

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011283.D
 Acq On : 03 Nov 2022 13:12
 Operator : KP/MD
 Sample : N5393-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-103122

Quant Time: Nov 03 14:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	313784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	527399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	453088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165617	49.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.700%
35) Dibromofluoromethane	7.716	113	178229	52.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	624112	47.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.880%
62) 4-Bromofluorobenzene	12.477	95	193672	42.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.800%

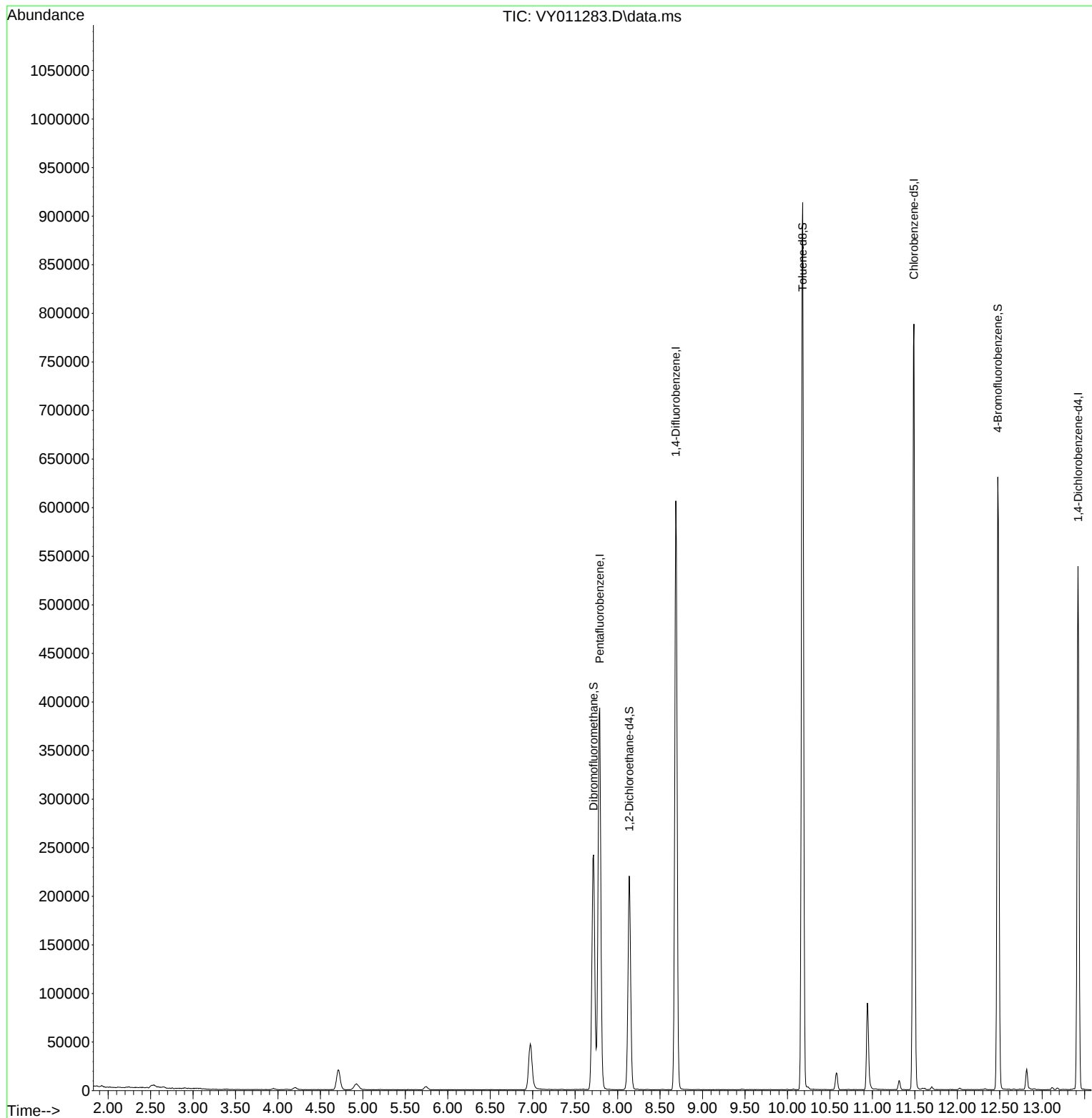
Target Compounds	Qvalue

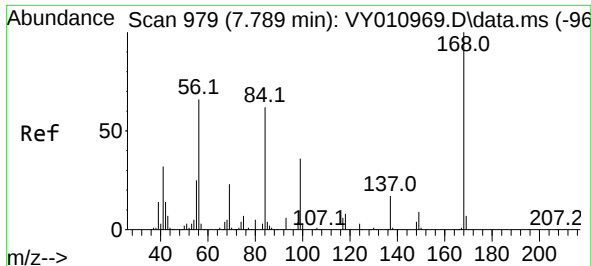
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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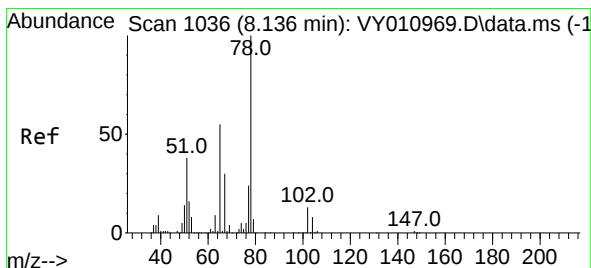
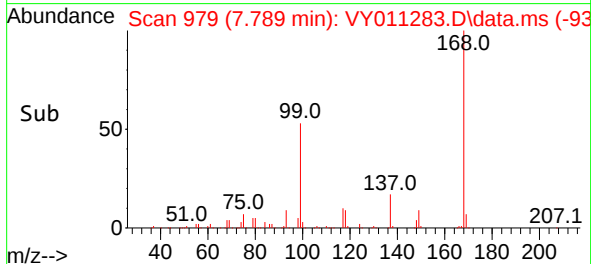
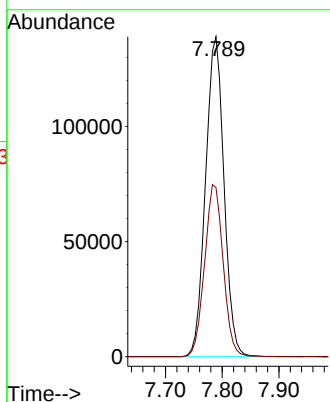
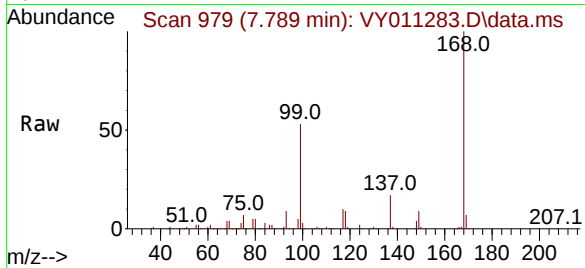




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

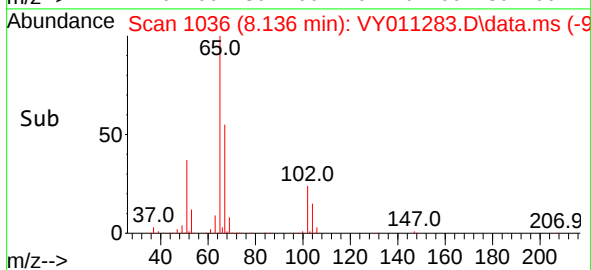
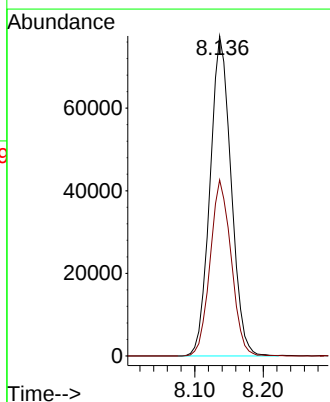
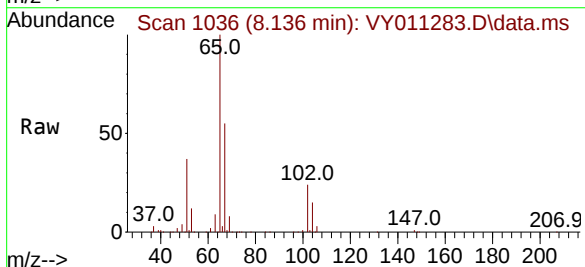
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

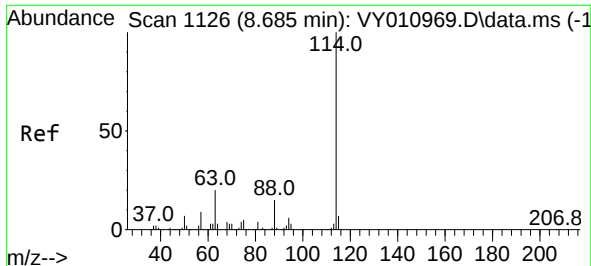
Tgt Ion:168 Resp: 313784
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 65 Resp: 165617
Ion Ratio Lower Upper
65 100
67 54.8 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: VY011283.D

Acq: 03 Nov 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-103122

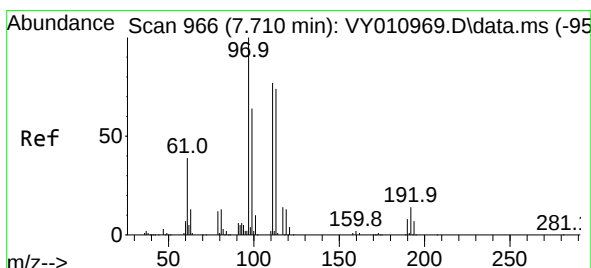
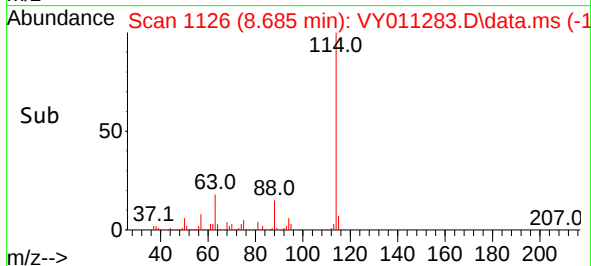
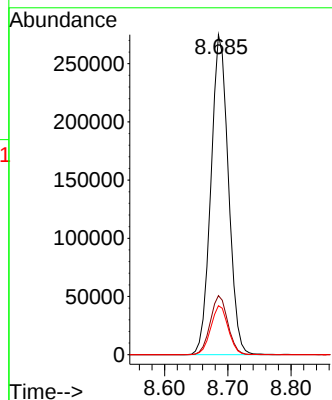
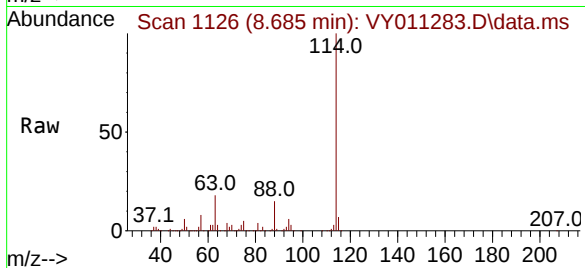
Tgt Ion:114 Resp: 527399

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011283.D

Acq: 03 Nov 2022 13:12

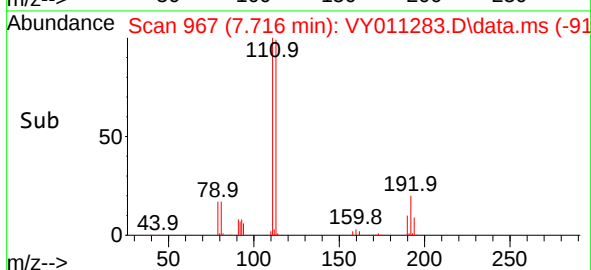
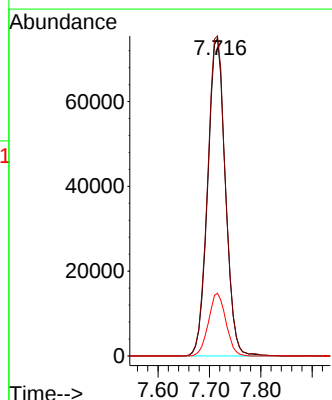
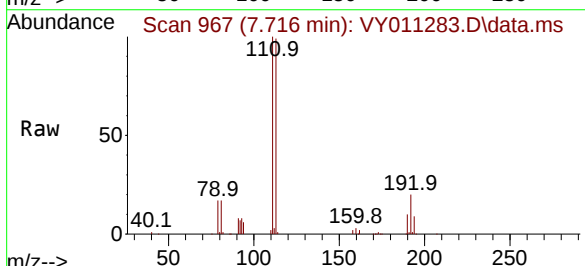
Tgt Ion:113 Resp: 178229

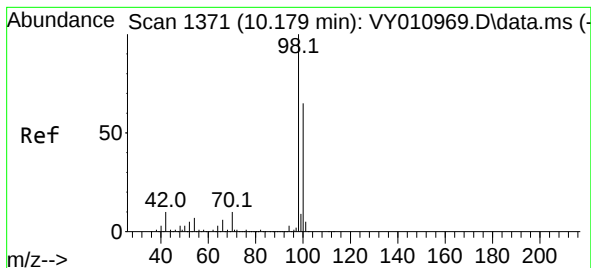
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.6 17.6 26.4





#50

Toluene-d8

Concen: 47.439 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011283.D

Acq: 03 Nov 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

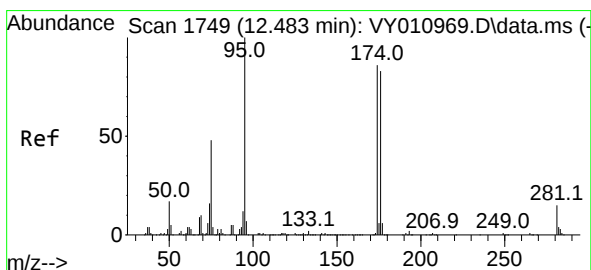
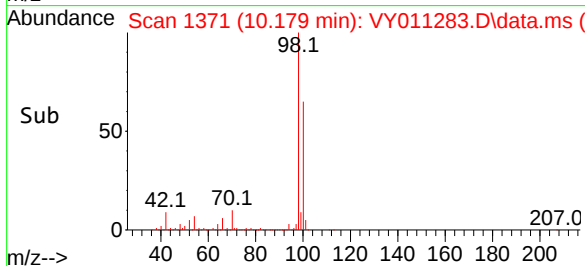
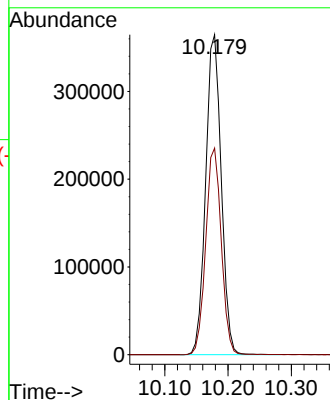
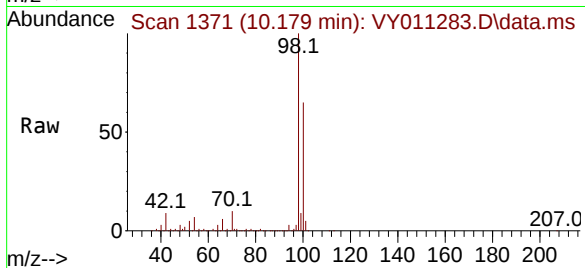
SU-4-103122

Tgt Ion: 98 Resp: 624112

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.404 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011283.D

Acq: 03 Nov 2022 13:12

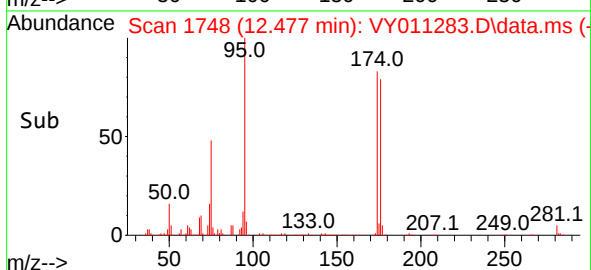
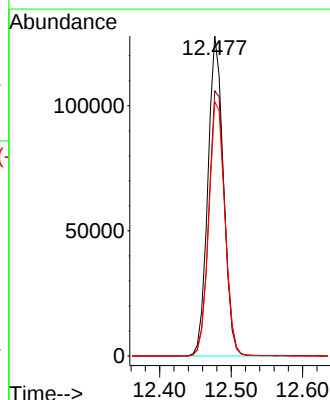
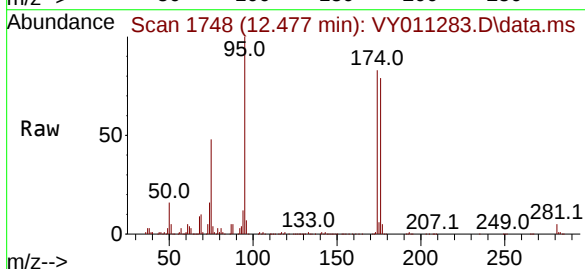
Tgt Ion: 95 Resp: 193672

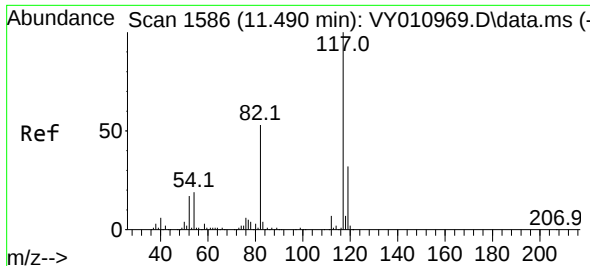
Ion Ratio Lower Upper

95 100

174 85.3 0.0 177.0

176 81.5 0.0 175.8

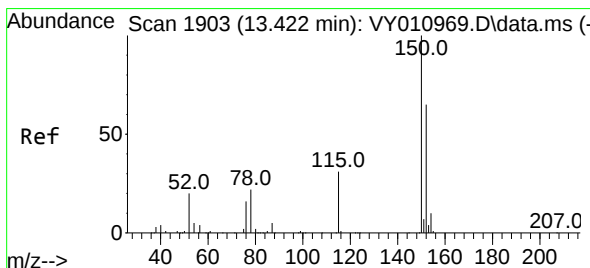
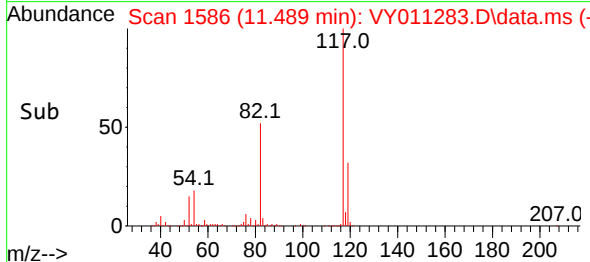
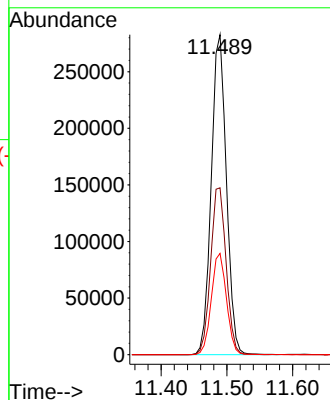
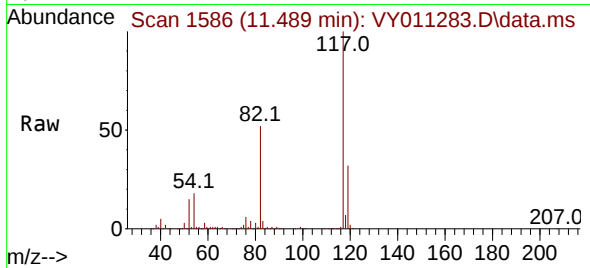




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

Tgt Ion:117 Resp: 453088
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion:152 Resp: 142714
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.7 0.0 347.6

