

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010356.D
 Acq On : 06 Sep 2022 19:02
 Operator : KP/MD
 Sample : N4500-11
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10.5-11.0

Quant Time: Sep 07 05:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	66045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	105242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29911	44.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.340%
35) Dibromofluoromethane	7.716	113	31135	44.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.179	98	121068	51.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.483	95	37066	37.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.860%

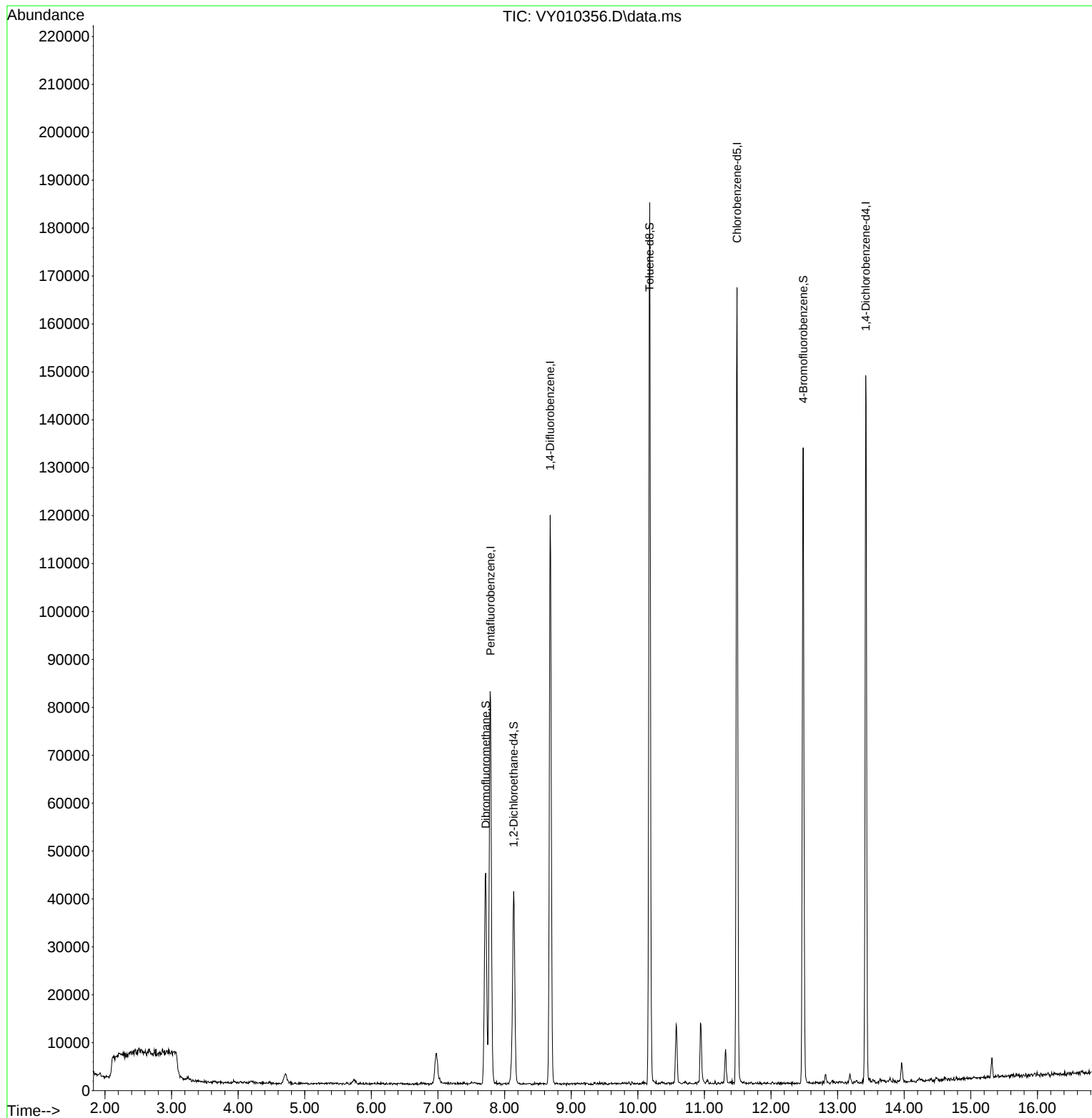
Target Compounds	Qvalue

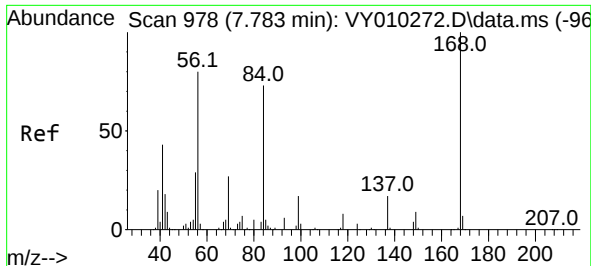
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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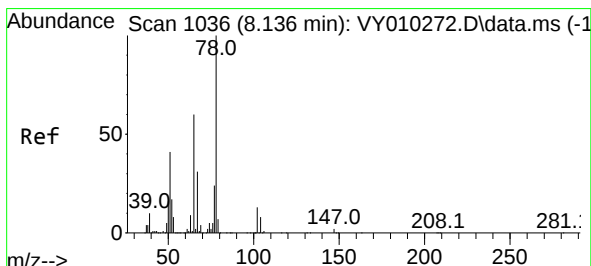
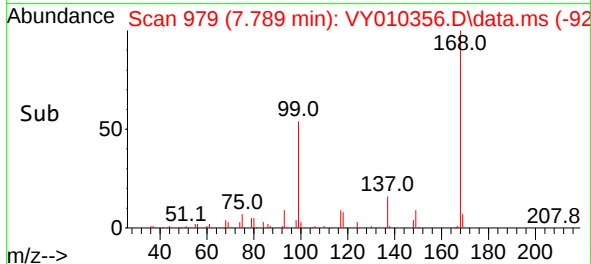
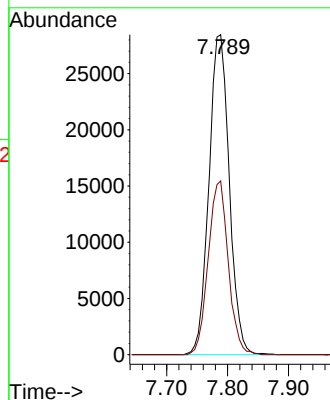
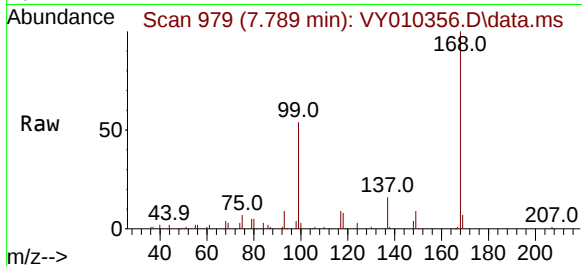




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

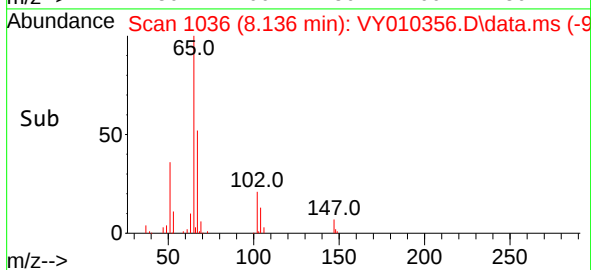
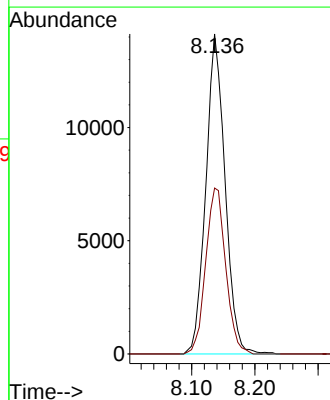
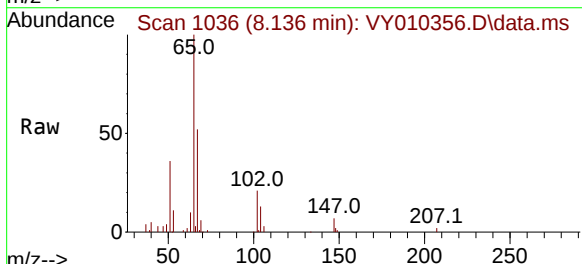
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

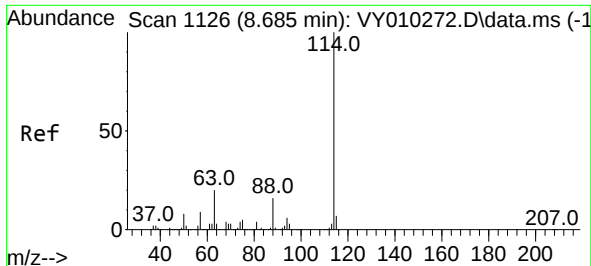
Tgt Ion:168 Resp: 66045
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.168 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

Tgt Ion: 65 Resp: 29911
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010356.D

Acq: 06 Sep 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-10.5-11.0

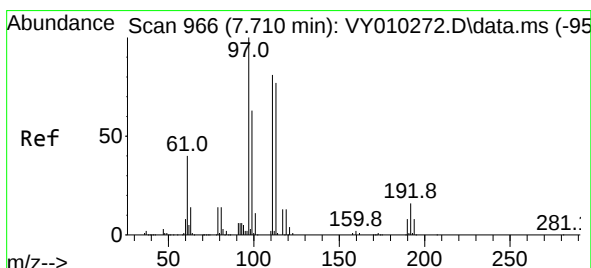
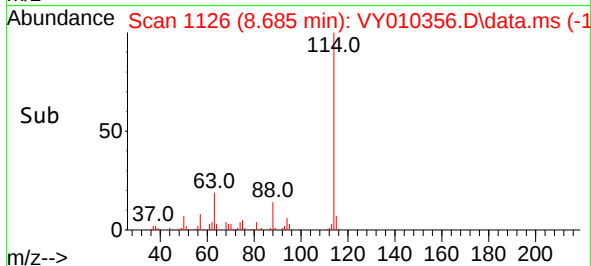
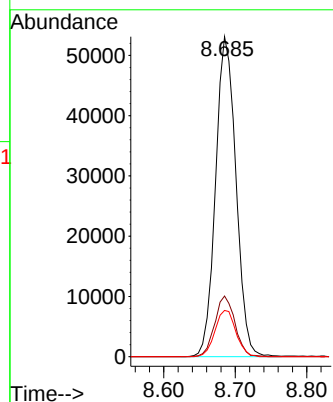
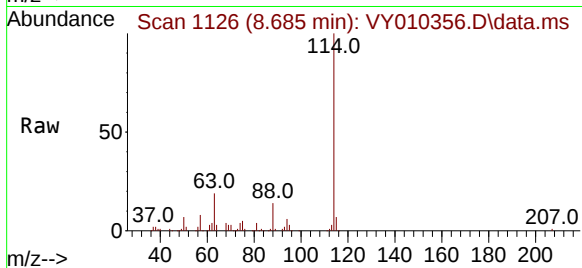
Tgt Ion:114 Resp: 105242

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.439 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010356.D

Acq: 06 Sep 2022 19:02

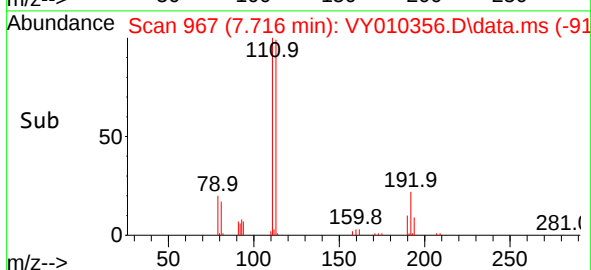
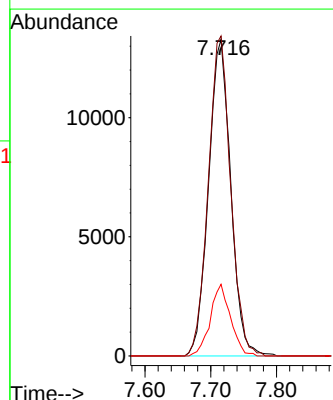
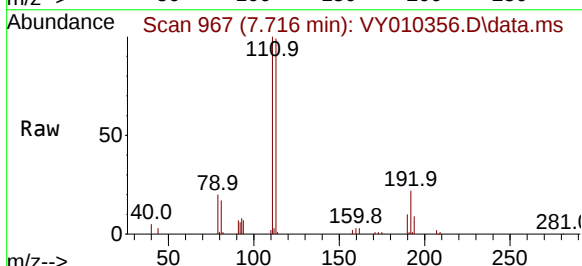
Tgt Ion:113 Resp: 31135

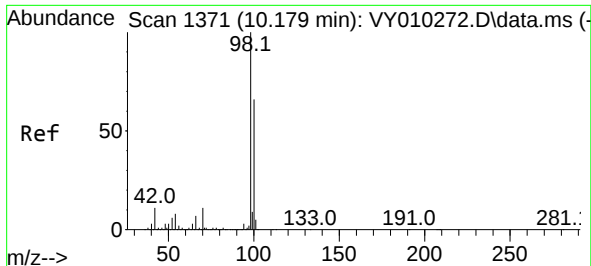
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 20.8 17.6 26.4

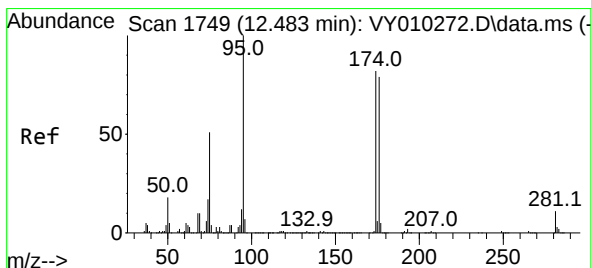
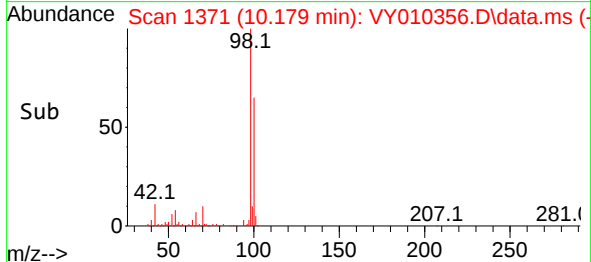
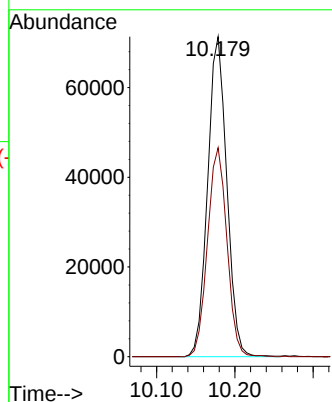
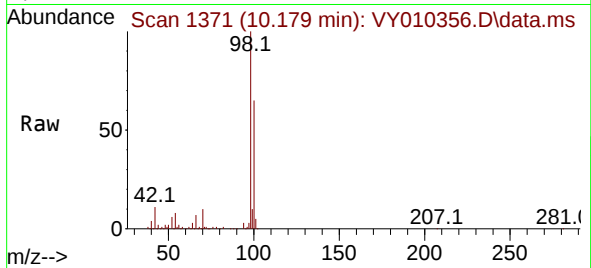




#50
Toluene-d8
Concen: 51.613 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

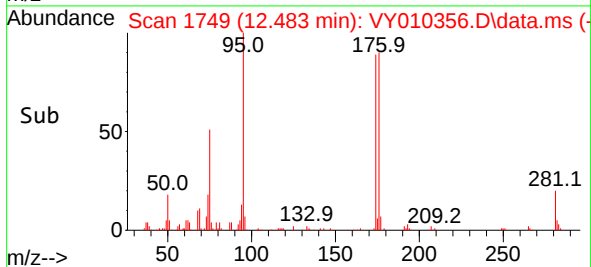
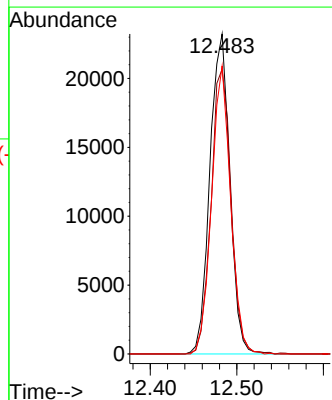
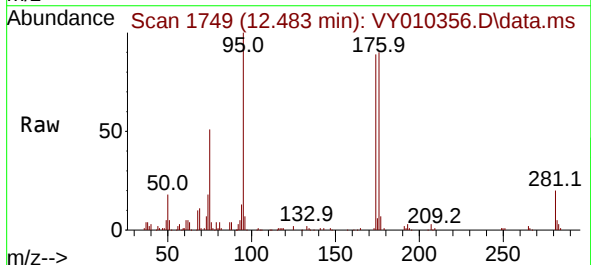
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

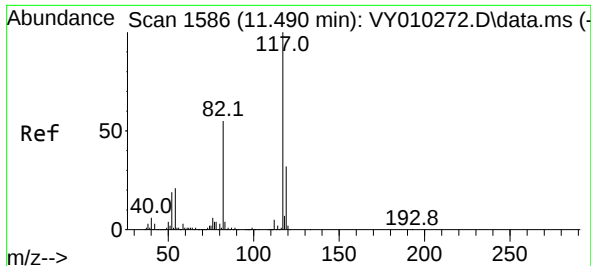
Tgt Ion: 98 Resp: 121068
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.934 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

Tgt Ion: 95 Resp: 37066
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 86.2 0.0 175.8

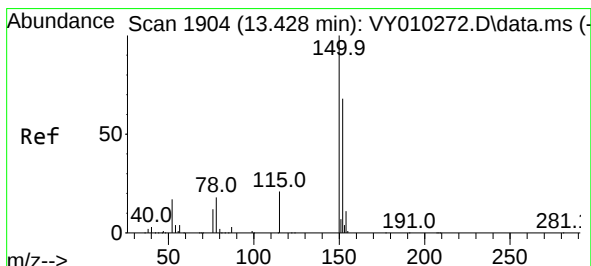
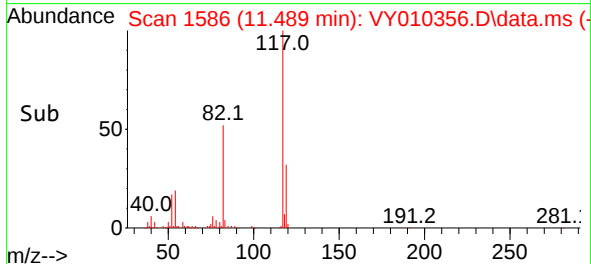
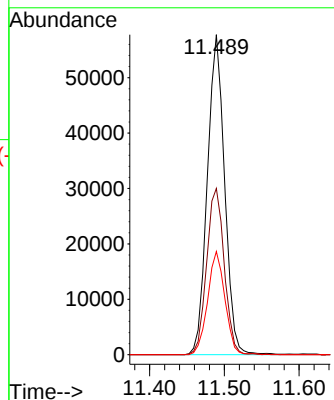
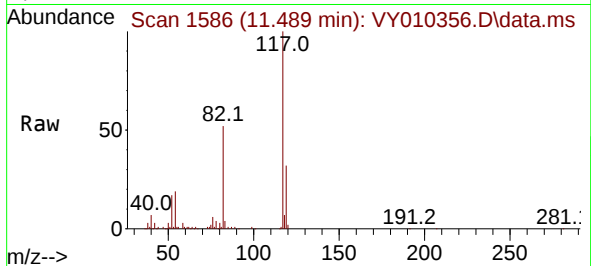




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

Tgt Ion:117 Resp: 92707
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010356.D
Acq: 06 Sep 2022 19:02

Tgt Ion:152 Resp: 39464
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.9 0.0 347.6

