

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016321.D
 Acq On : 13 Nov 2023 12:43
 Operator : SY/MD
 Sample : 05376-03
 Misc : 3.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 210

Quant Time: Nov 14 04:37:31 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)

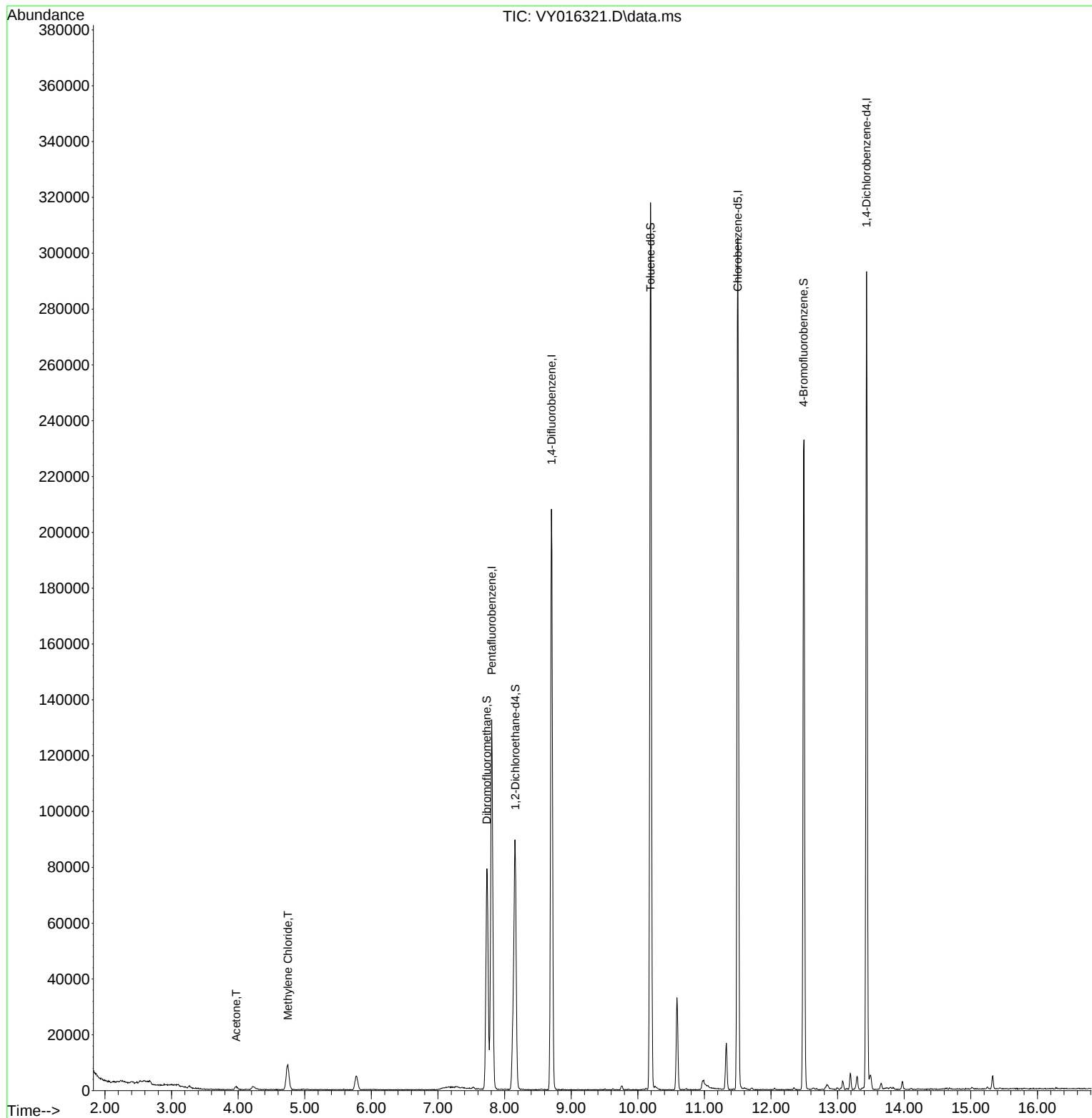
Internal Standards						
1) Pentafluorobenzene	7.807	168	101671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	181973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62171	66.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.820%	
35) Dibromofluoromethane	7.734	113	57002	55.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.280%	
50) Toluene-d8	10.191	98	212773	50.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.489	95	70962	52.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	2085	13.565	ug/l	97
20) Methylene Chloride	4.747	84	7202	3.388	ug/l	87

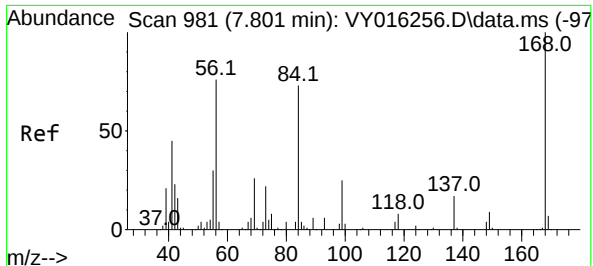
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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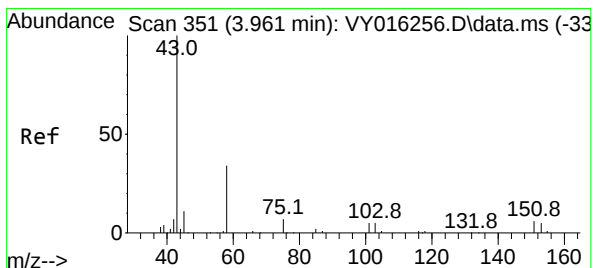
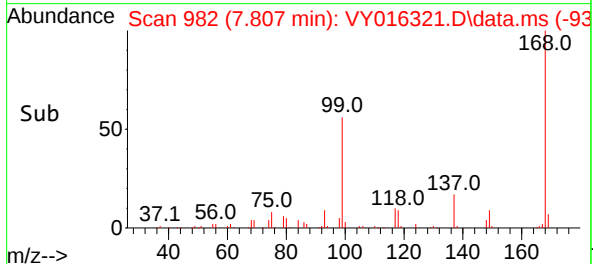
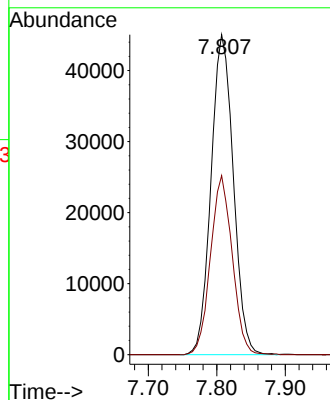
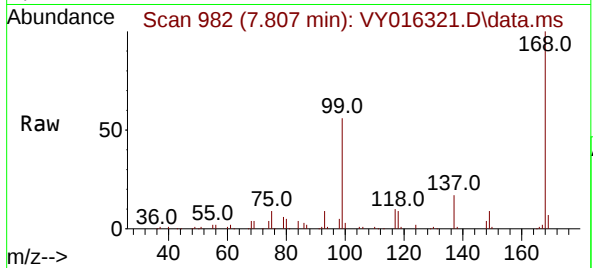




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

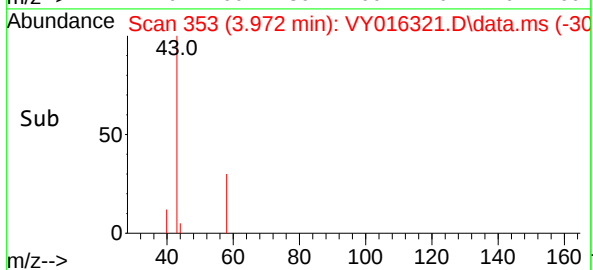
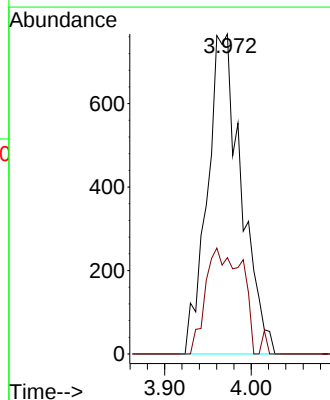
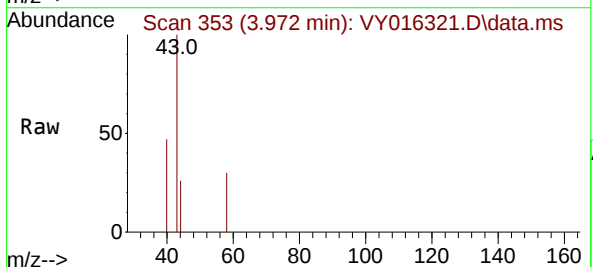
Instrument :
MSVOA_Y
ClientSampleId :
210

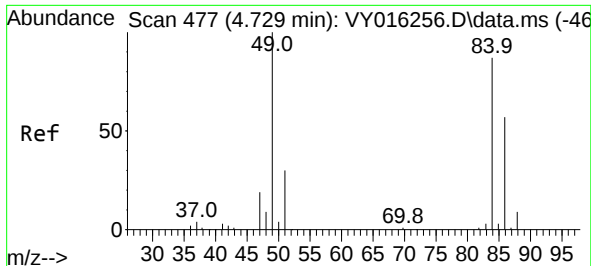
Tgt Ion:168 Resp: 101671
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 13.565 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 43 Resp: 2085
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

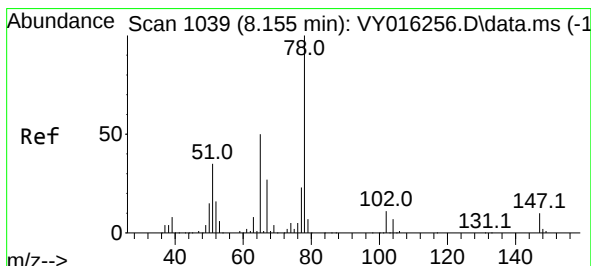
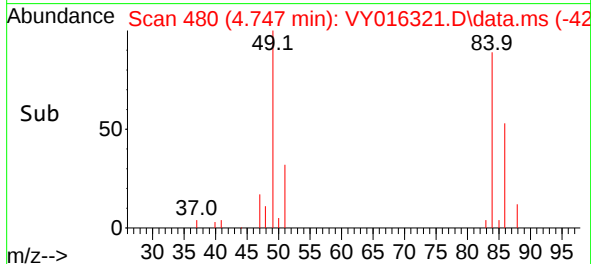
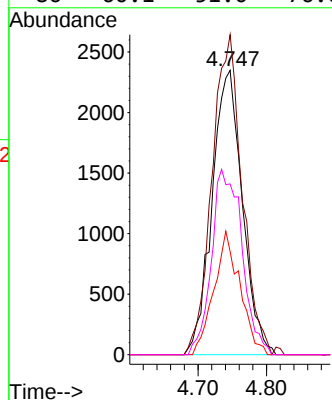
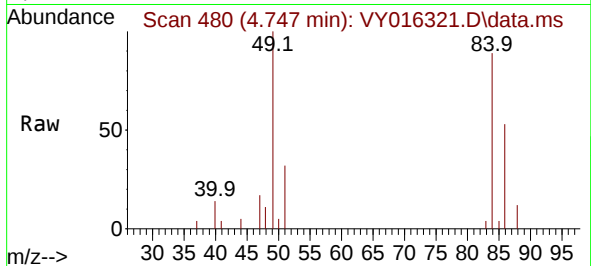




#20
Methylene Chloride
Concen: 3.388 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

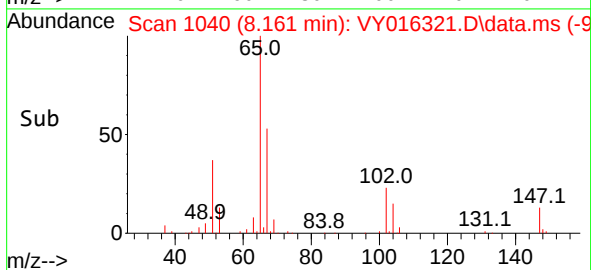
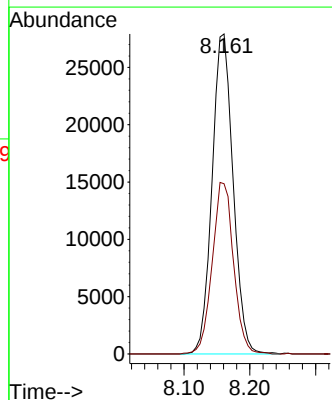
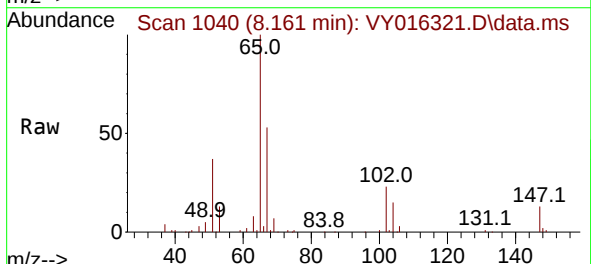
Instrument :
MSVOA_Y
ClientSampleId :
210

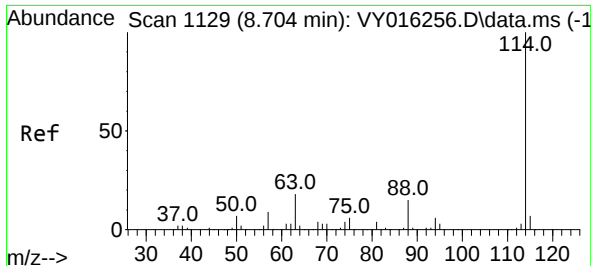
Tgt Ion: 84	Resp: 7202
Ion Ratio	Lower Upper
84 100	
49 112.6	106.9 160.3
51 36.3	33.2 49.8
86 60.1	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 66.906 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 65	Resp: 62171
Ion Ratio	Lower Upper
65 100	
67 54.3	0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016321.D

Acq: 13 Nov 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

210

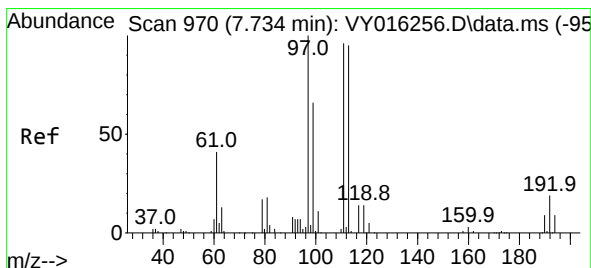
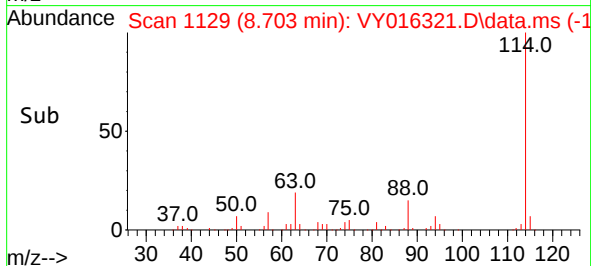
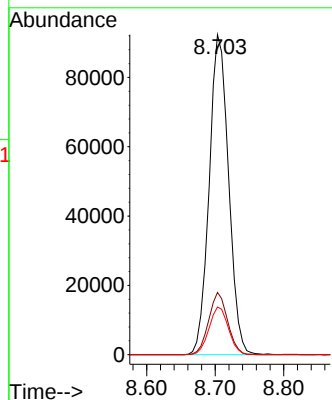
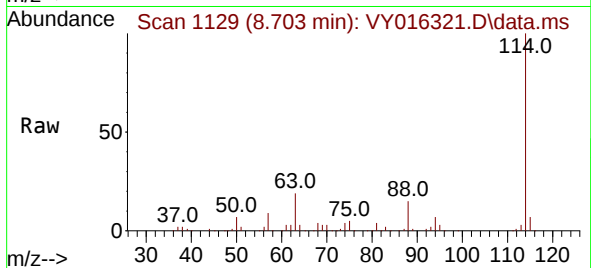
Tgt Ion:114 Resp: 181973

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.143 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016321.D

Acq: 13 Nov 2023 12:43

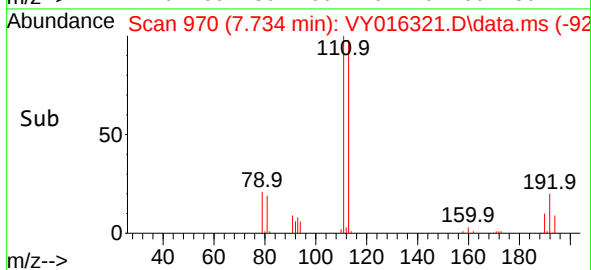
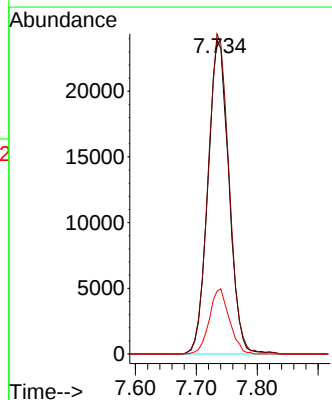
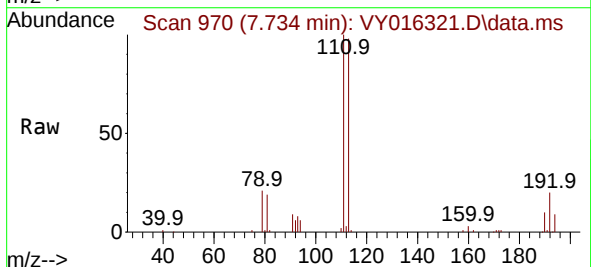
Tgt Ion:113 Resp: 57002

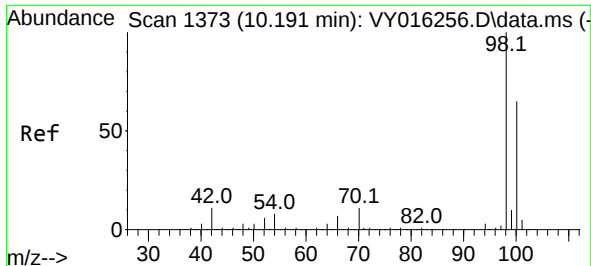
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.8 16.9 25.3

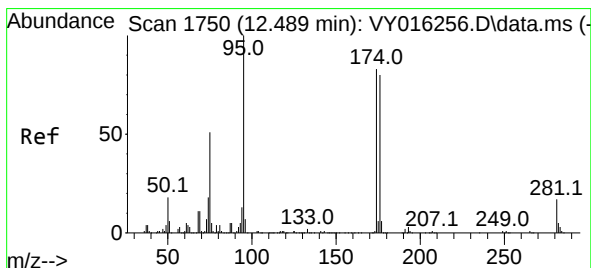
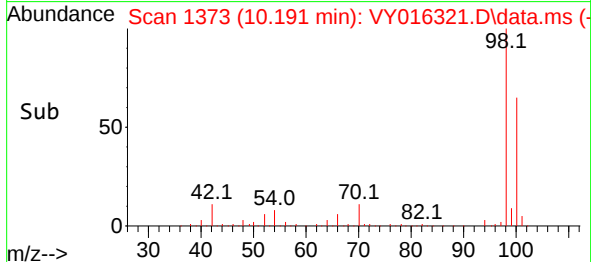
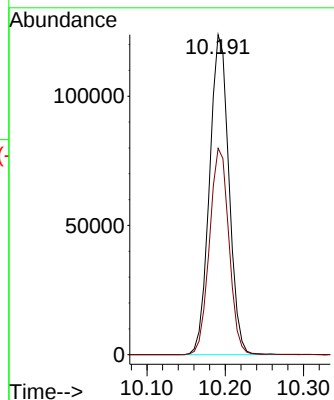
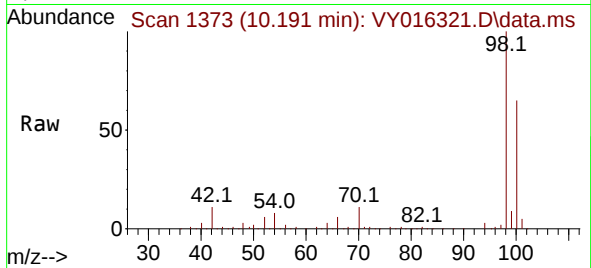




#50
Toluene-d8
Concen: 50.757 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

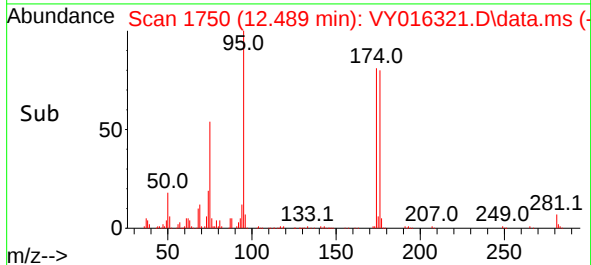
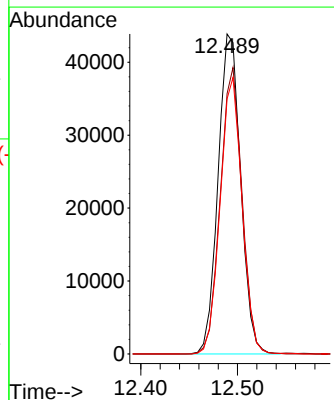
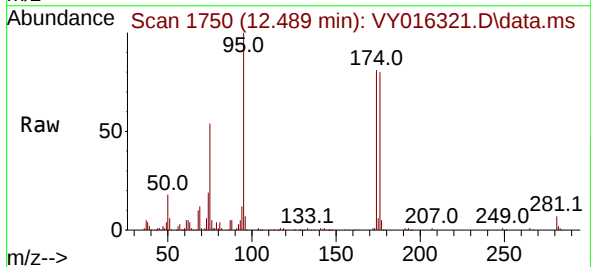
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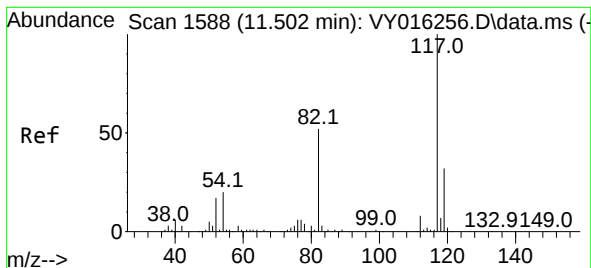
Tgt Ion: 98 Resp: 212773
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.121 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 95 Resp: 70962
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016321.D

Acq: 13 Nov 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

210

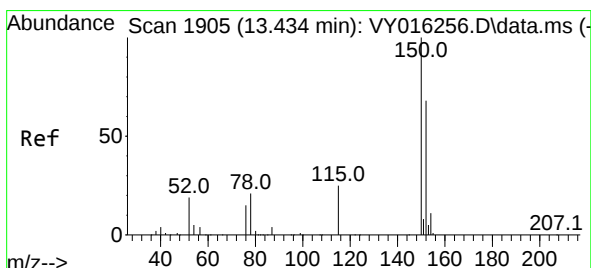
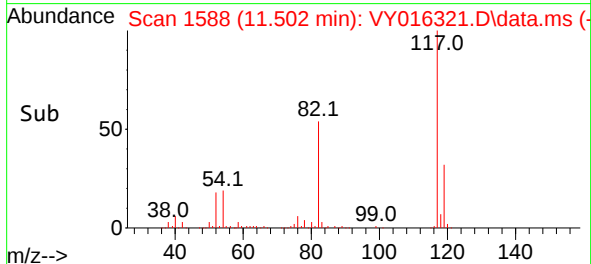
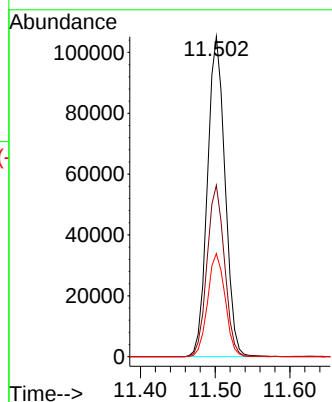
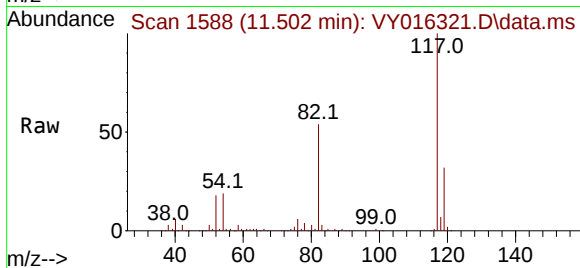
Tgt Ion:117 Resp: 171899

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.2 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: VY016321.D

Acq: 13 Nov 2023 12:43

Tgt Ion:152 Resp: 75515

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.4 0.0 348.8

