

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007712.D
 Acq On : 03 Mar 2022 18:15
 Operator : SY/MD
 Sample : N1759-06
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LINE-1-2

Quant Time: Mar 04 00:43:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	446866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	445103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159298	63.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.420%
35) Dibromofluoromethane	7.722	113	150441	52.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.179	98	557234	52.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.483	95	185254	54.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.300%

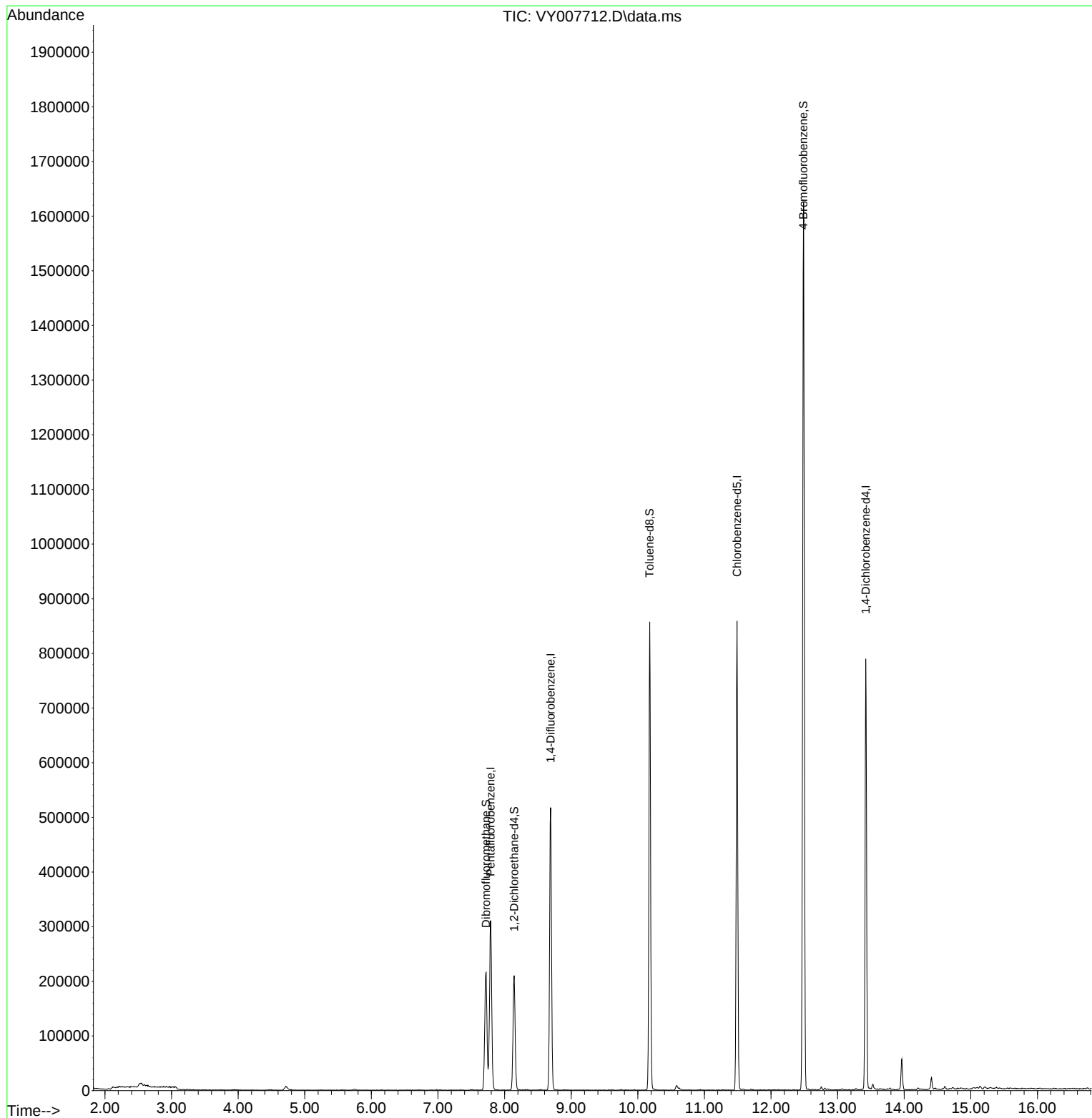
Target Compounds	Qvalue

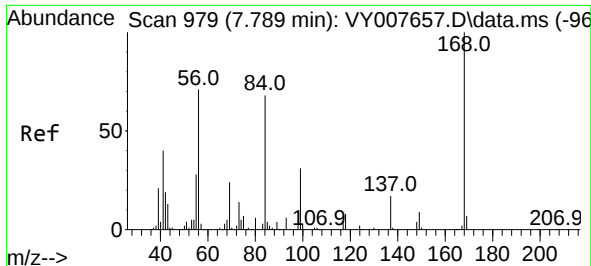
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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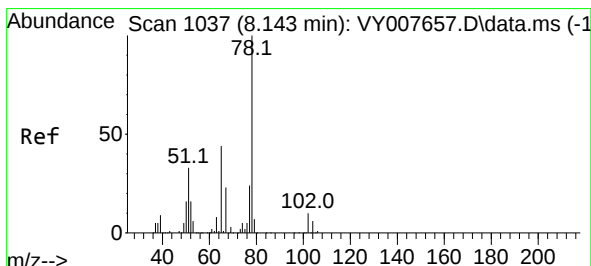
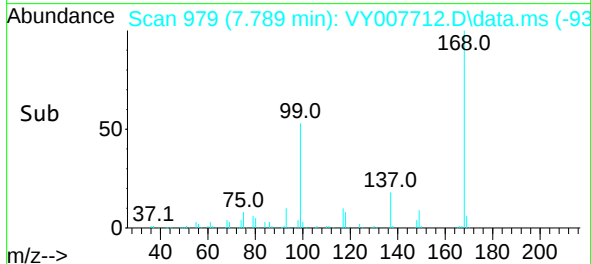
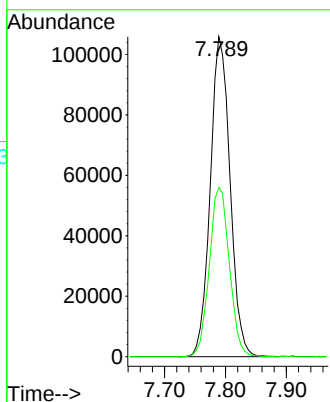
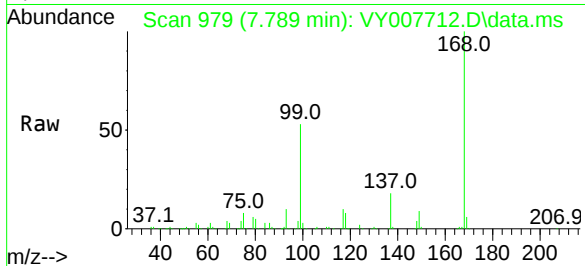




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

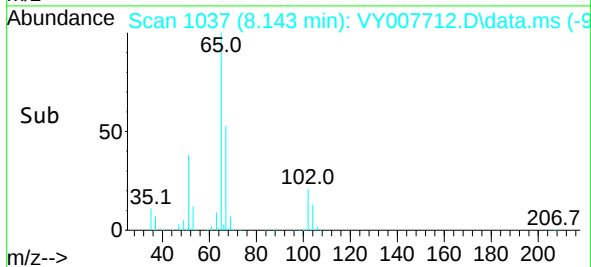
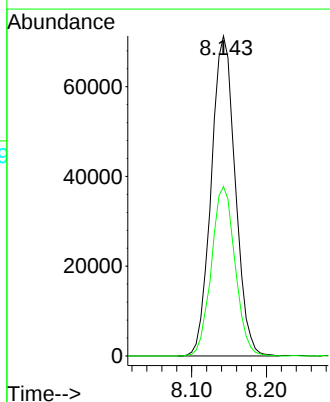
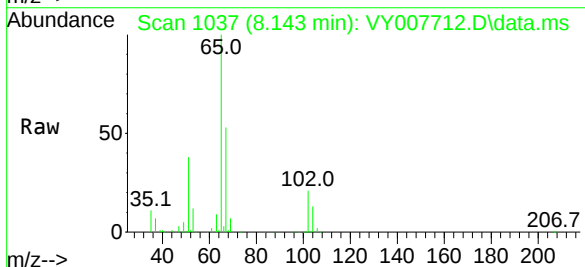
Instrument :
MSVOA_Y
ClientSampleId :
LINE-1-2

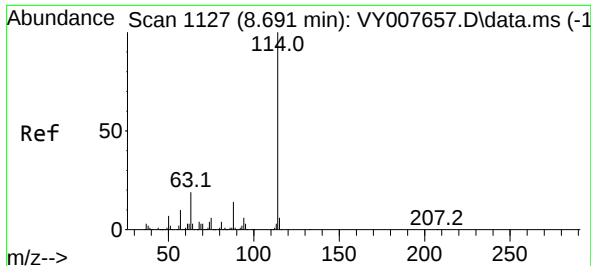
Tgt Ion:168 Resp: 238847
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.706 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 65 Resp: 159298
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007712.D

Acq: 03 Mar 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

LINE-1-2

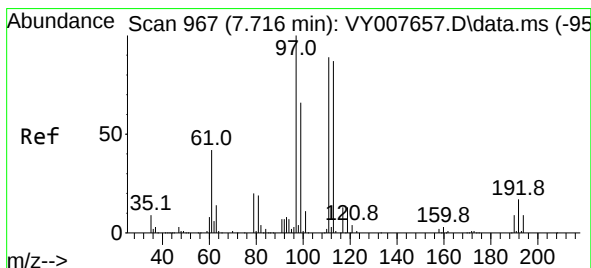
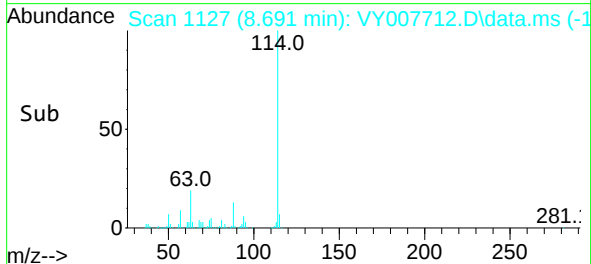
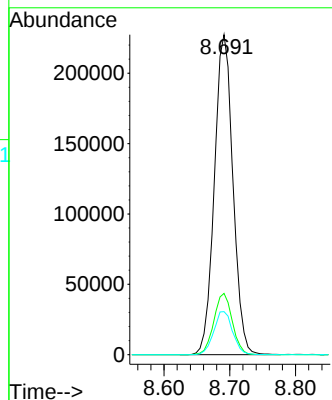
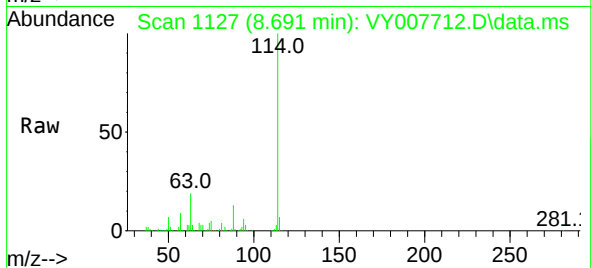
Tgt Ion:114 Resp: 446866

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.658 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007712.D

Acq: 03 Mar 2022 18:15

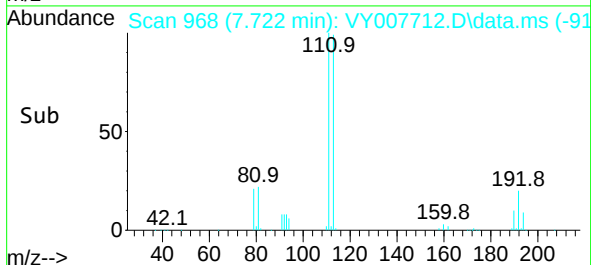
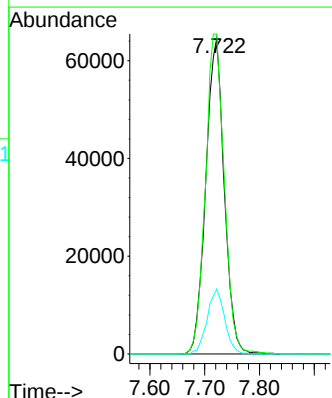
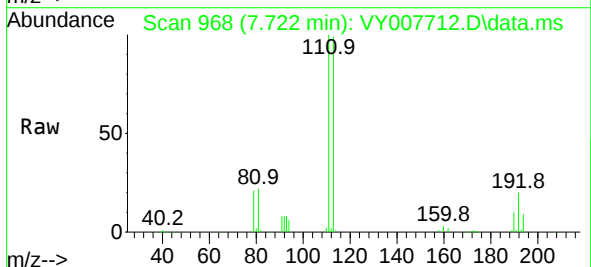
Tgt Ion:113 Resp: 150441

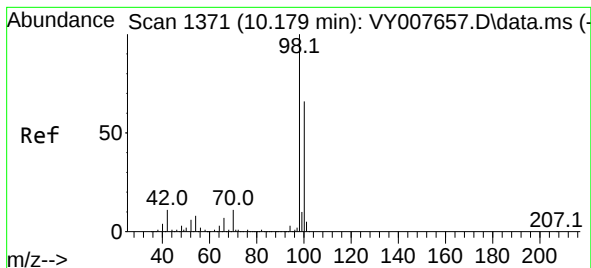
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.6 17.6 26.4

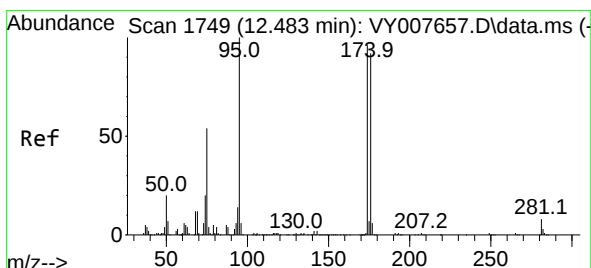
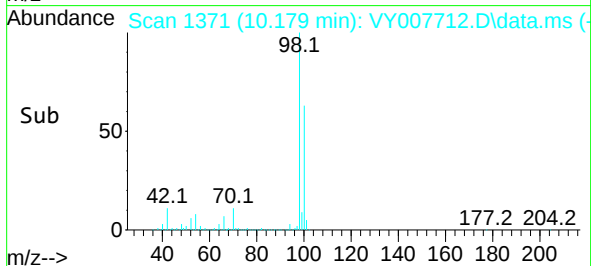
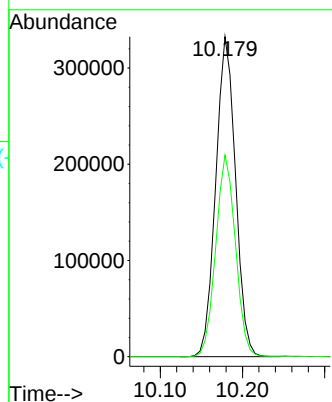
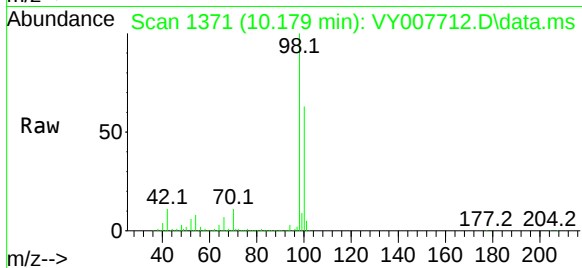




#50
Toluene-d8
Concen: 52.986 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

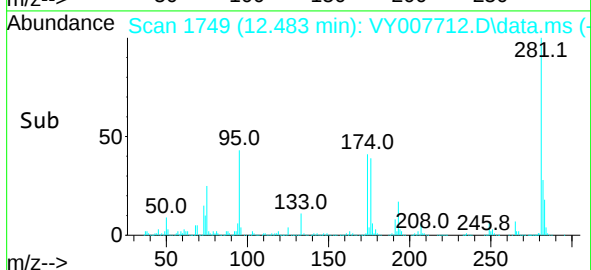
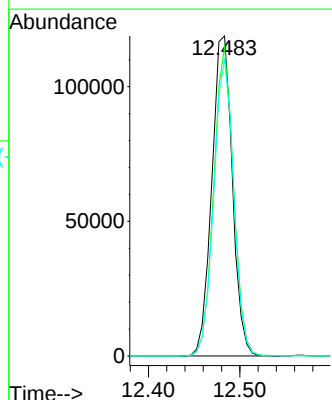
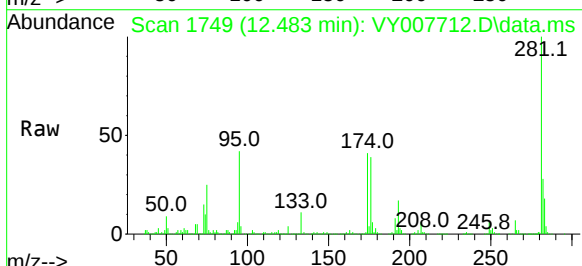
Instrument :
MSVOA_Y
ClientSampleId :
LINE-1-2

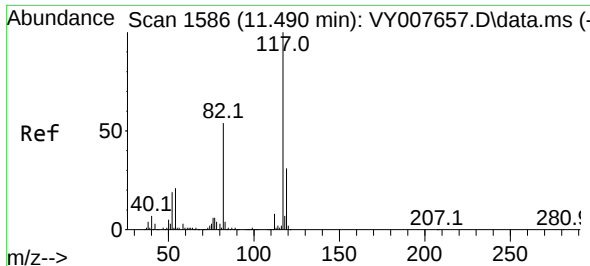
Tgt Ion: 98 Resp: 557234
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 95 Resp: 185254
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.3 0.0 175.8

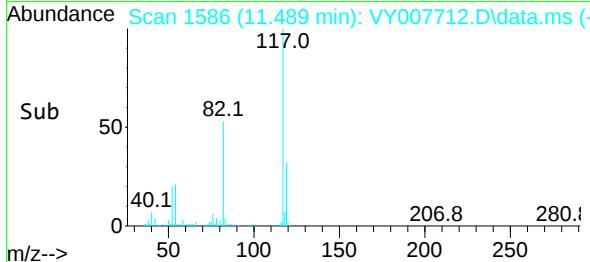
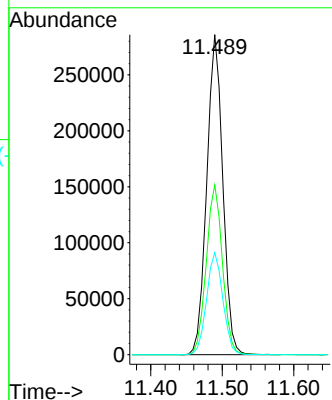
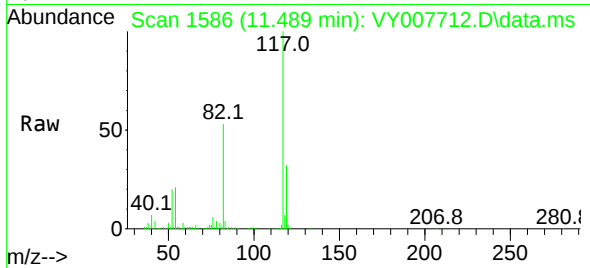




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
LINE-1-2

Tgt Ion:117 Resp: 445103
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.9 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: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion:152 Resp: 199222
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 157.0 0.0 347.6

