

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016288.D
 Acq On : 09 Nov 2023 17:44
 Operator : SY/MD
 Sample : 05311-16
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Nov 09 23:01:58 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	95403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63240	72.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.060%
35) Dibromofluoromethane	7.722	113	53190	55.027	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.060%
50) Toluene-d8	10.185	98	201594	51.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.483	95	71525	56.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.360%

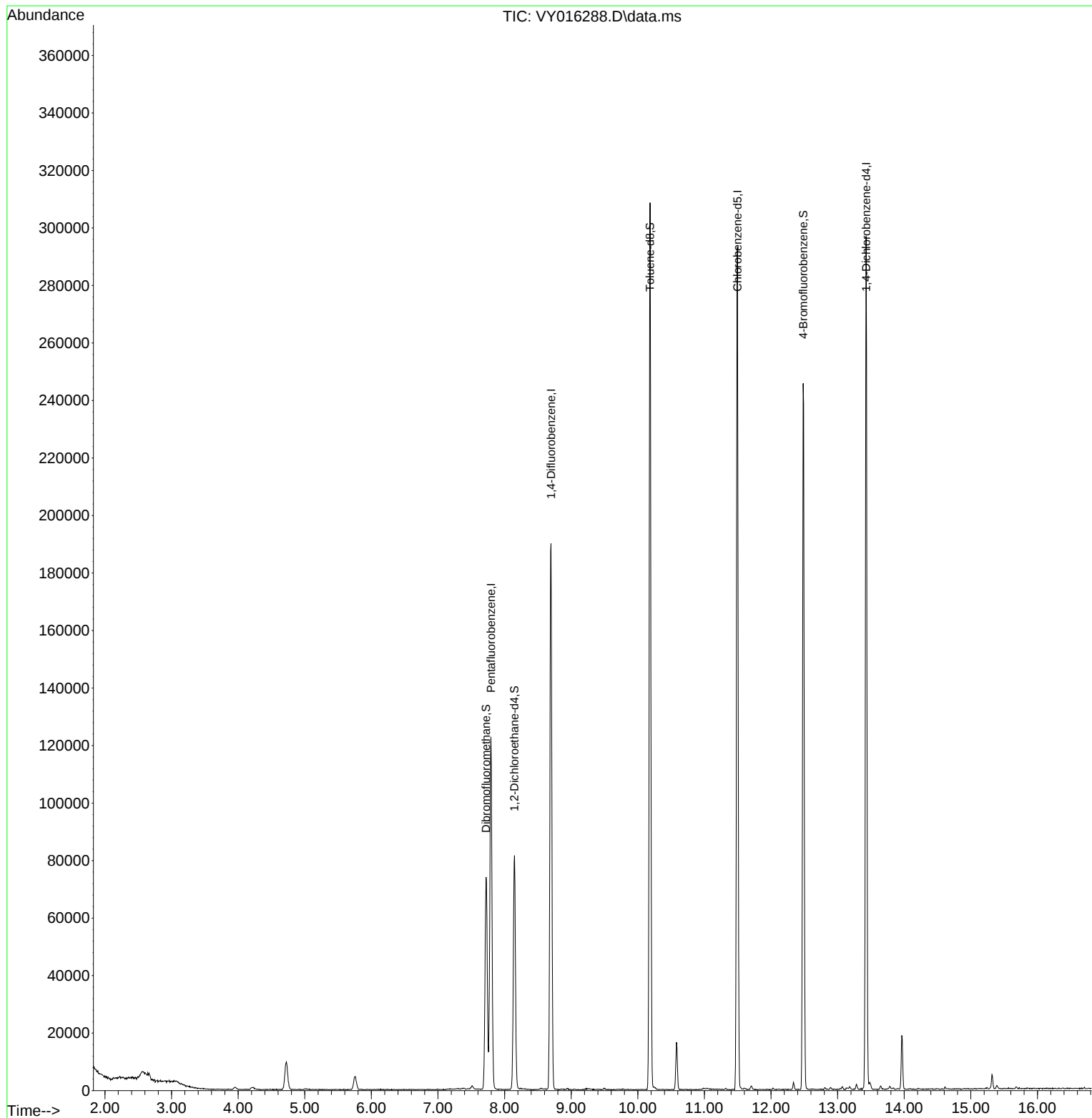
Target Compounds	Qvalue

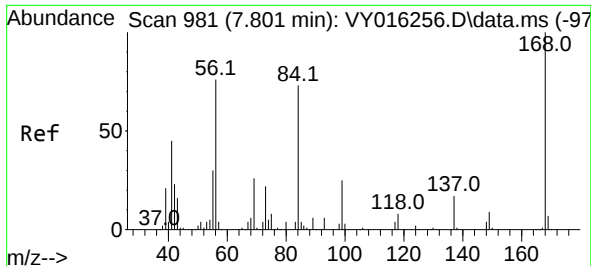
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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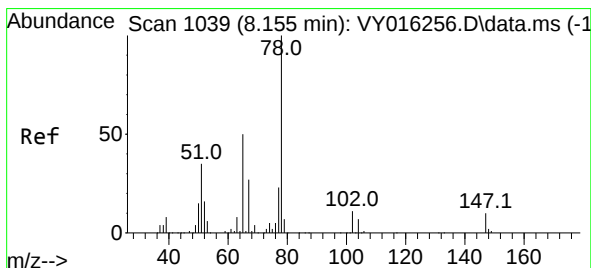
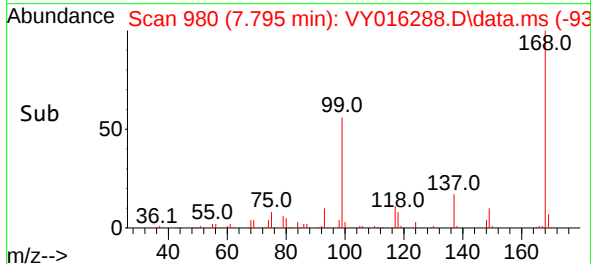
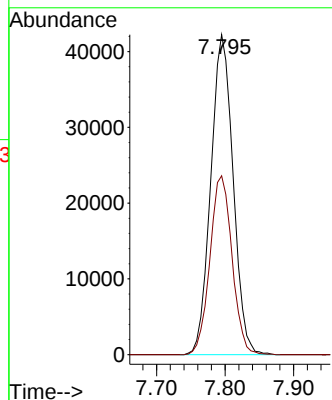
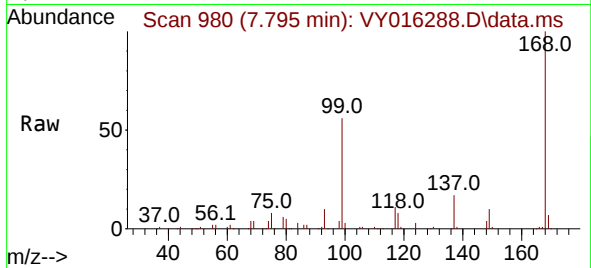




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

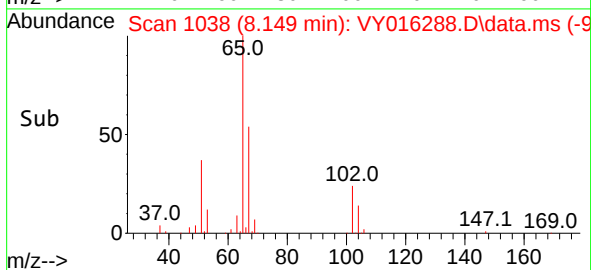
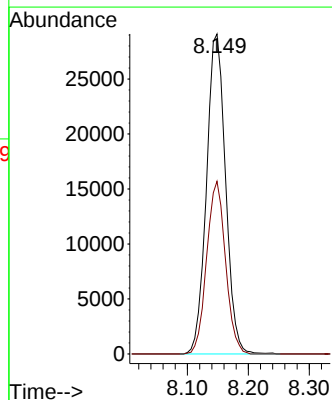
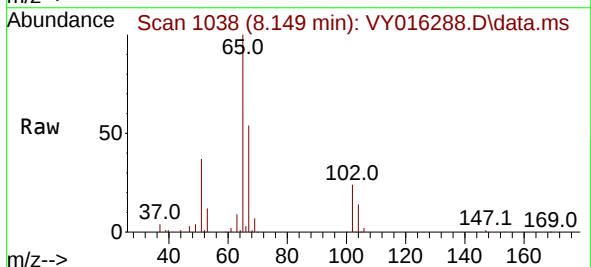
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

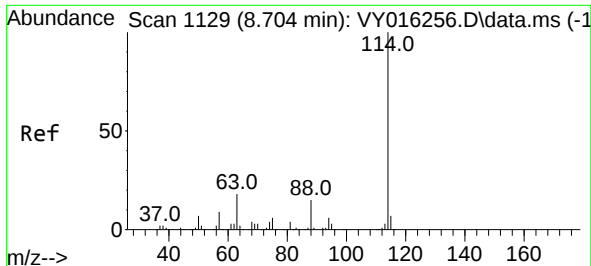
Tgt Ion:168 Resp: 95403
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 72.527 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion: 65 Resp: 63240
Ion Ratio Lower Upper
65 100
67 53.2 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: VY016288.D

Acq: 09 Nov 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

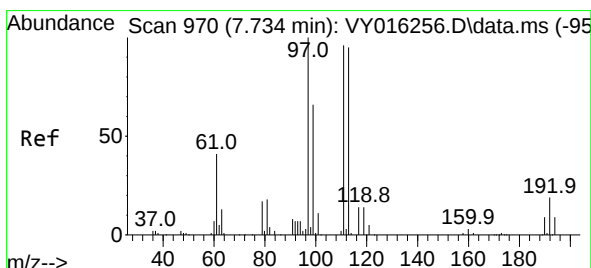
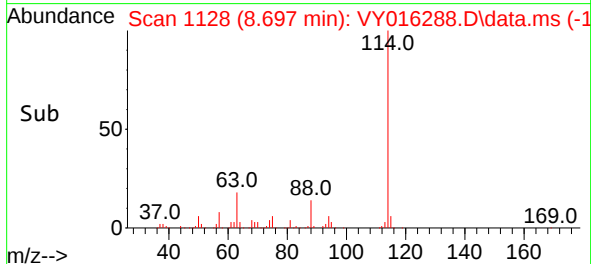
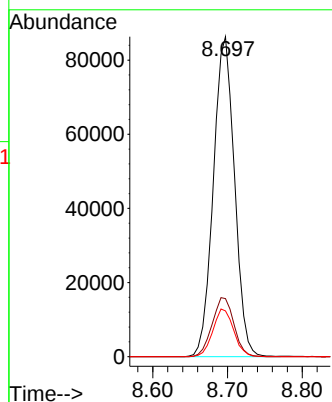
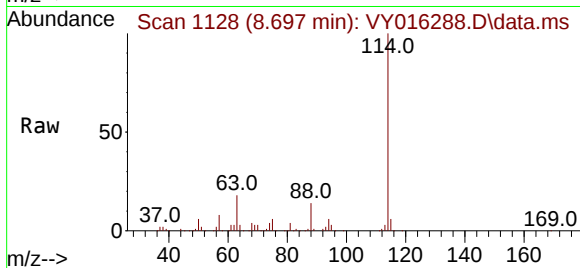
Tgt Ion:114 Resp: 170160

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.027 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016288.D

Acq: 09 Nov 2023 17:44

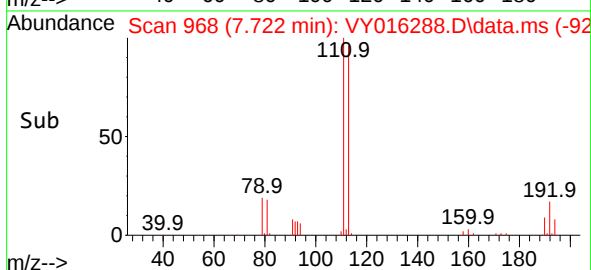
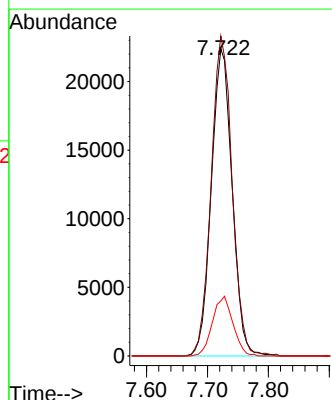
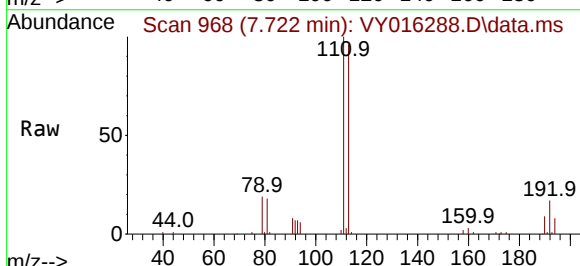
Tgt Ion:113 Resp: 53190

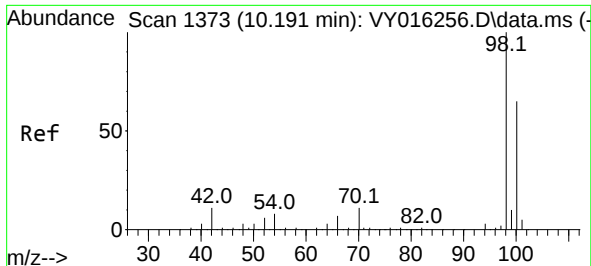
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 19.1 16.9 25.3

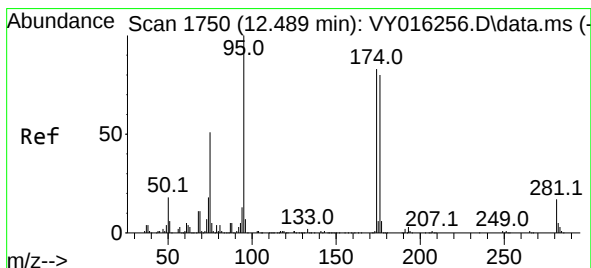
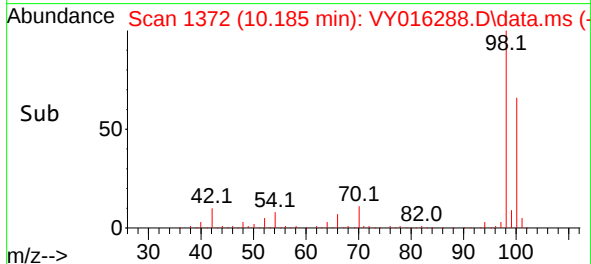
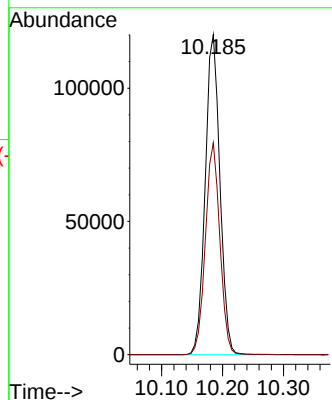
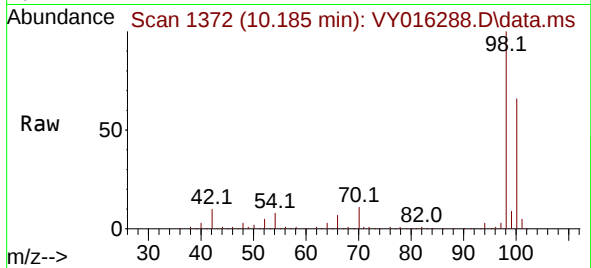




#50
Toluene-d8
Concen: 51.429 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

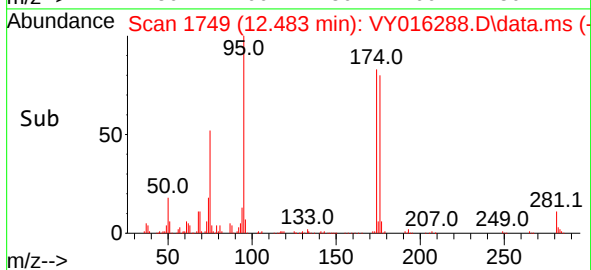
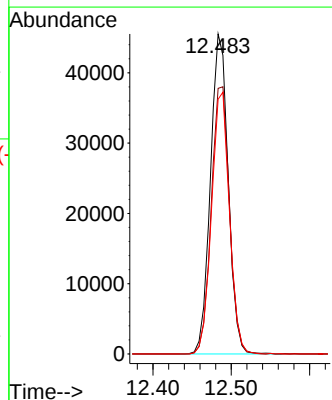
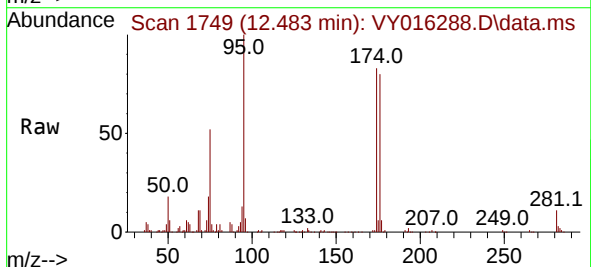
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

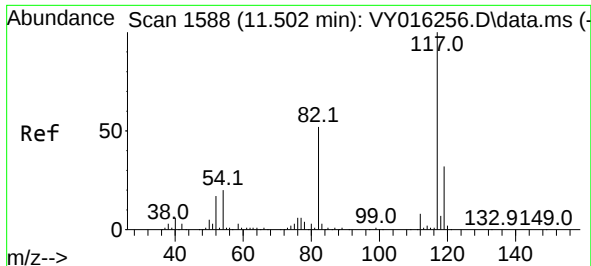
Tgt Ion: 98 Resp: 201594
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion: 95 Resp: 71525
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8

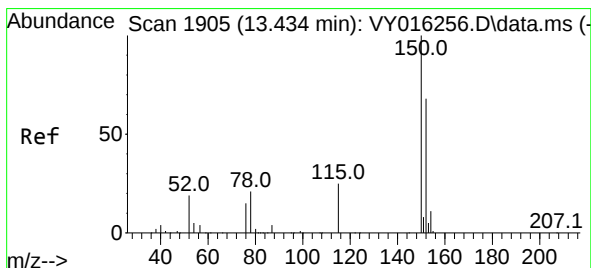
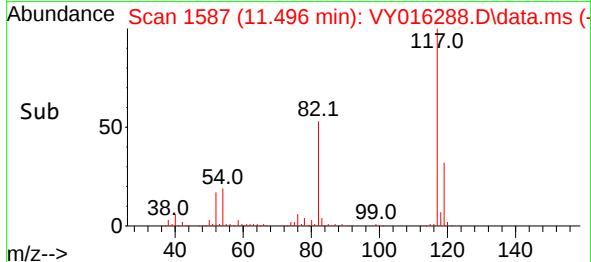
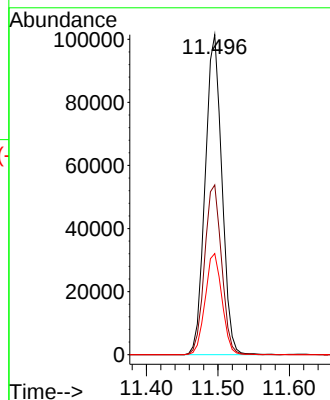
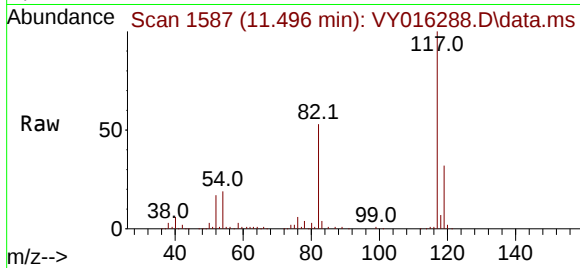




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 164668
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.6 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: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion:152 Resp: 77675
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.9 0.0 348.8

