

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011077.D
 Acq On : 24 Oct 2022 18:15
 Operator : KP/MD
 Sample : N5238-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2673

Quant Time: Oct 25 05:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	277166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	414299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164351	64.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.740%
35) Dibromofluoromethane	7.716	113	171363	65.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.060%
50) Toluene-d8	10.179	98	584342	58.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.220%
62) 4-Bromofluorobenzene	12.477	95	195002	55.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.100%

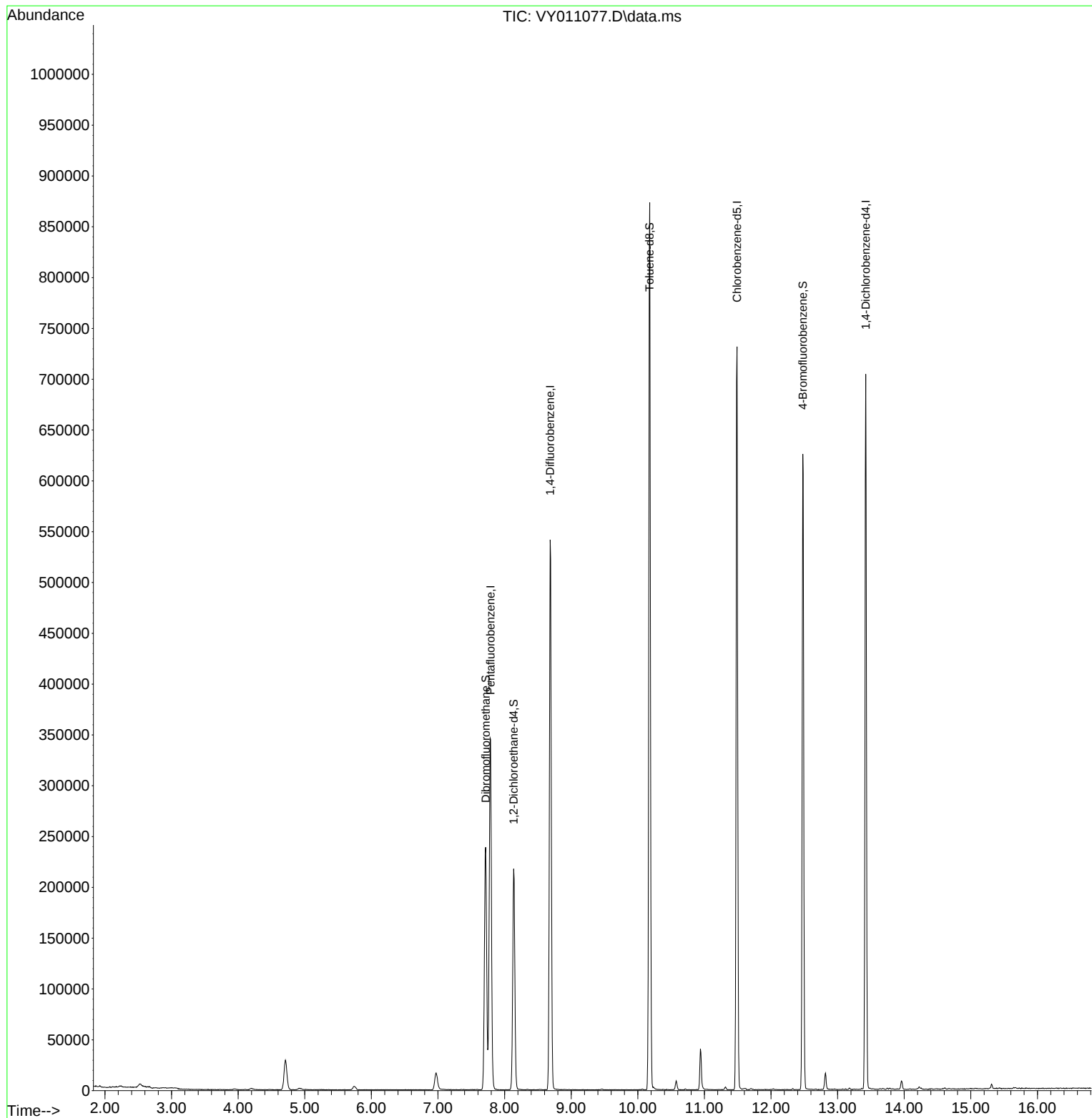
Target Compounds	Qvalue

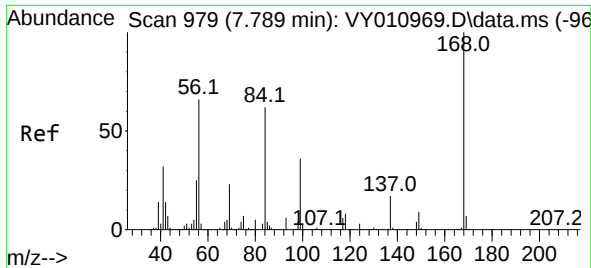
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

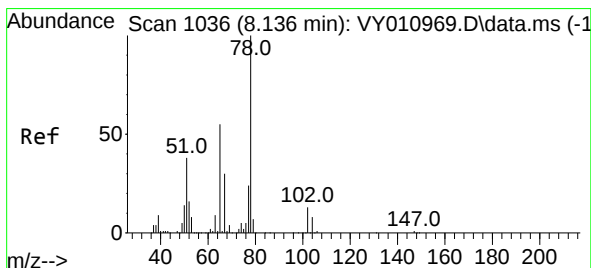
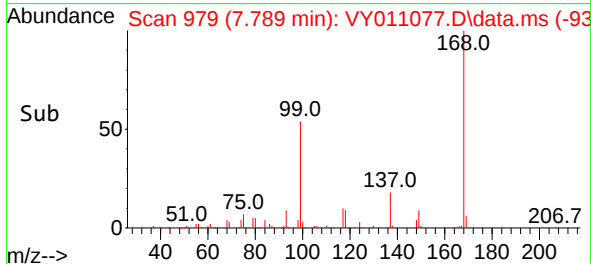
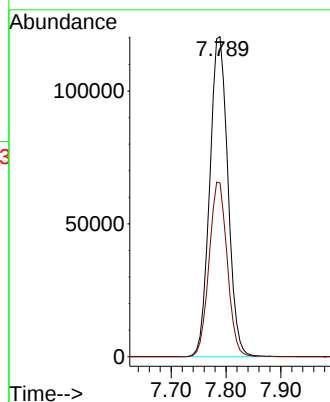
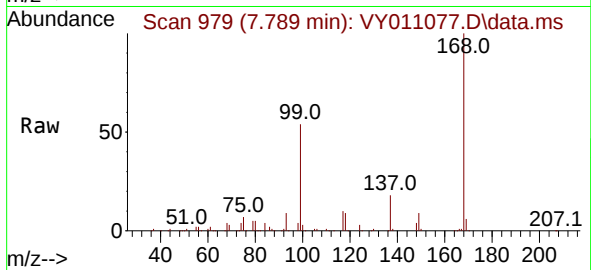




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

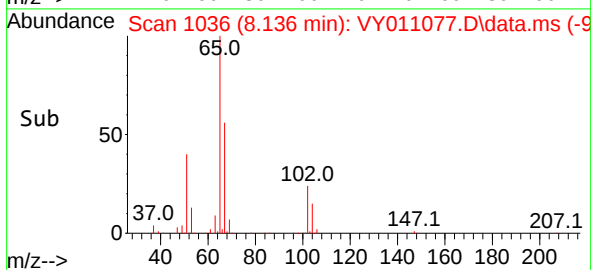
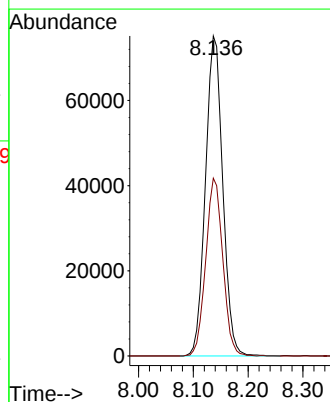
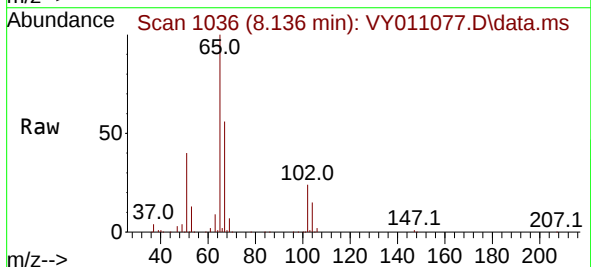
Instrument :
MSVOA_Y
ClientSampleId :
2673

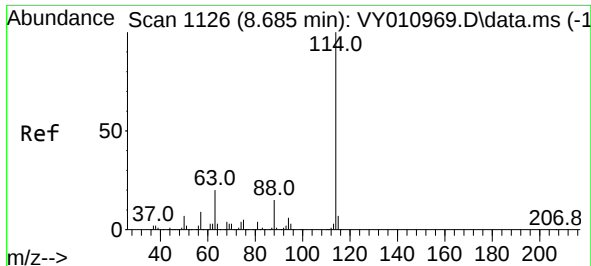
Tgt Ion:168 Resp: 277166
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.373 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 65 Resp: 164351
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: VY011077.D

Acq: 24 Oct 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

2673

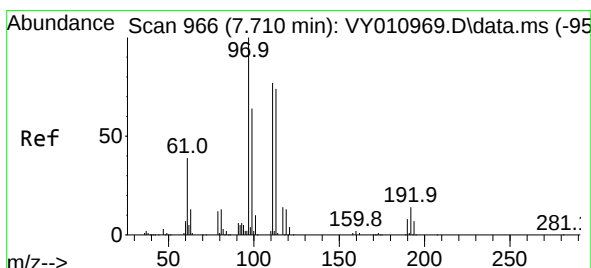
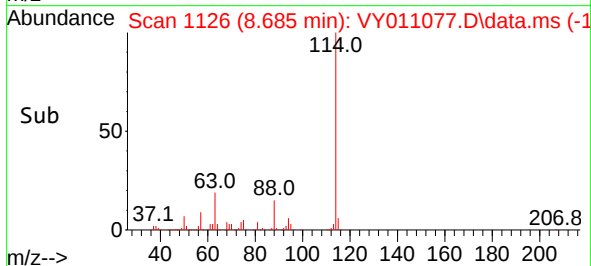
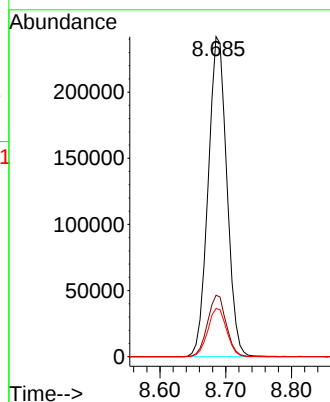
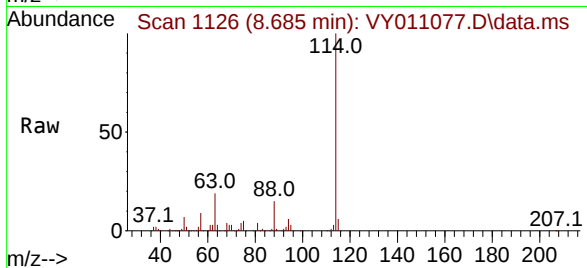
Tgt Ion:114 Resp: 477524

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.025 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

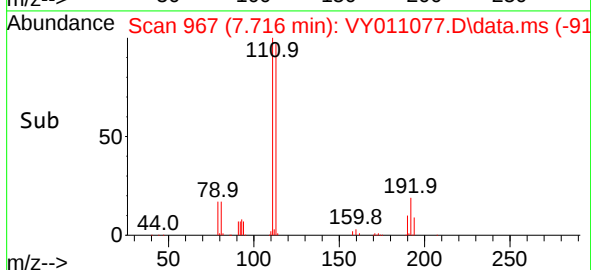
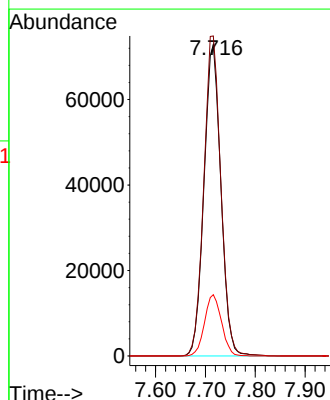
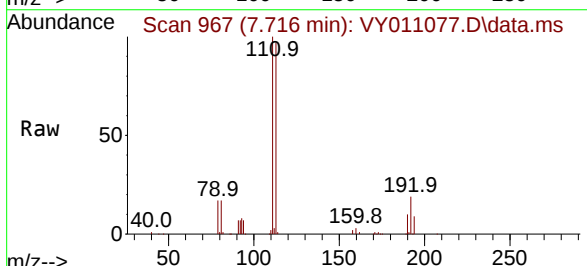
Tgt Ion:113 Resp: 171363

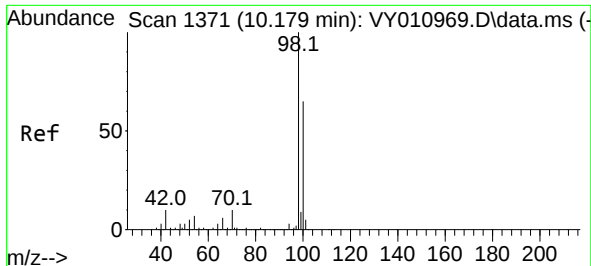
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.7 17.6 26.4

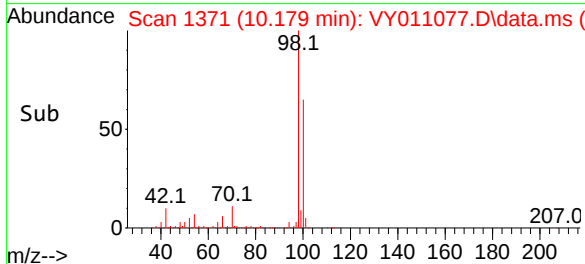
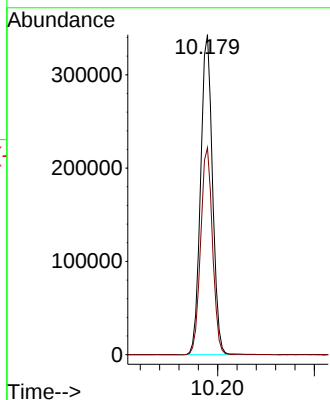
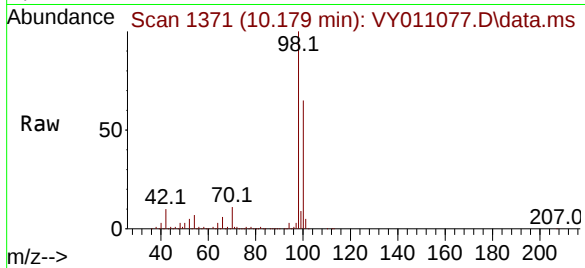




#50
Toluene-d8
Concen: 58.606 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

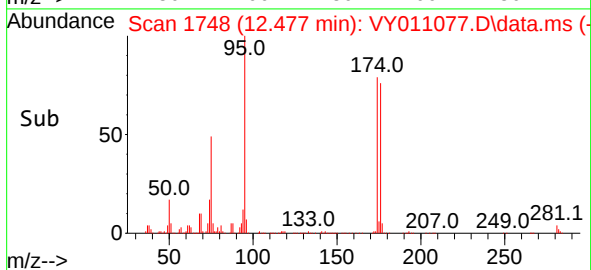
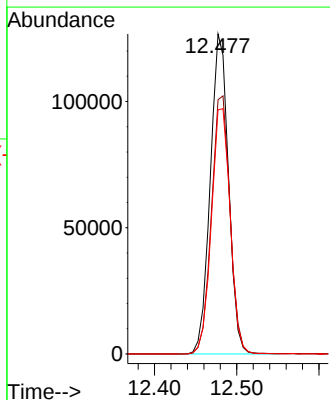
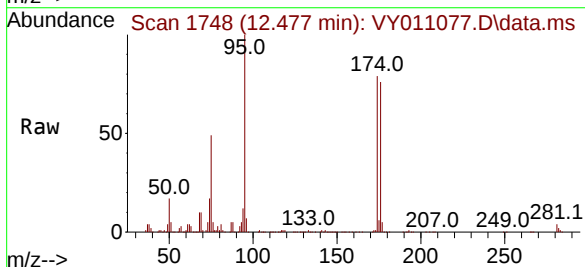
Instrument :
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2673

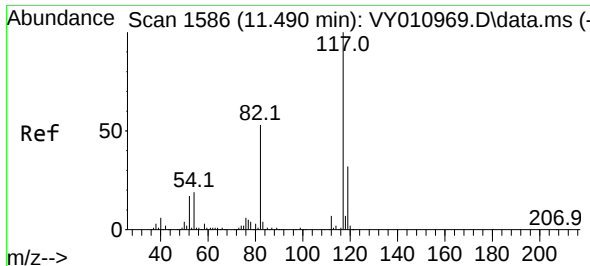
Tgt Ion: 98 Resp: 584342
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.553 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 95 Resp: 195002
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.3 0.0 175.8

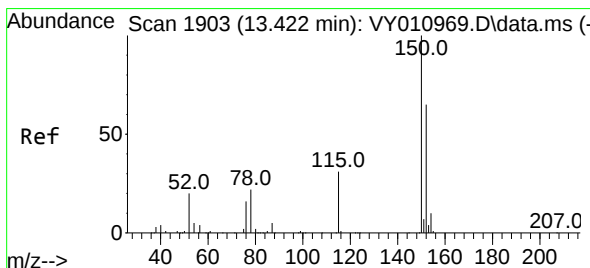
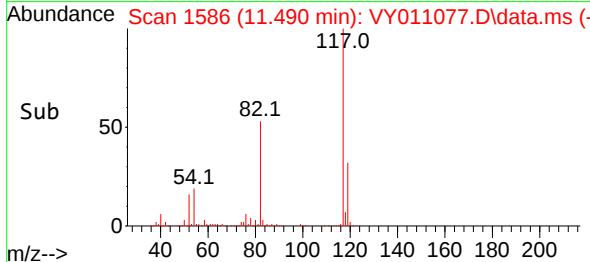
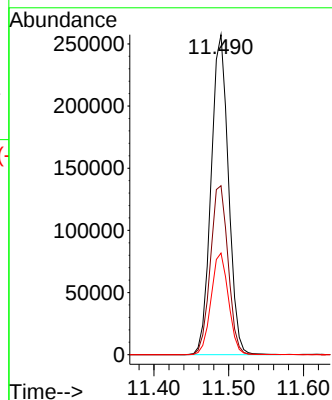
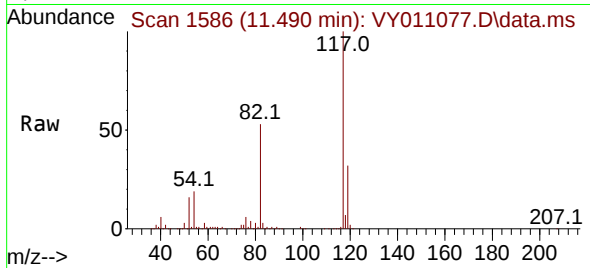




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
2673

Tgt Ion:117 Resp: 414299
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.7 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: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion:152 Resp: 183028
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.4 0.0 347.6

