

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016467.D
 Acq On : 22 Nov 2023 17:07
 Operator : SY/MD
 Sample : 05505-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-D

Quant Time: Nov 23 04:08:40 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)

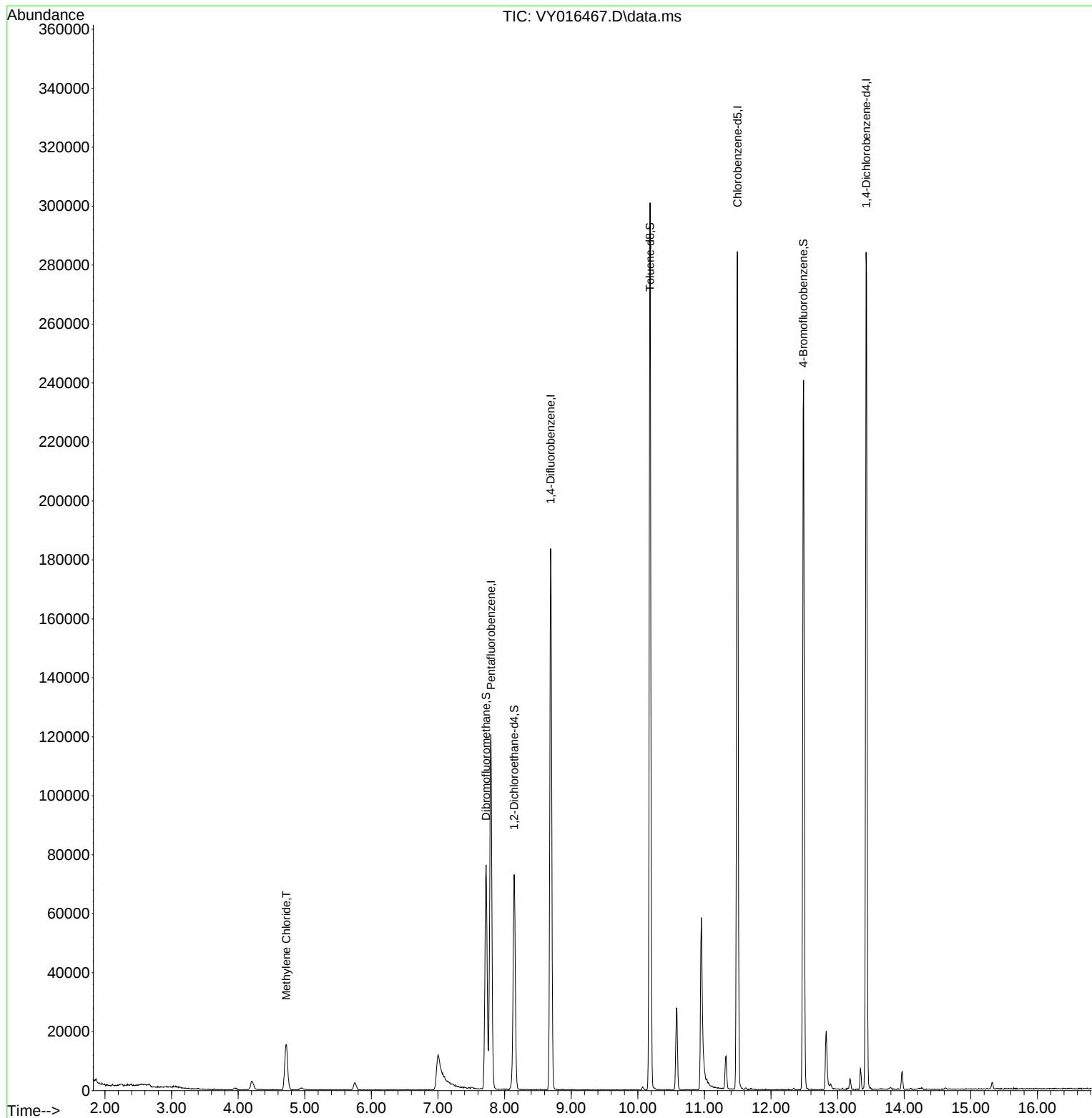
Internal Standards						
1) Pentafluorobenzene	7.795	168	97833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168343	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	167338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57156	63.922	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.840%	
35) Dibromofluoromethane	7.722	113	54556	57.049	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.100%	
50) Toluene-d8	10.185	98	198880	51.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.483	95	70366	55.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	12837	9.464	ug/l #	83

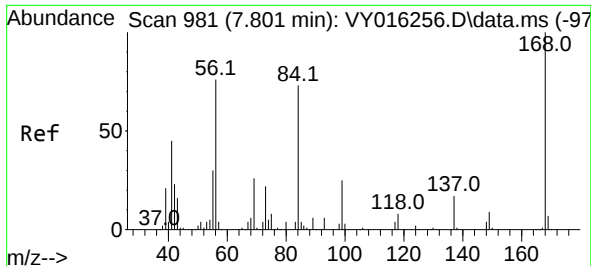
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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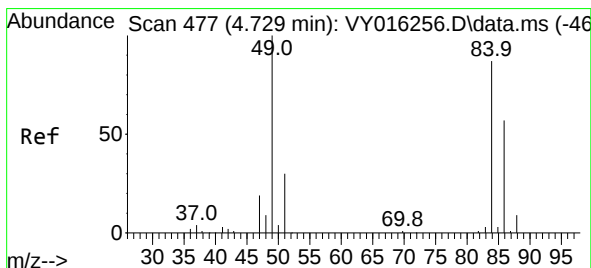
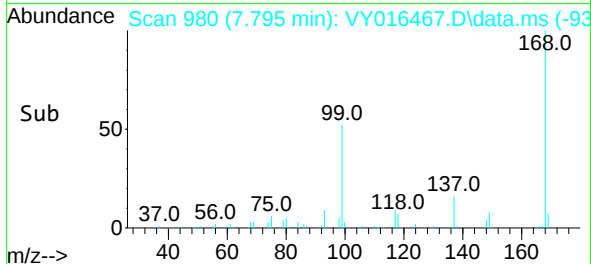
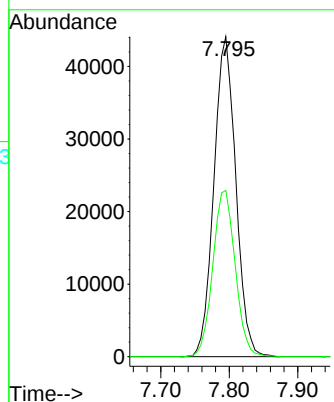
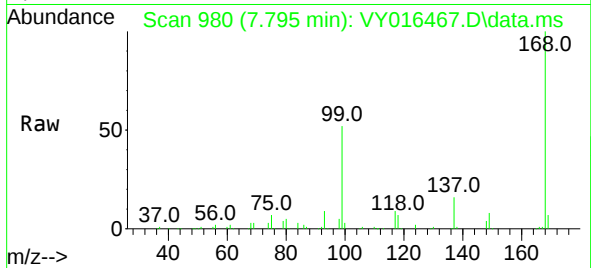




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

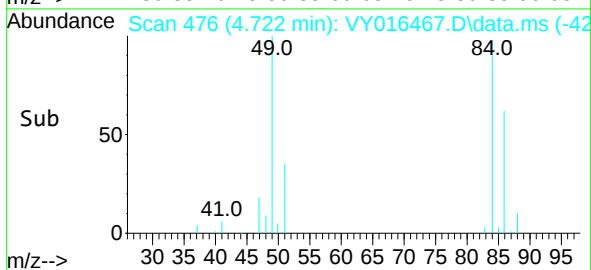
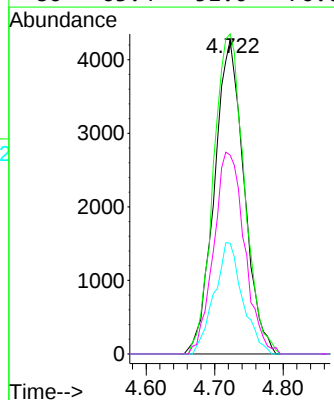
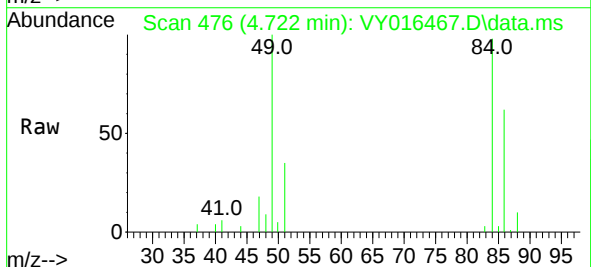
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

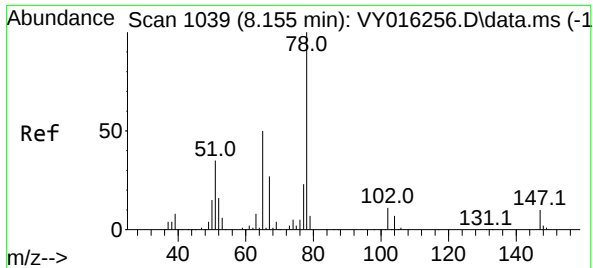
Tgt Ion:168 Resp: 97833
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#20
Methylene Chloride
Concen: 9.464 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

Tgt Ion: 84 Resp: 12837
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 35.3 33.2 49.8
86 63.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.922 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016467.D

Acq: 22 Nov 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

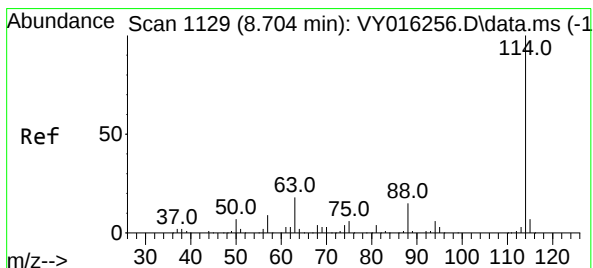
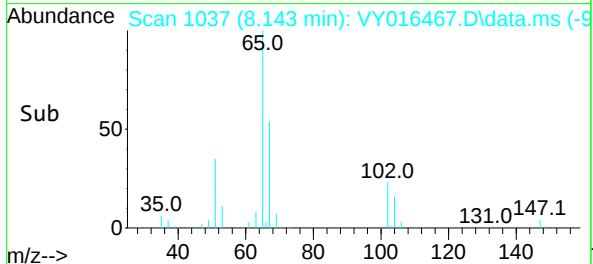
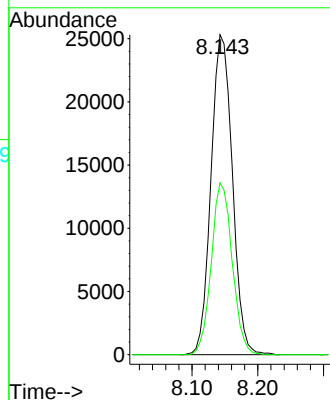
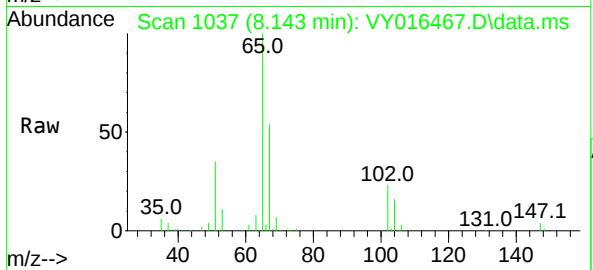
TP-D

Tgt Ion: 65 Resp: 57156

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016467.D

Acq: 22 Nov 2023 17:07

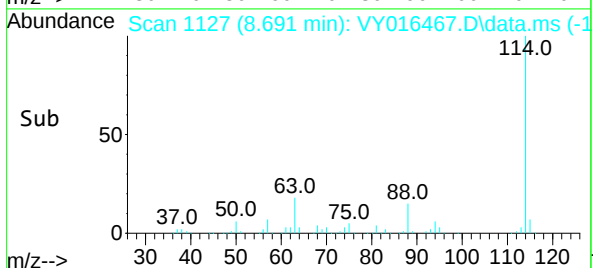
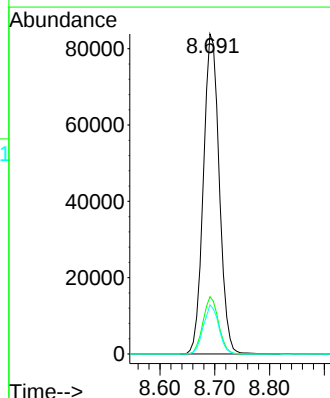
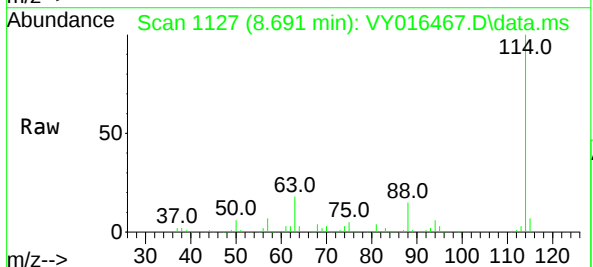
Tgt Ion: 114 Resp: 168343

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.4 0.0 30.6

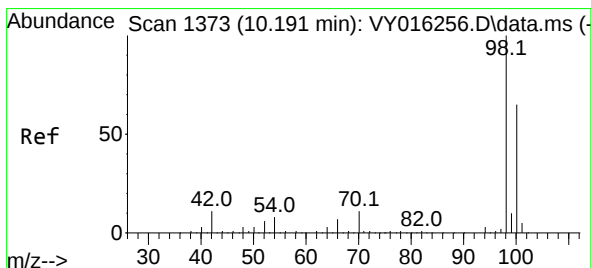
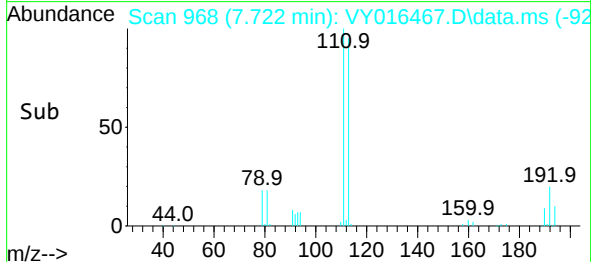
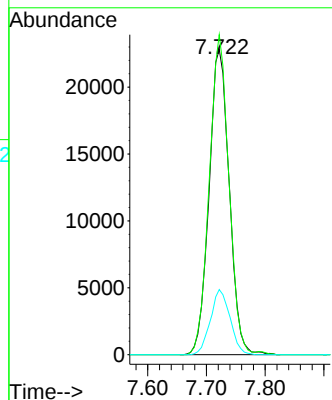
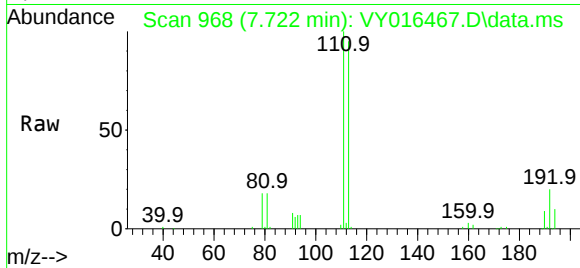




#35
Dibromofluoromethane
Concen: 57.049 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

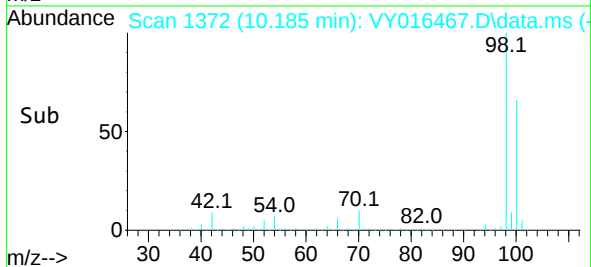
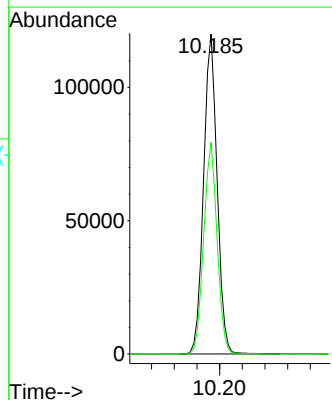
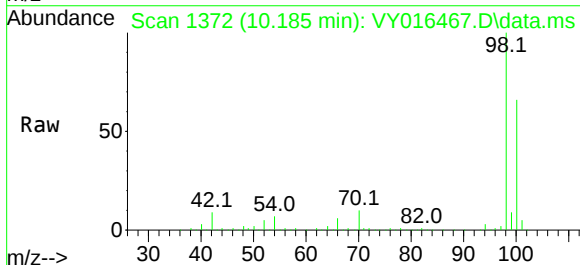
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

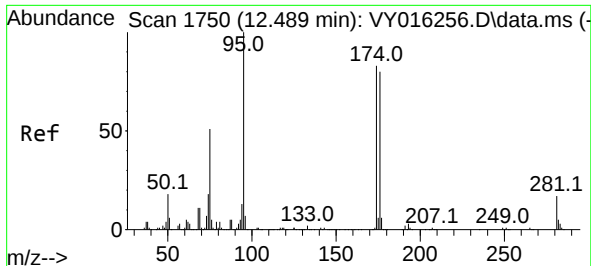
Tgt Ion:113 Resp: 54556
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.7 16.9 25.3



#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

Tgt Ion: 98 Resp: 198880
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

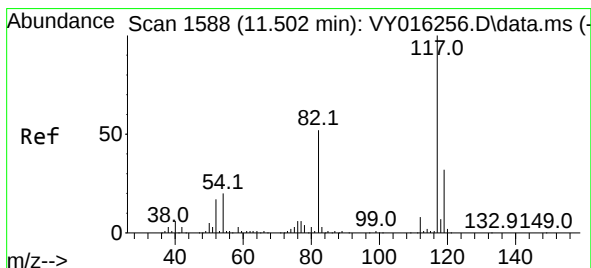
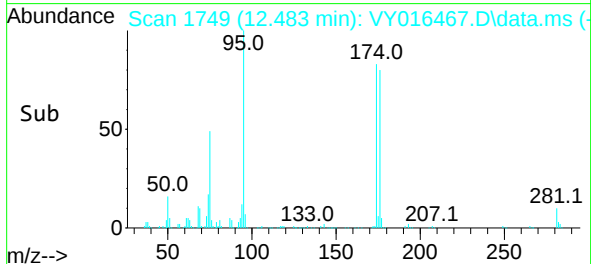
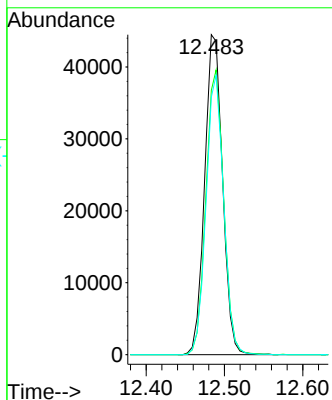
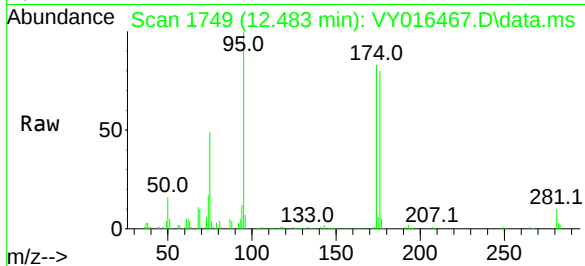




#62
4-Bromofluorobenzene
Concen: 55.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

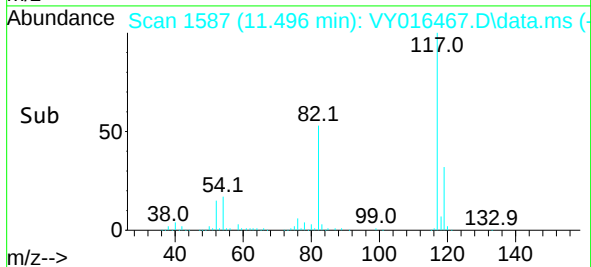
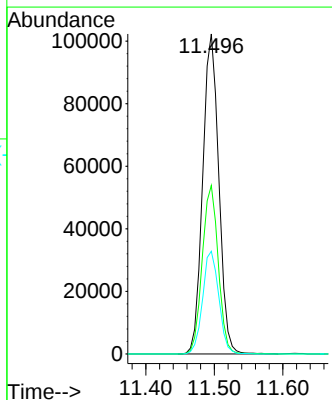
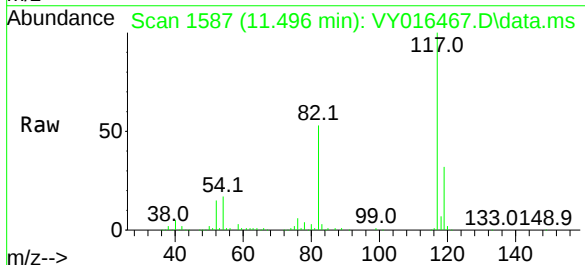
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

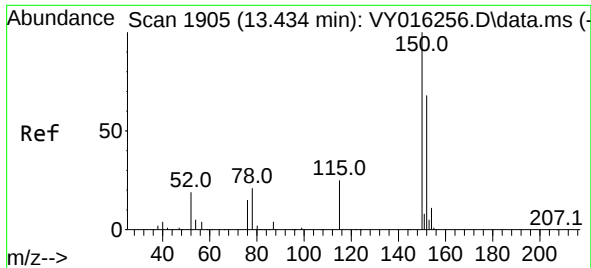
Tgt Ion: 95 Resp: 70366
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 85.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016467.D
Acq: 22 Nov 2023 17:07

Tgt Ion: 117 Resp: 167338
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016467.D

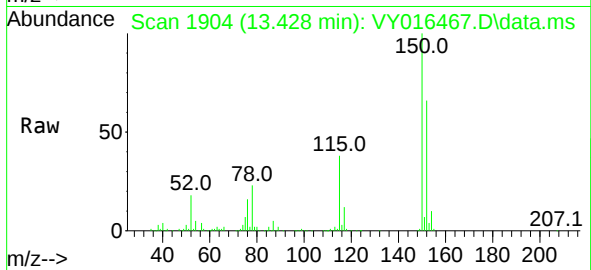
Acq: 22 Nov 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-D



Tgt Ion:152 Resp: 79175

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 154.4 0.0 348.8

