

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016565.D
 Acq On : 01 Dec 2023 16:59
 Operator : SY/MD
 Sample : 05602-05
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPRING-VALLEY-TP-3

Quant Time: Dec 01 23:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

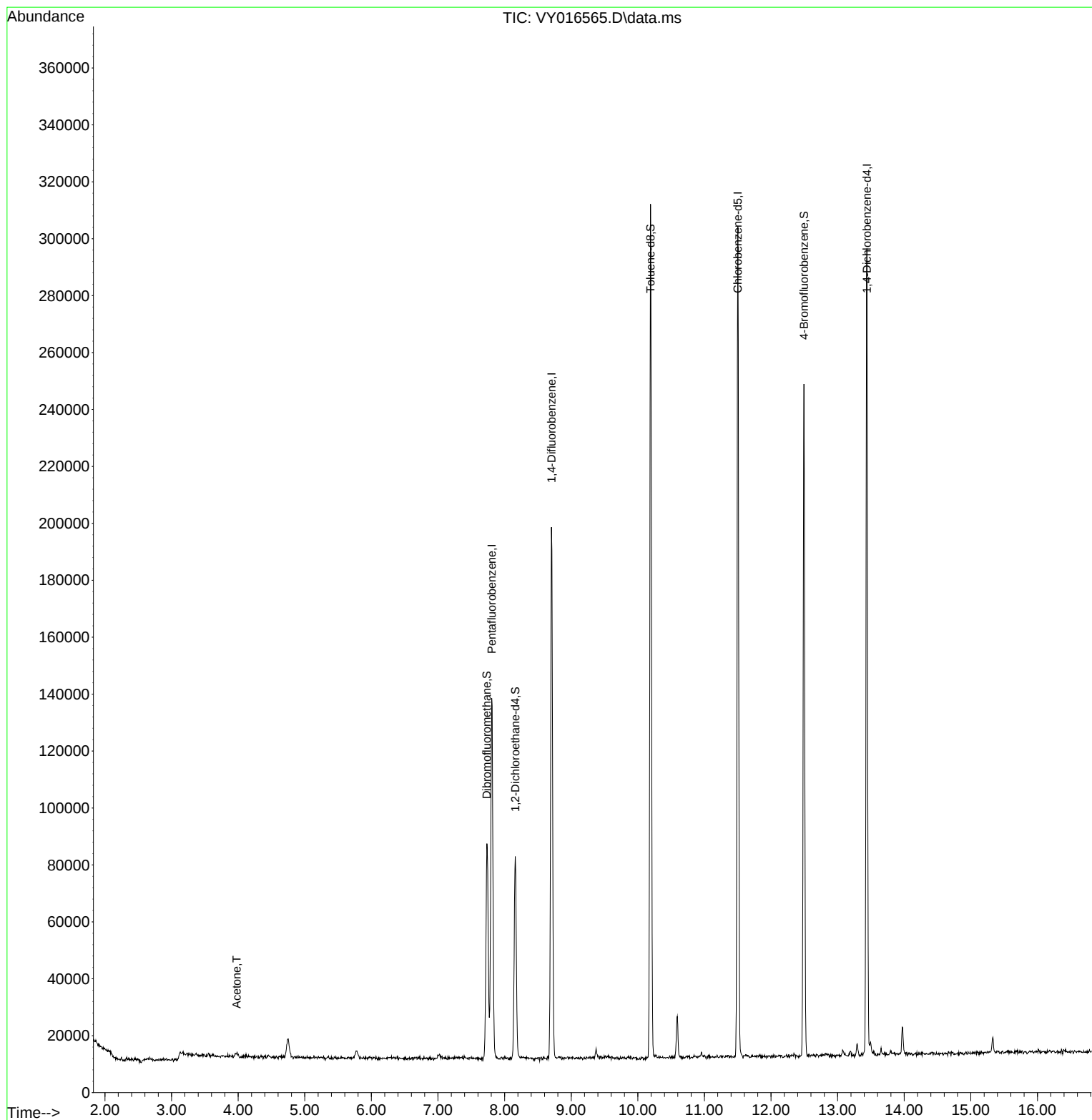
Internal Standards						
1) Pentafluorobenzene	7.807	168	104940	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	176679	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	172421	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	82527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59450	71.707	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.420%	
35) Dibromofluoromethane	7.734	113	55527	53.549	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.191	98	202711	50.403	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.495	95	71837	56.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.880%	
Target Compounds						
16) Acetone	3.979	43	2123	17.295	ug/l	98

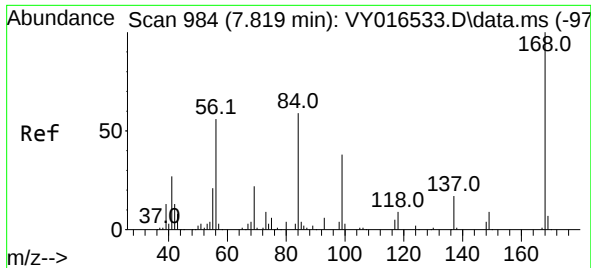
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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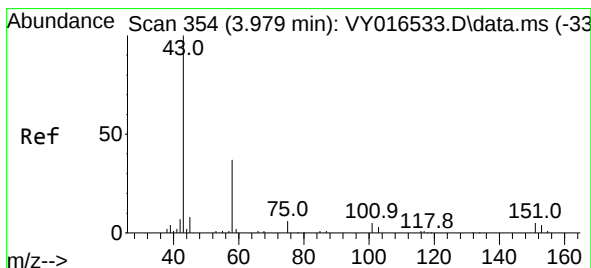
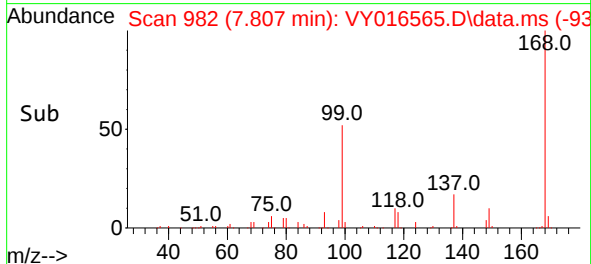
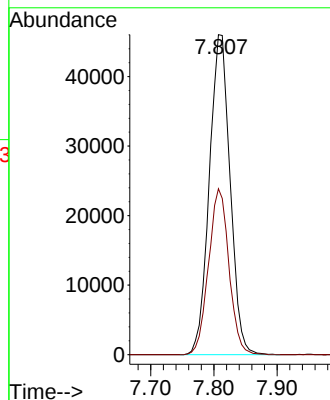
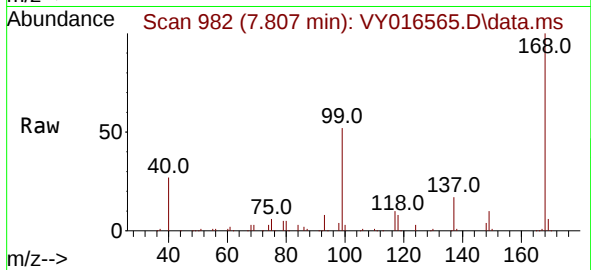




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

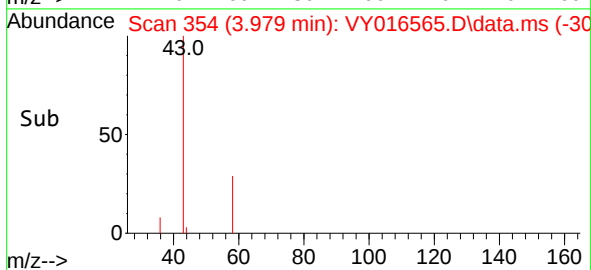
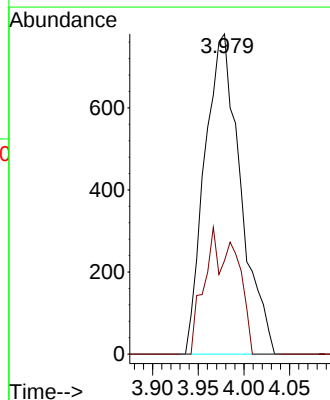
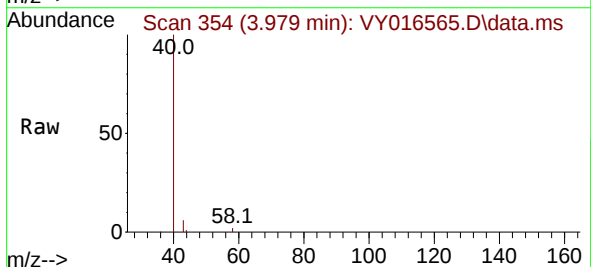
Instrument :
MSVOA_Y
ClientSampleId :
SPRING-VALLEY-TP-3

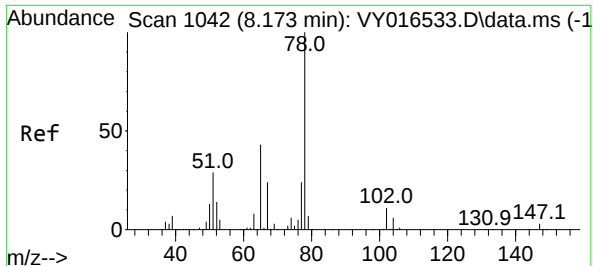
Tgt Ion:168 Resp: 104940
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 17.295 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 71.707 ug/l

RT: 8.161 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

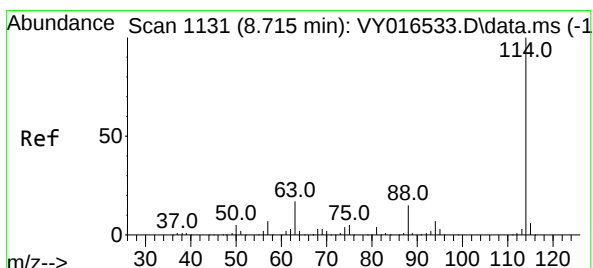
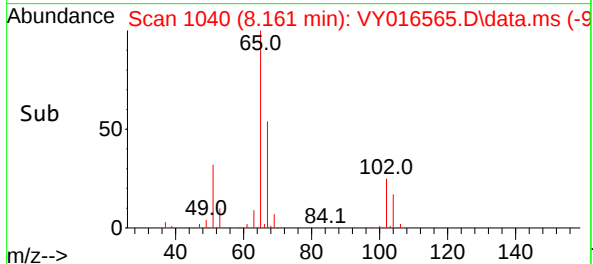
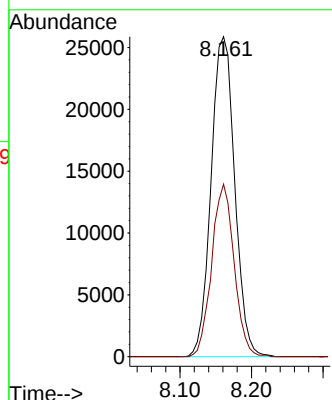
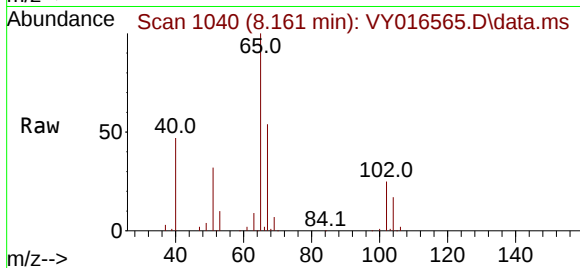
SPRING-VALLEY-TP-3

Tgt Ion: 65 Resp: 59450

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

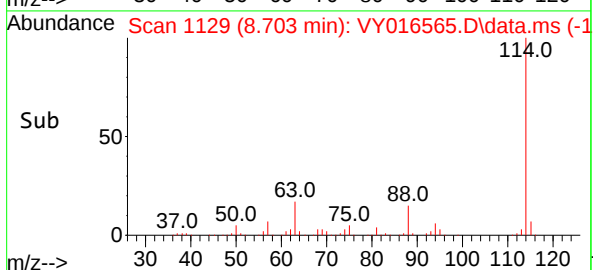
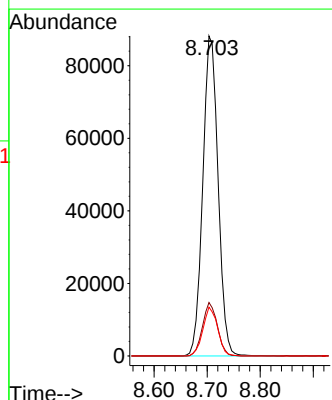
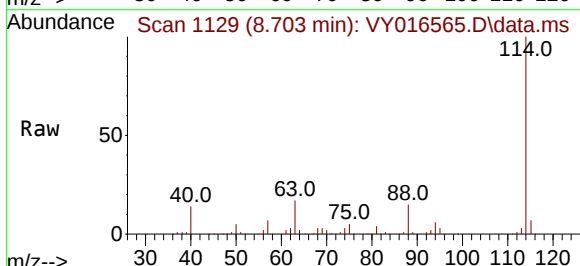
Tgt Ion: 114 Resp: 176679

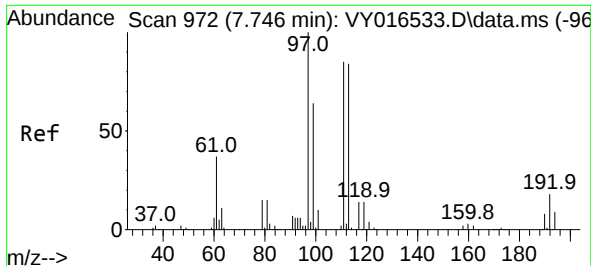
Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.549 ug/l

RT: 7.734 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

SPRING-VALLEY-TP-3

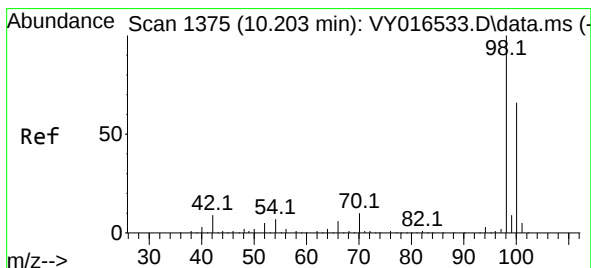
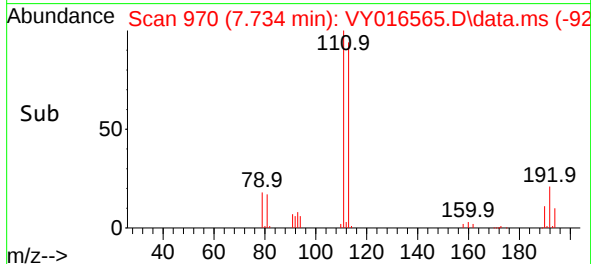
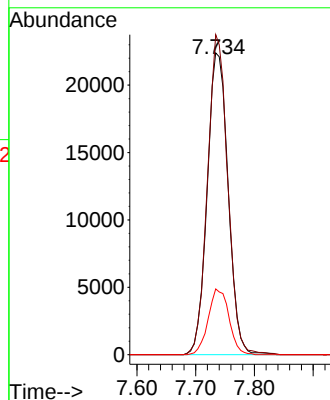
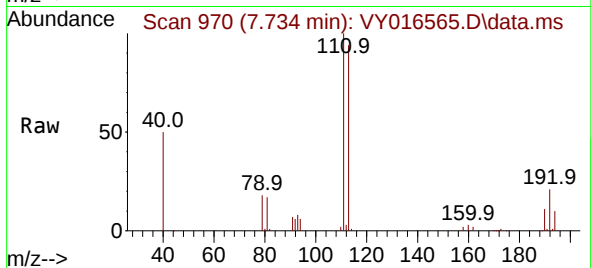
Tgt Ion:113 Resp: 55527

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.5 16.9 25.3



#50

Toluene-d8

Concen: 50.403 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.012 min

Lab File: VY016565.D

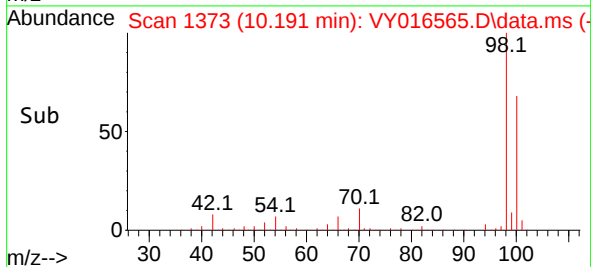
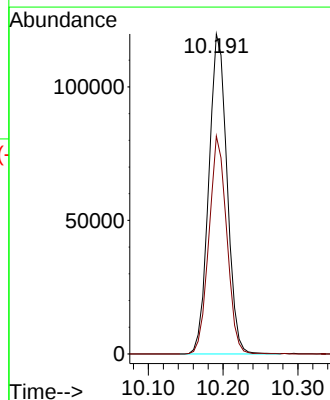
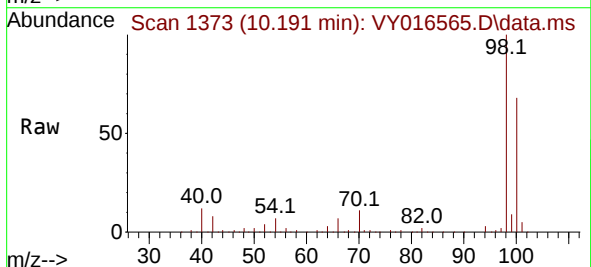
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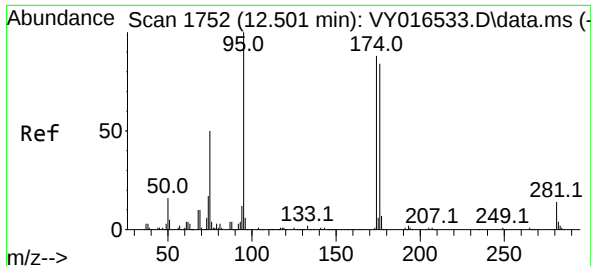
Tgt Ion: 98 Resp: 202711

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1

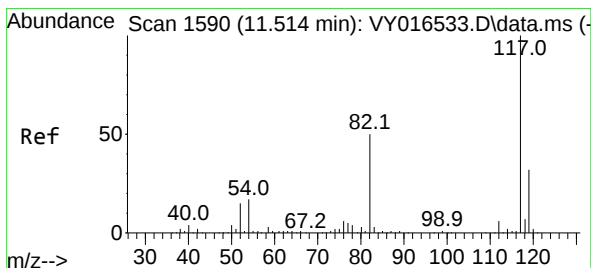
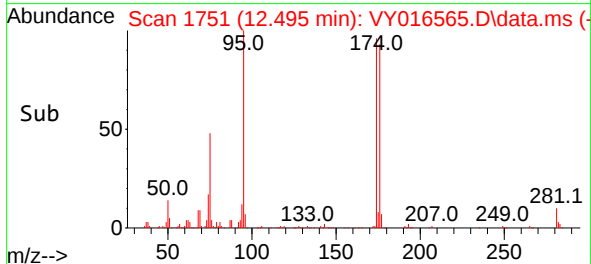
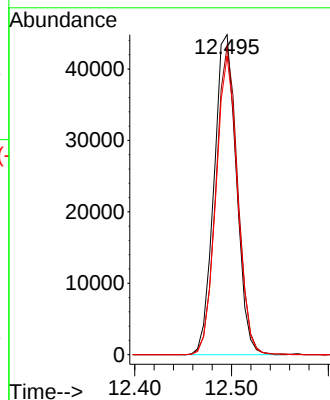
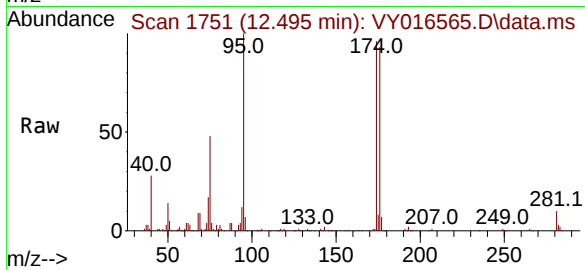




#62
4-Bromofluorobenzene
Concen: 56.938 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

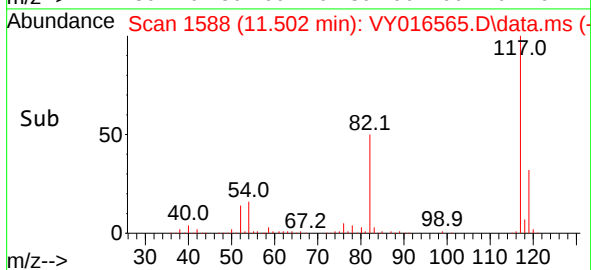
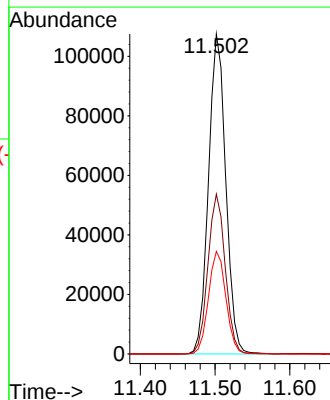
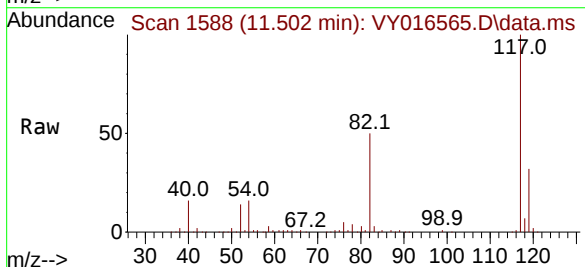
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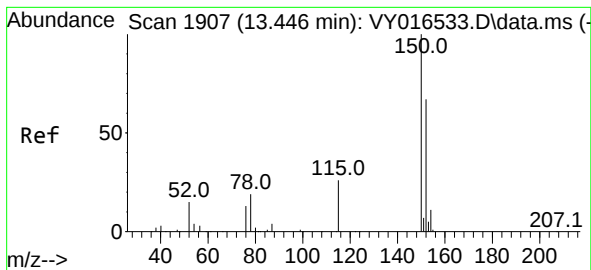
Tgt Ion: 95 Resp: 71837
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.012 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Tgt Ion: 117 Resp: 172421
Ion Ratio Lower Upper
117 100
82 49.9 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016565.D

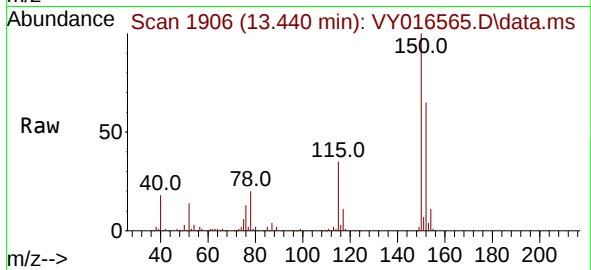
Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

SPRING-VALLEY-TP-3



Tgt Ion:152 Resp: 82527

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 154.1 0.0 348.8

