

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010841.D
 Acq On : 06 Oct 2022 13:51
 Operator : KP/MD
 Sample : N5004-15
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18

Quant Time: Oct 07 02:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	306363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126024	68.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.120%
35) Dibromofluoromethane	7.715	113	127386	62.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.280%
50) Toluene-d8	10.178	98	323763	46.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.483	95	75029	25.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.660%

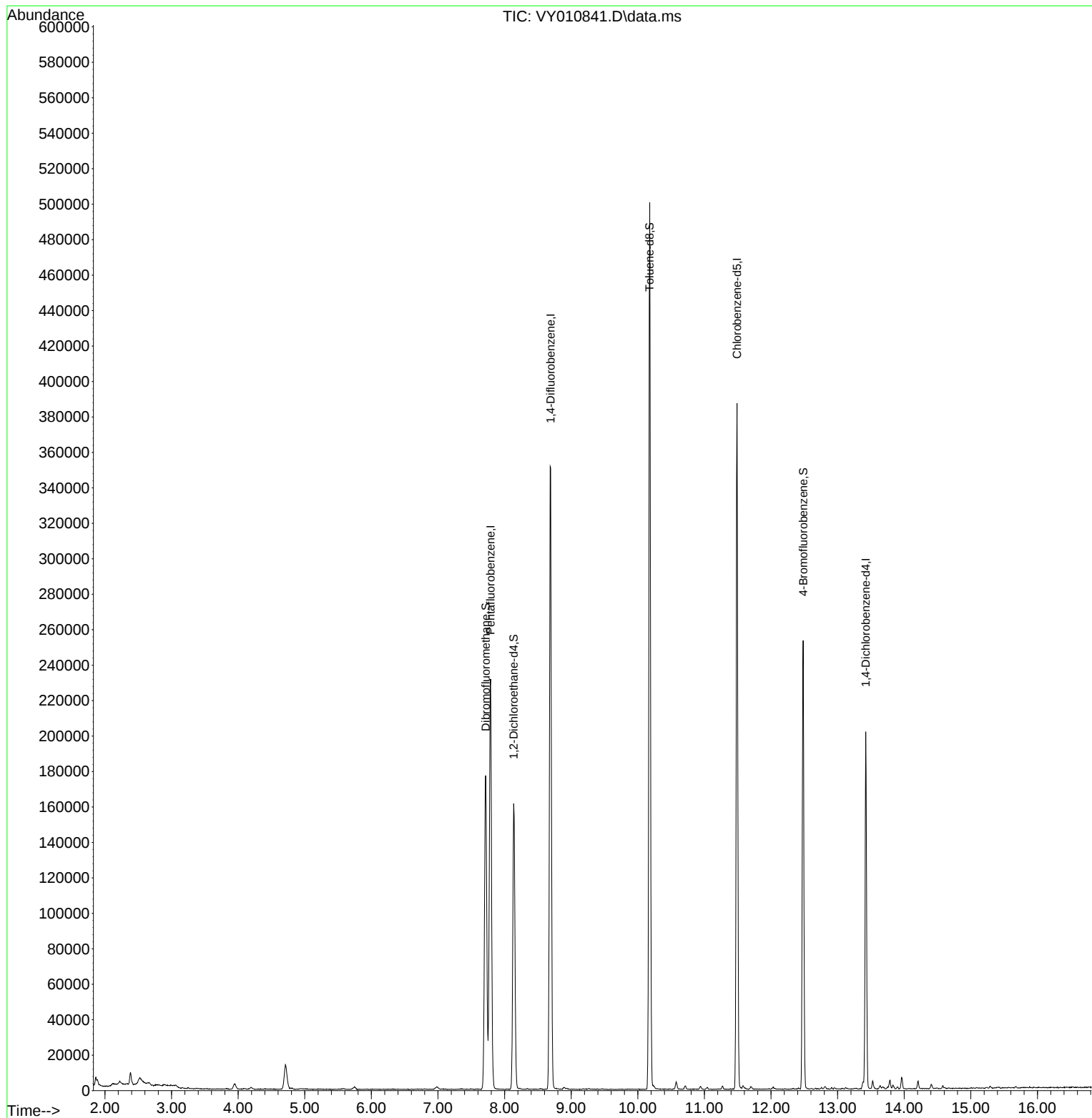
Target Compounds	Qvalue

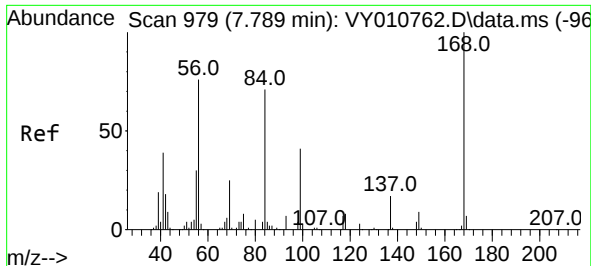
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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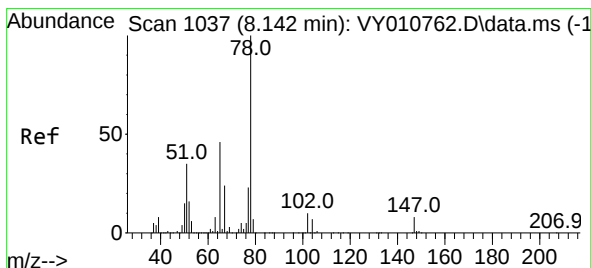
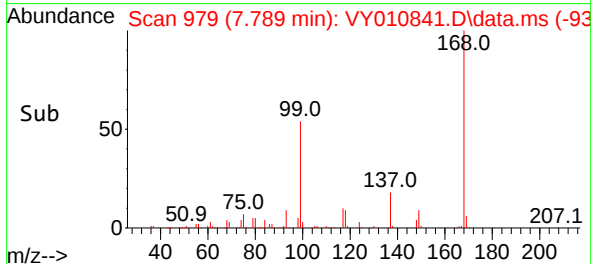
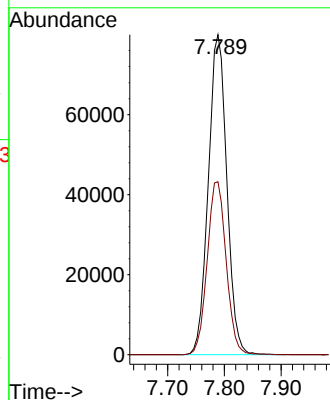
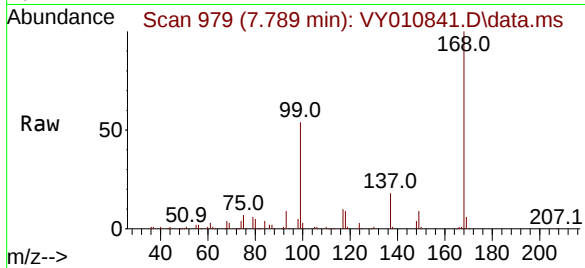




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

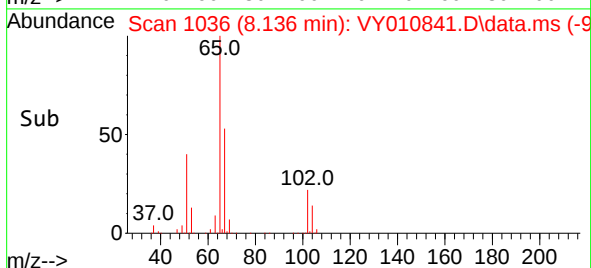
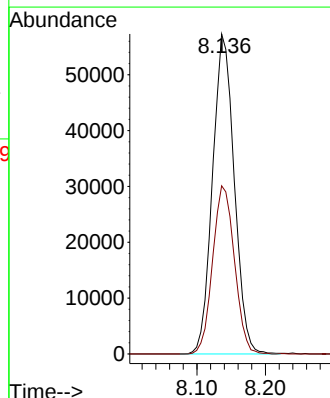
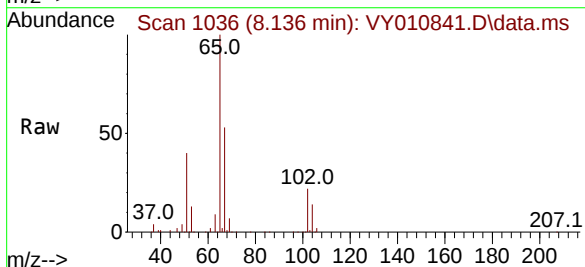
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18

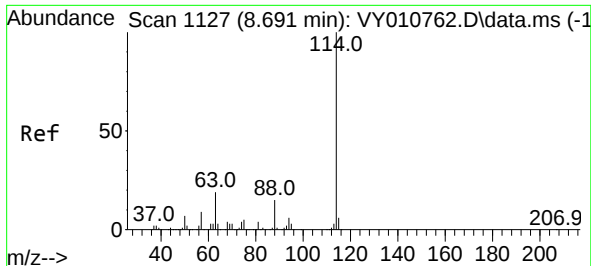
Tgt Ion:168 Resp: 181340
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.562 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 65 Resp: 126024
Ion Ratio Lower Upper
65 100
67 52.8 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: VY010841.D

Acq: 06 Oct 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

DA-7-18

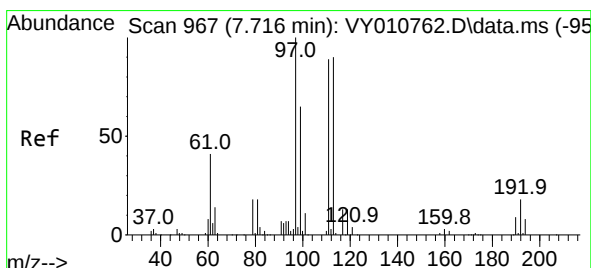
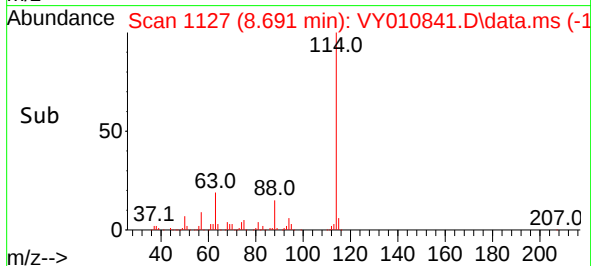
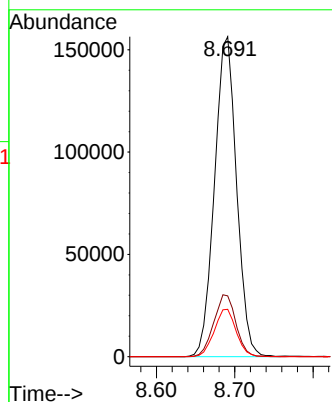
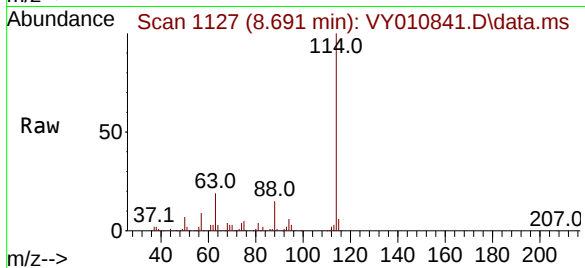
Tgt Ion:114 Resp: 306363

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.639 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY010841.D

Acq: 06 Oct 2022 13:51

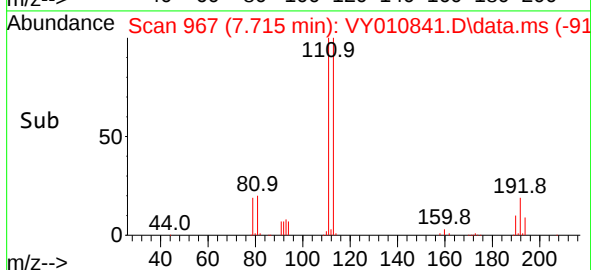
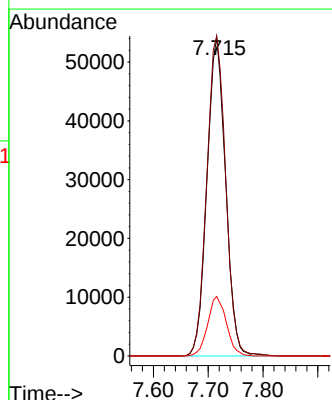
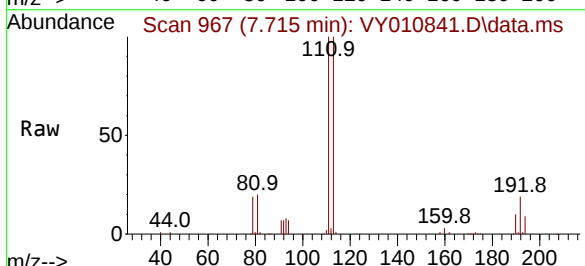
Tgt Ion:113 Resp: 127386

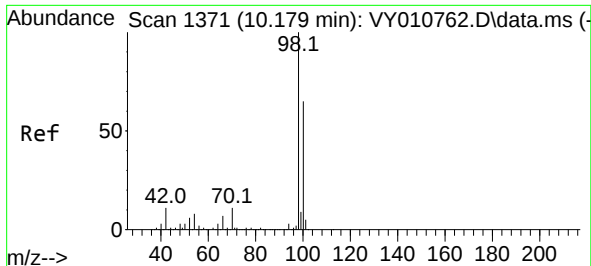
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.8 17.6 26.4

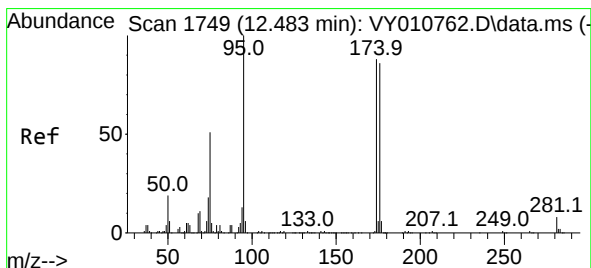
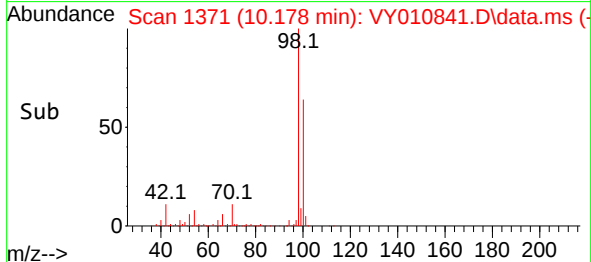
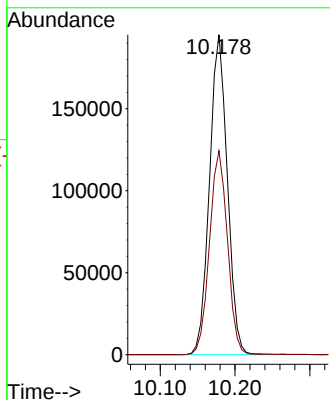
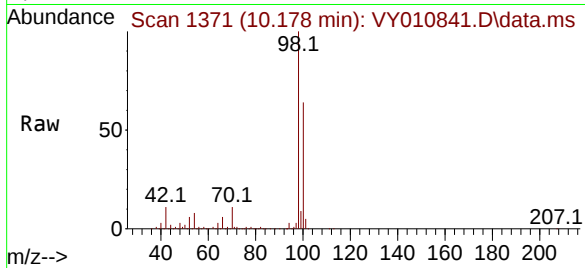




#50
Toluene-d8
Concen: 46.552 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

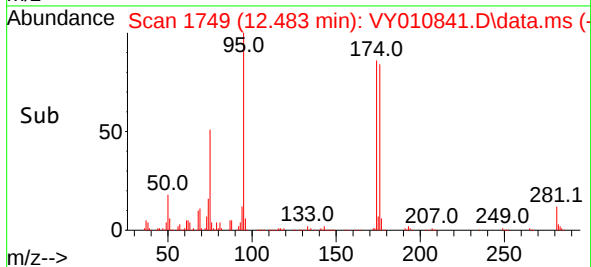
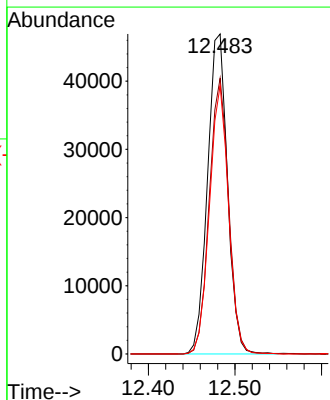
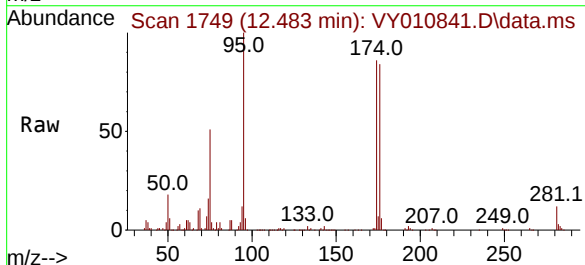
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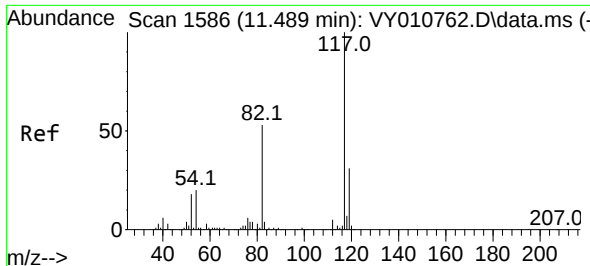
Tgt Ion: 98 Resp: 323763
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 95 Resp: 75029
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.3 0.0 175.8

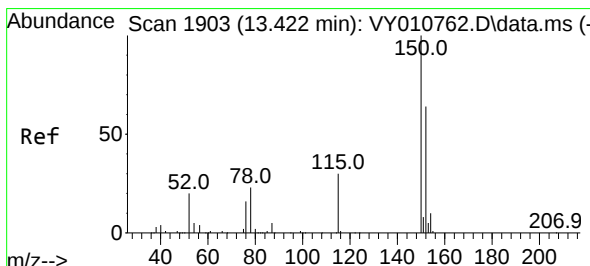
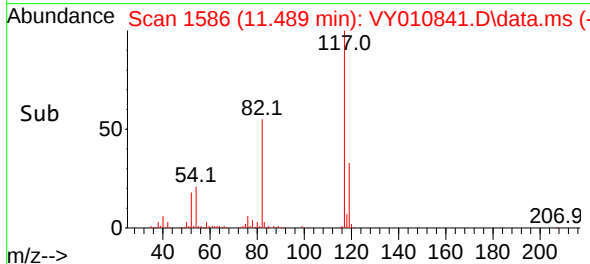
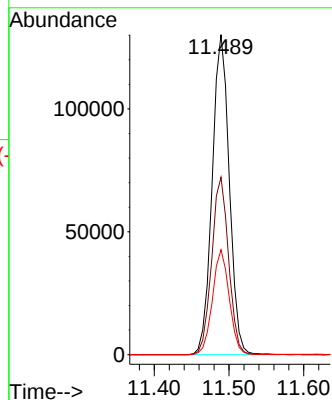
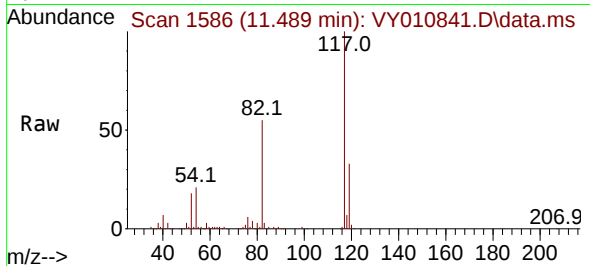




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18

Tgt Ion:117 Resp: 207969
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.8 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: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion:152 Resp: 51209
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.9 0.0 347.6

