

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016287.D
 Acq On : 09 Nov 2023 17:21
 Operator : SY/MD
 Sample : 05311-13
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Nov 09 23:01:37 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	94638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61800	71.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.900%
35) Dibromofluoromethane	7.728	113	52913	54.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.400%
50) Toluene-d8	10.185	98	203051	51.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.483	95	72606	56.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.920%

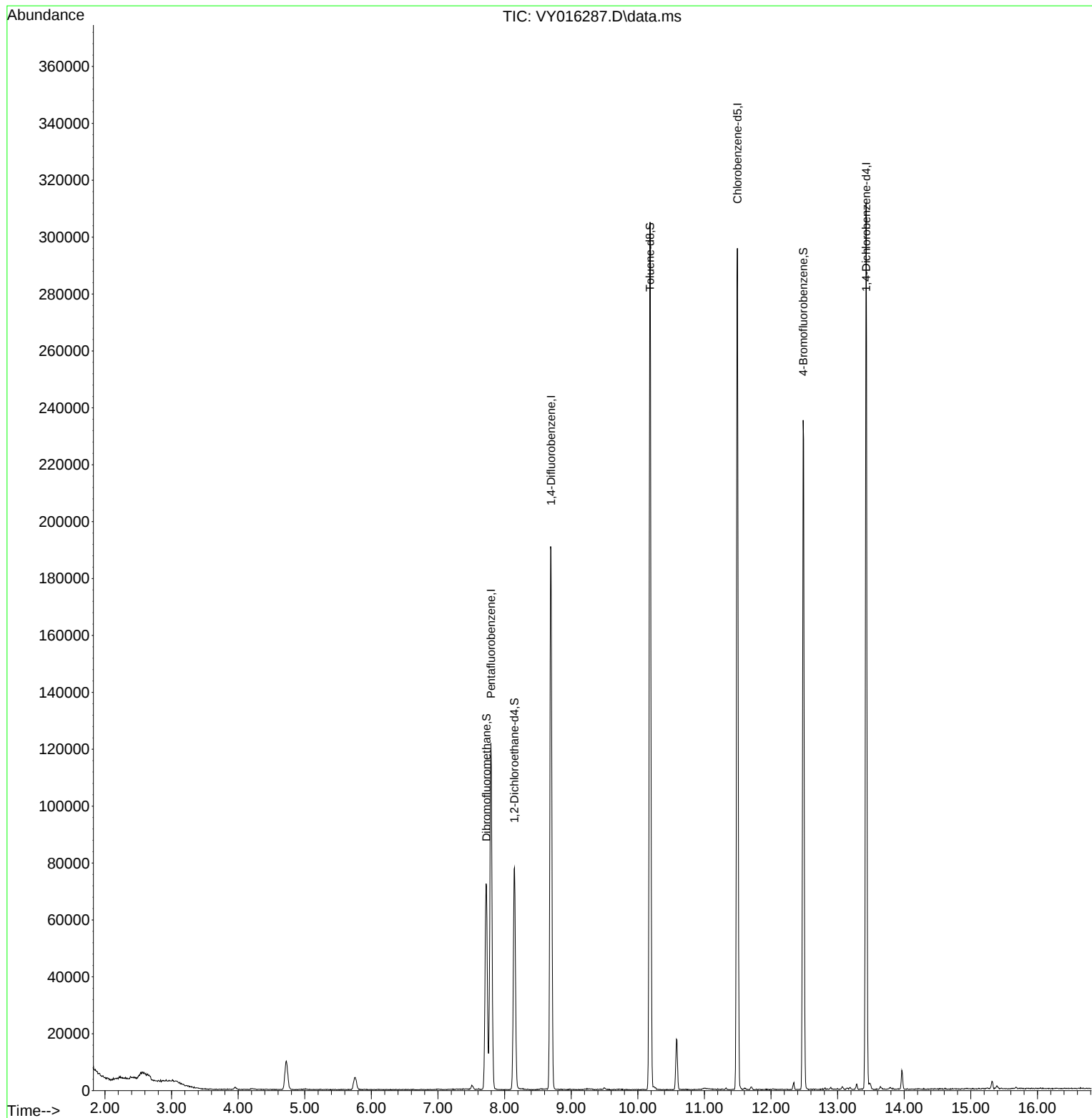
Target Compounds	Qvalue

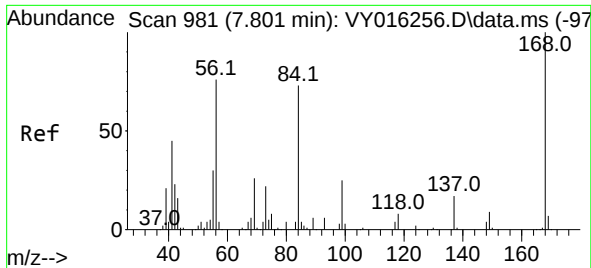
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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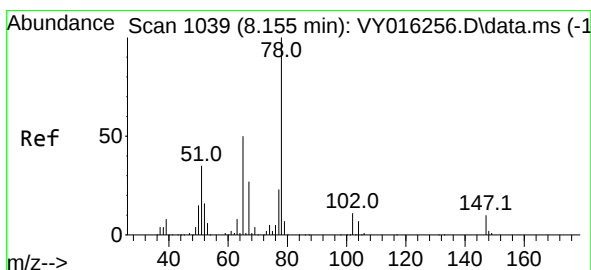
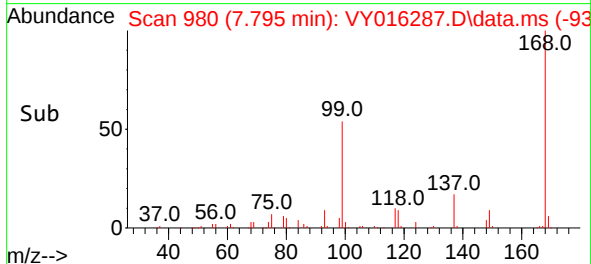
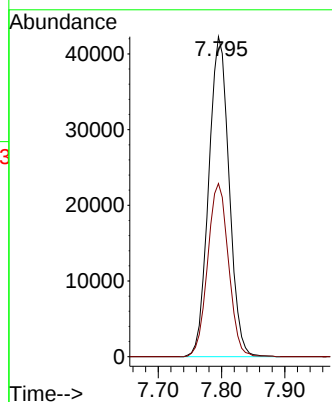
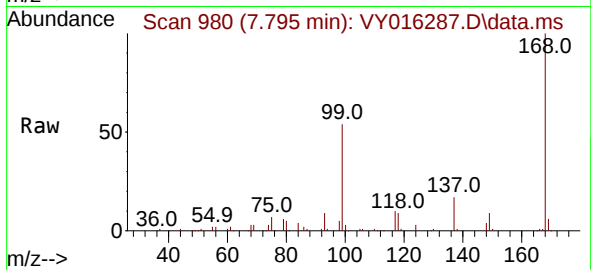




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

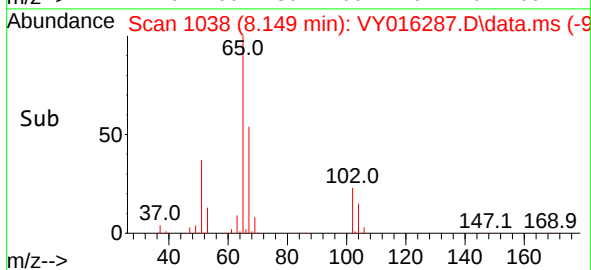
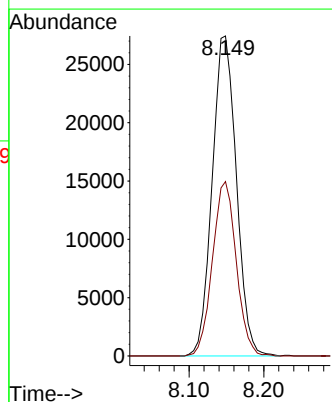
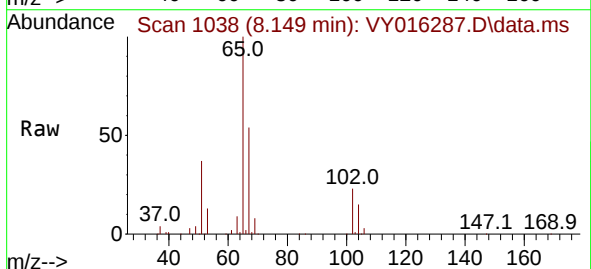
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

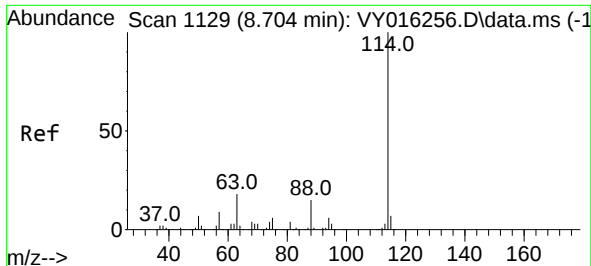
Tgt Ion:168 Resp: 94638
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 71.449 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 65 Resp: 61800
Ion Ratio Lower Upper
65 100
67 53.6 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: VY016287.D

Acq: 09 Nov 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

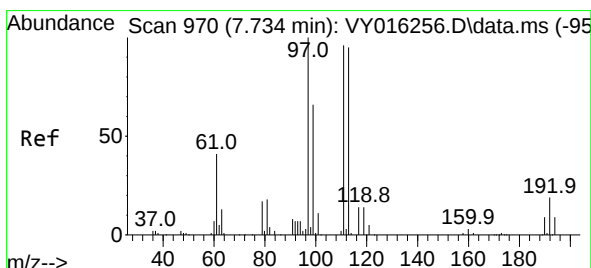
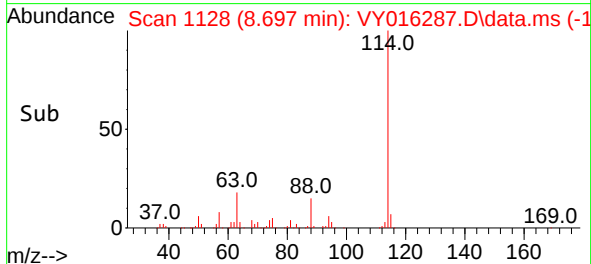
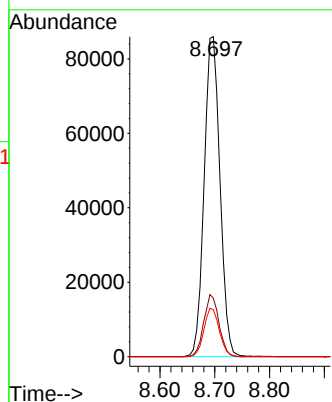
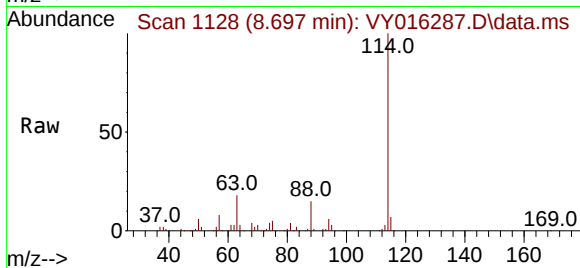
Tgt Ion:114 Resp: 171865

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.197 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

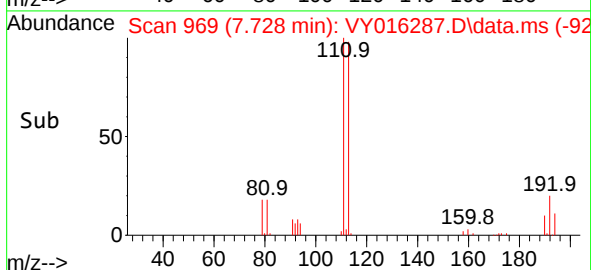
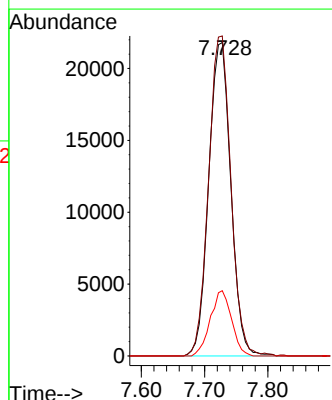
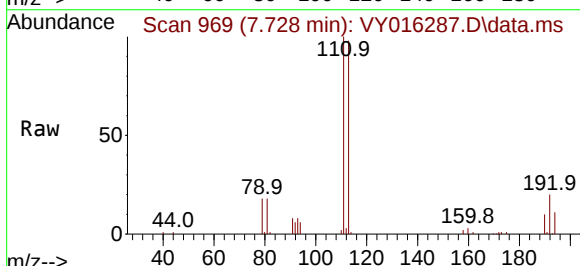
Tgt Ion:113 Resp: 52913

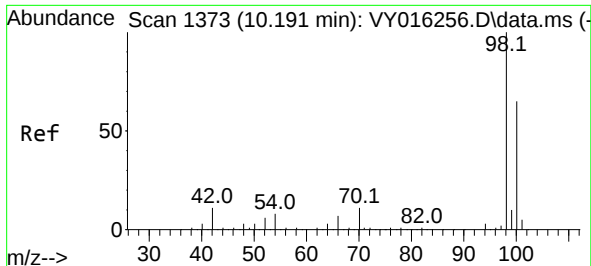
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.0 16.9 25.3

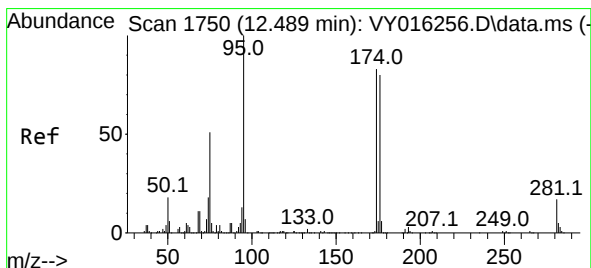
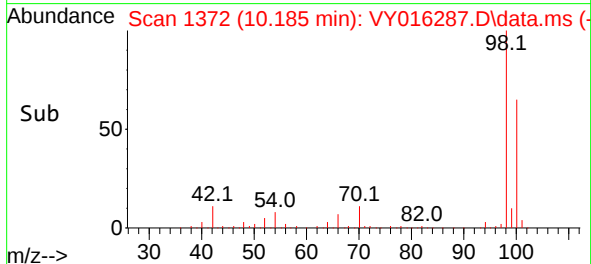
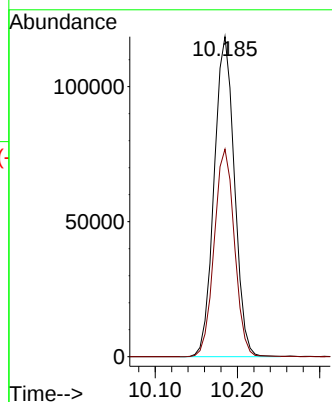
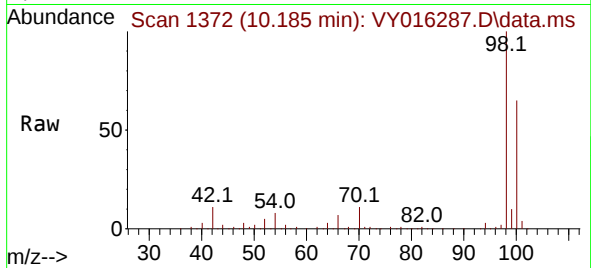




#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

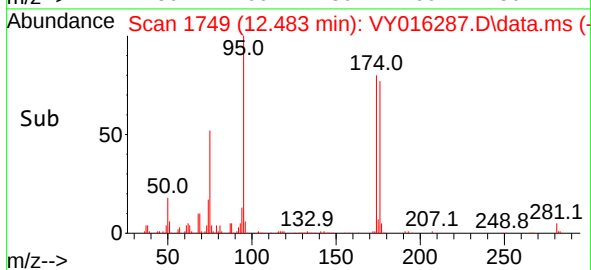
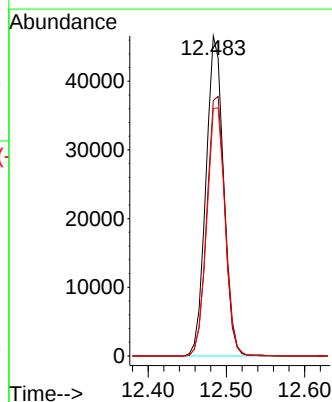
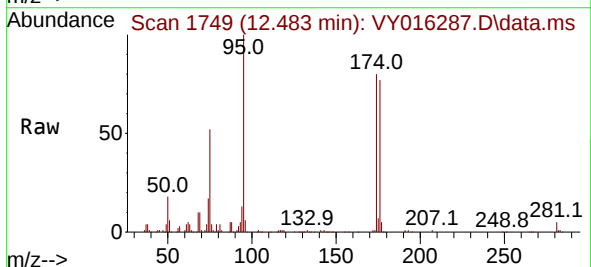
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

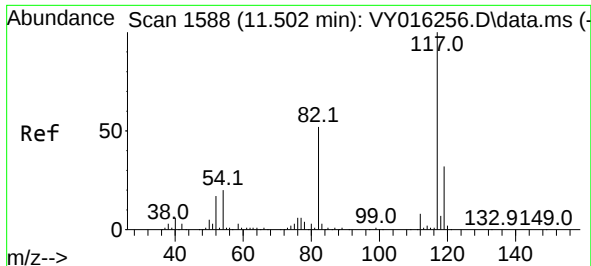
Tgt Ion: 98 Resp: 203051
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 95 Resp: 72606
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.4 0.0 173.8

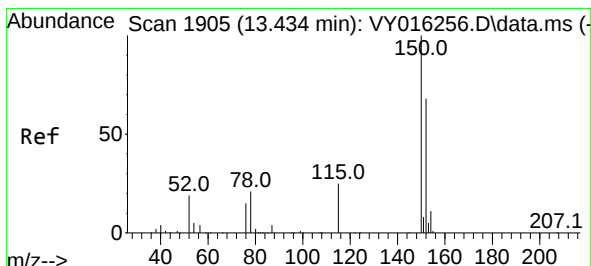
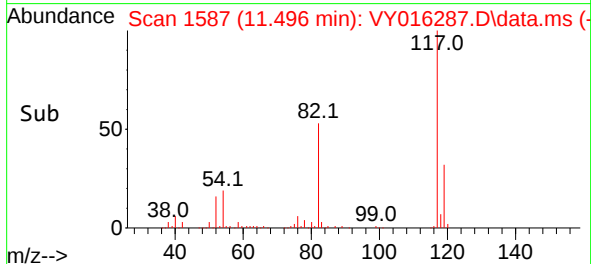
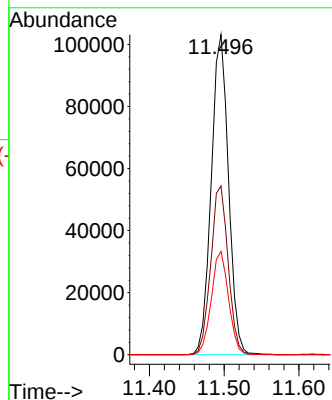
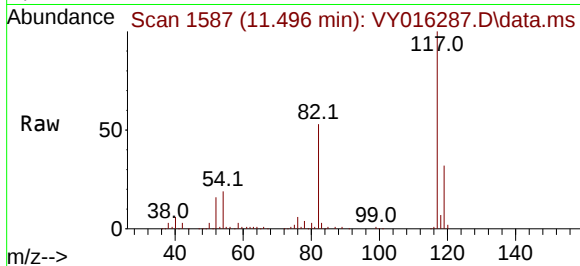




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 165280
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.3 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: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion:152 Resp: 78194
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 157.5 0.0 348.8

