

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010863.D
 Acq On : 07 Oct 2022 11:52
 Operator : KP/MD
 Sample : N5020-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-100522RE

Quant Time: Oct 08 04:45:59 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	59300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	92575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26338	43.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.640%
35) Dibromofluoromethane	7.716	113	28565	46.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.179	98	80411	38.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.520%
62) 4-Bromofluorobenzene	12.477	95	27708	32.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.920%

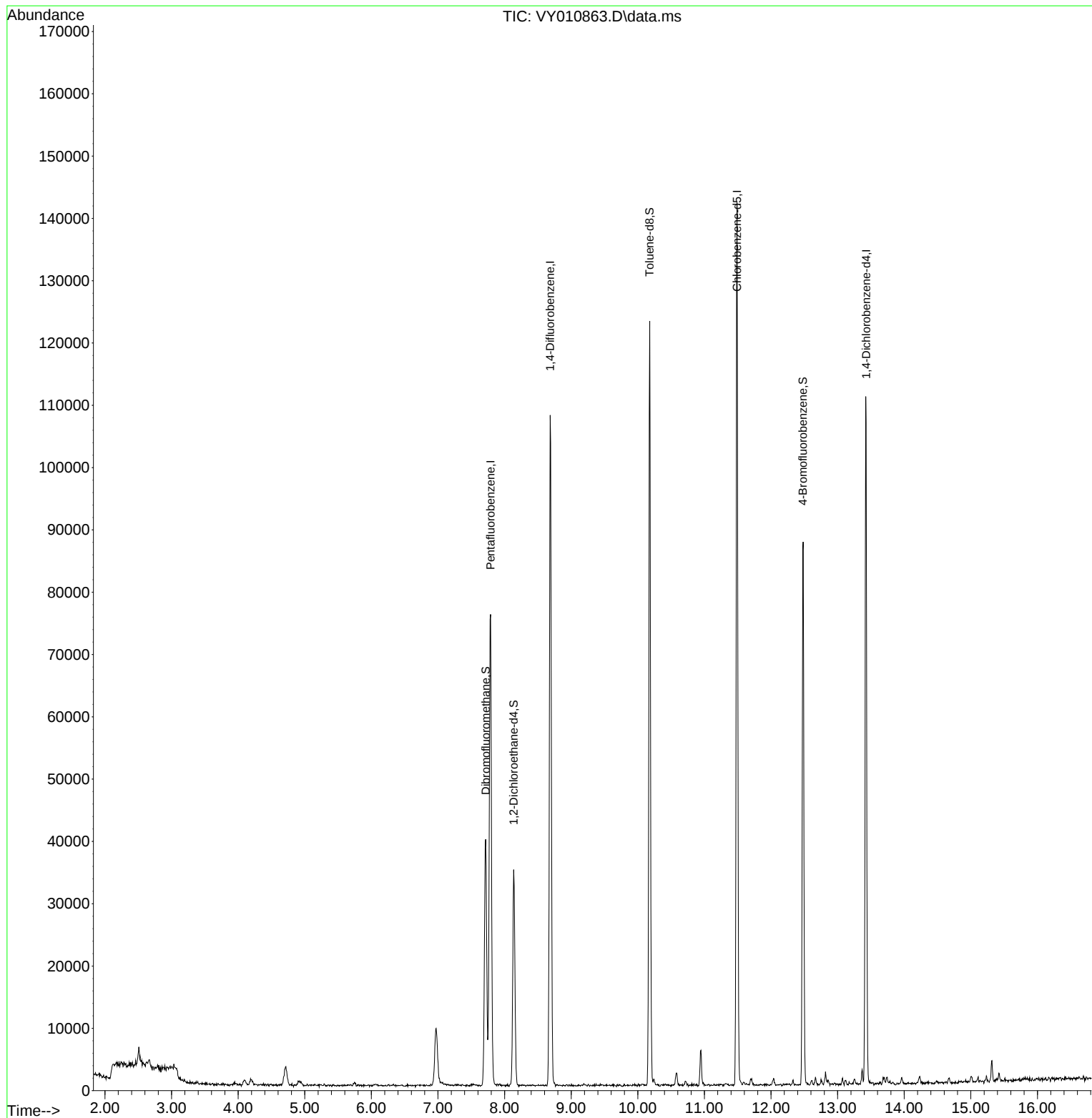
Target Compounds	Qvalue

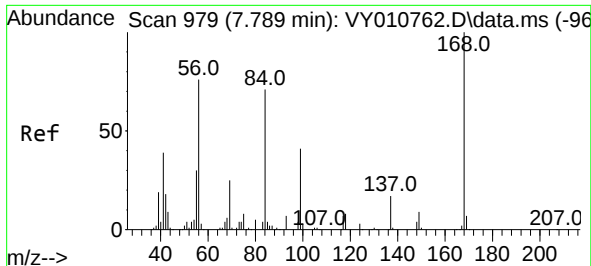
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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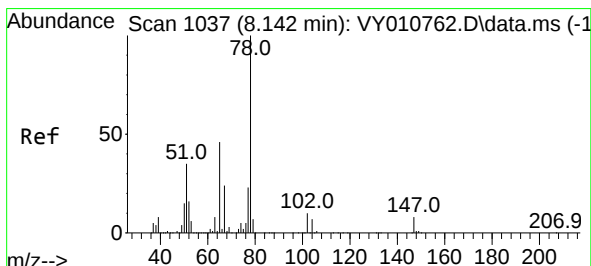
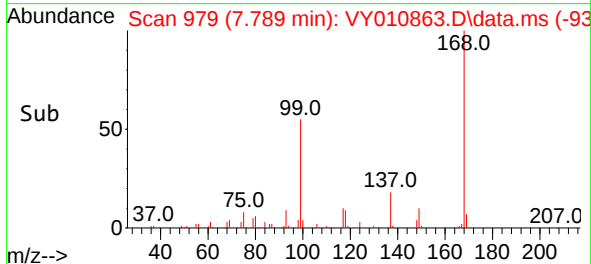
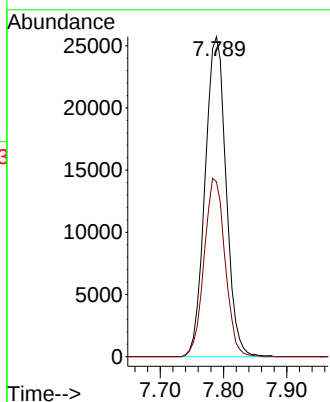
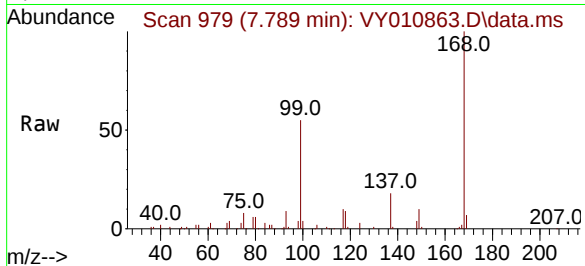




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

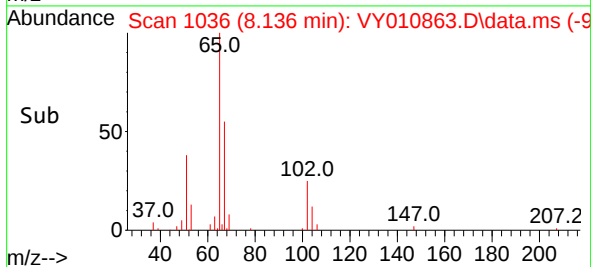
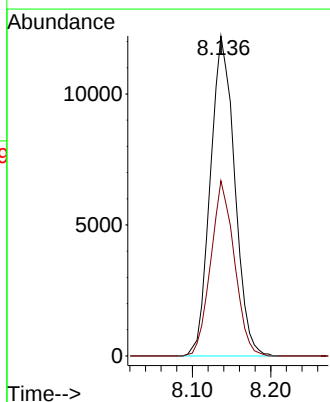
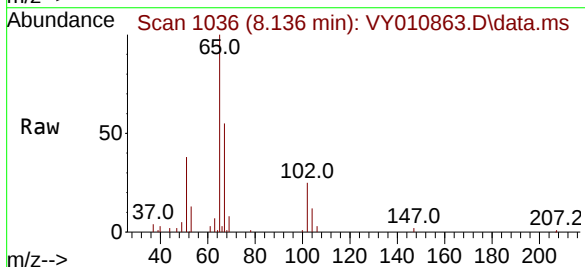
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522RE

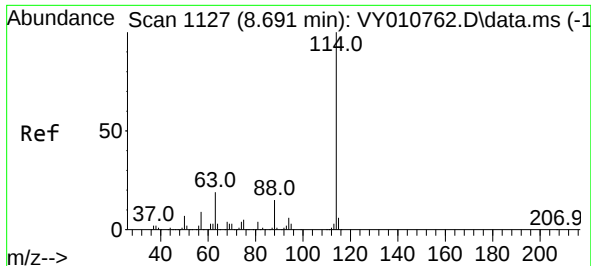
Tgt Ion:168 Resp: 59300
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 65 Resp: 26338
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010863.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-100522RE

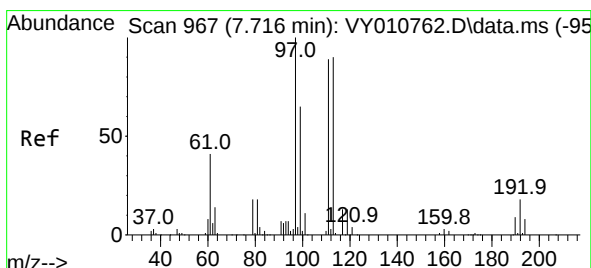
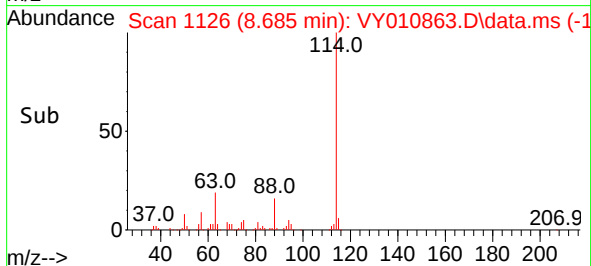
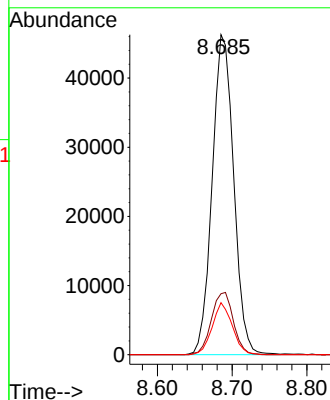
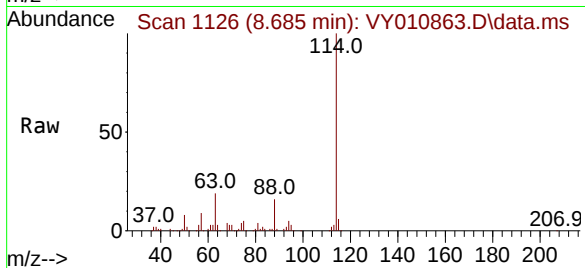
Tgt Ion:114 Resp: 92575

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.484 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010863.D

Acq: 07 Oct 2022 11:52

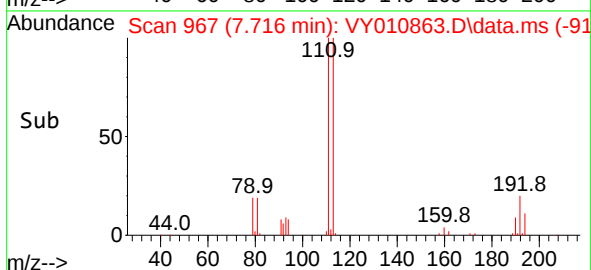
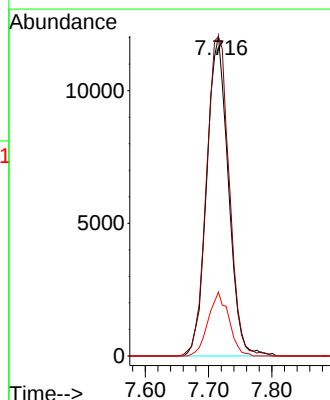
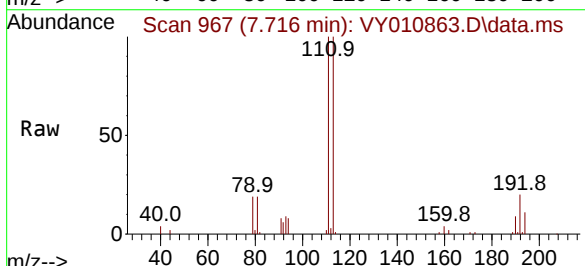
Tgt Ion:113 Resp: 28565

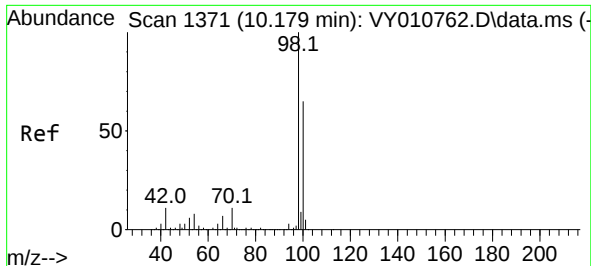
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 19.2 17.6 26.4

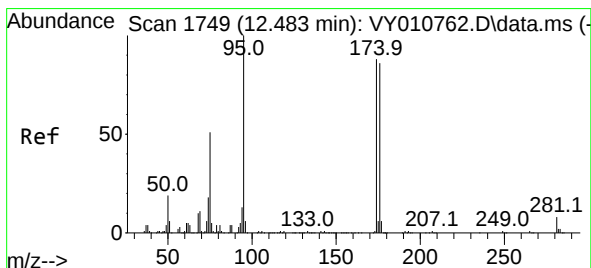
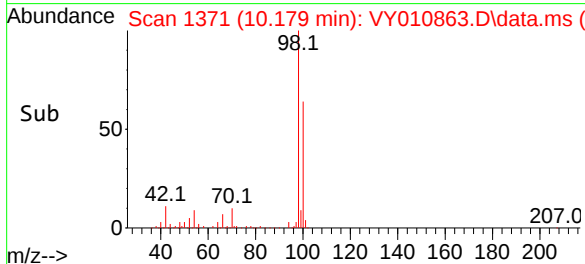
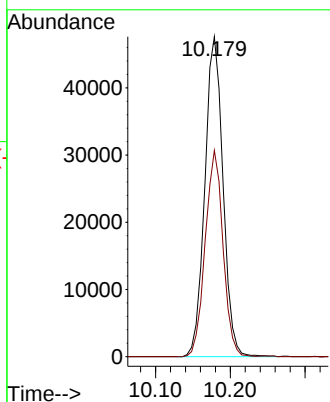
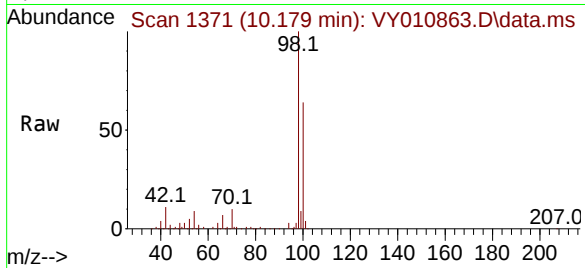




#50
Toluene-d8
Concen: 38.262 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

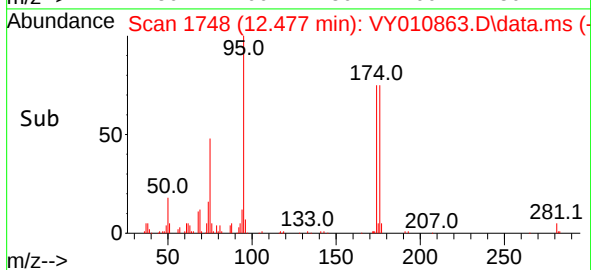
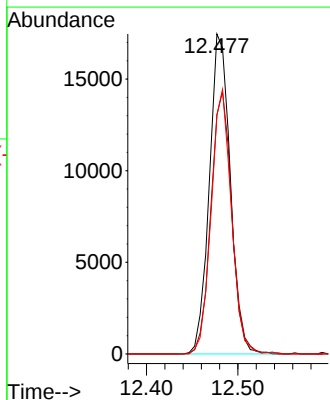
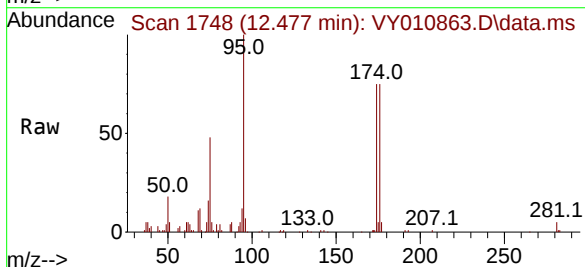
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TR-5-100522RE

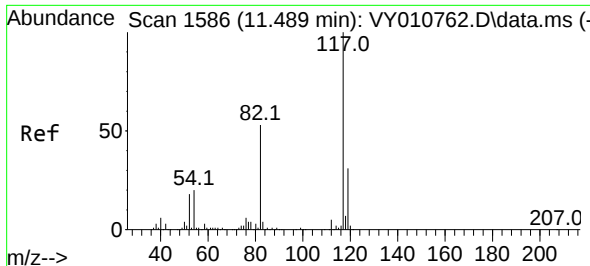
Tgt Ion: 98 Resp: 80411
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 95 Resp: 27708
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 79.8 0.0 175.8

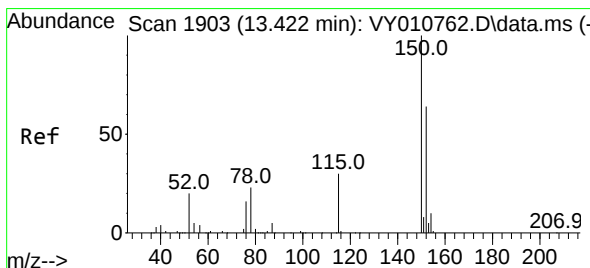
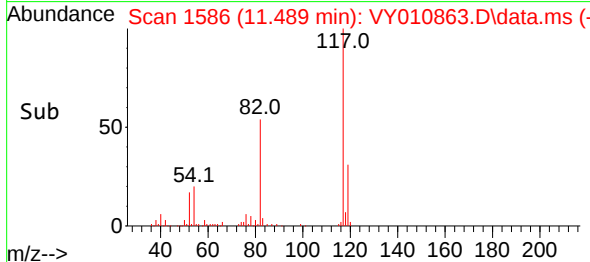
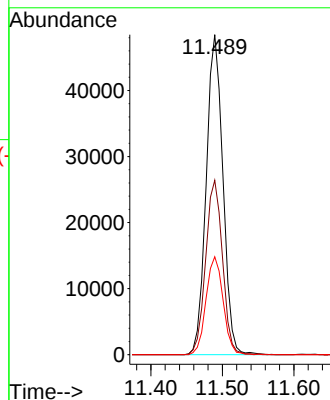
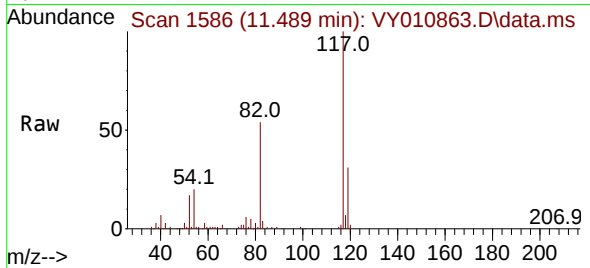




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522RE

Tgt Ion:117	Resp:	78613
Ion	Ratio	Lower Upper
117	100	
82	54.5	43.0 64.4
119	30.6	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010863.D
Acq: 07 Oct 2022 11:52

Tgt Ion:152	Resp:	29288
Ion	Ratio	Lower Upper
152	100	
115	58.1	28.2 84.7
150	160.7	0.0 347.6

