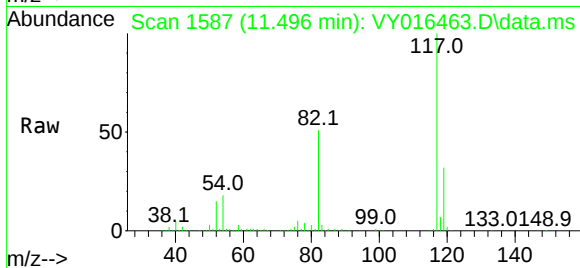
Tgt Ion:117 Resp: 158170

Ion Ratio Lower Upper

117 100

82 50.6 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Tgt Ion:152 Resp: 69329

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 161.1 0.0 348.8

