

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010891.D
 Acq On : 10 Oct 2022 15:33
 Operator : KP/MD
 Sample : N5046-04RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-4RE

Quant Time: Oct 11 09:44:52 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	4015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2203	54.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.260%
35) Dibromofluoromethane	7.710	113	1075	24.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.860%#
50) Toluene-d8	10.179	98	6782	45.067	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.140%
62) 4-Bromofluorobenzene	12.483	95	1117	16.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.080%

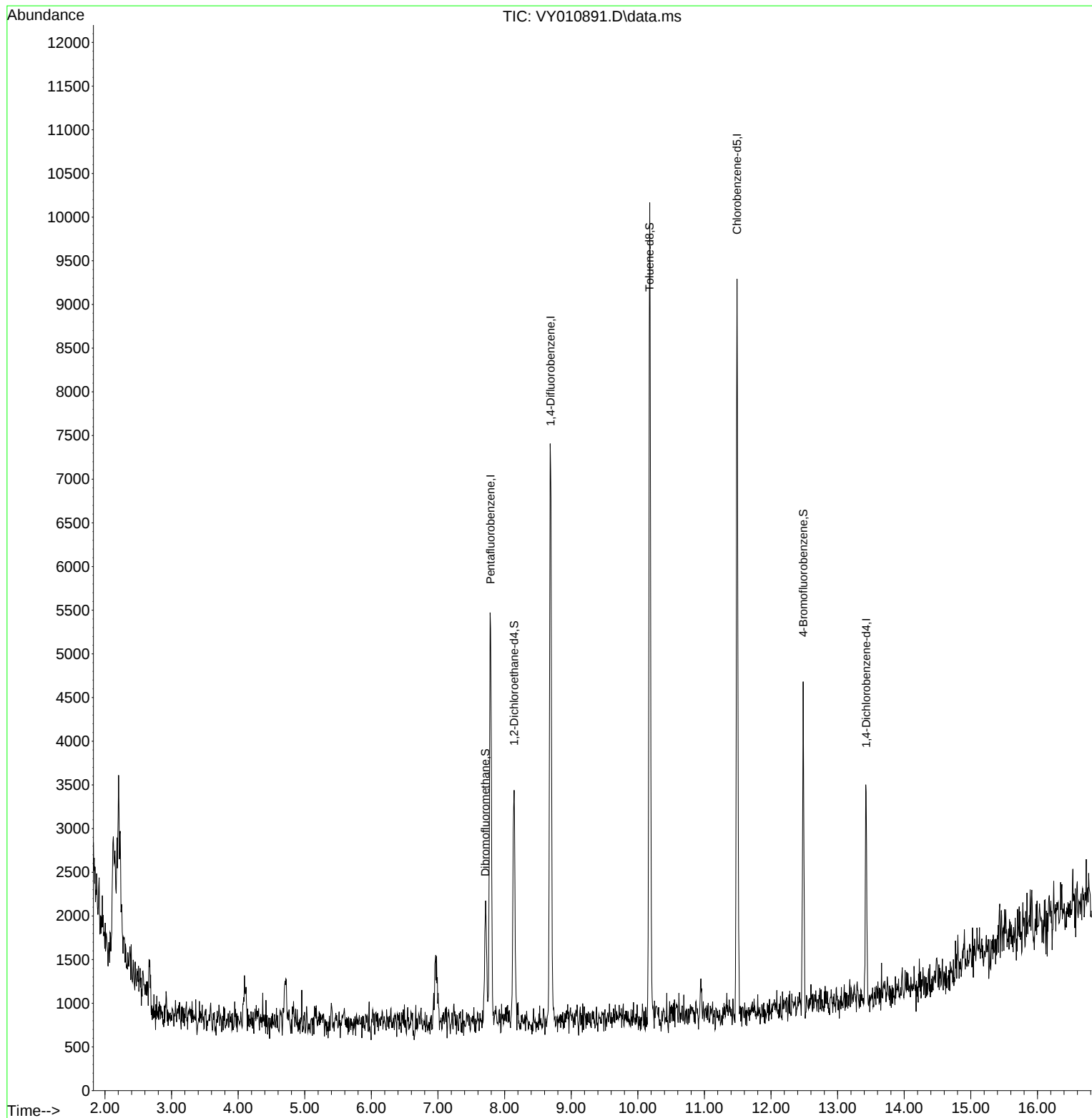
Target Compounds	Qvalue

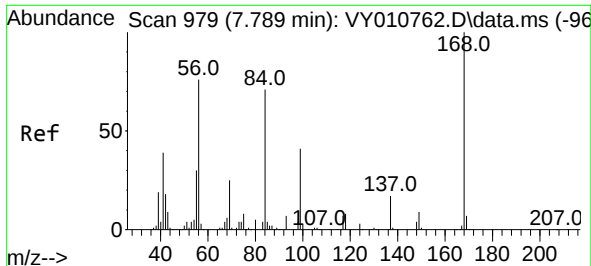
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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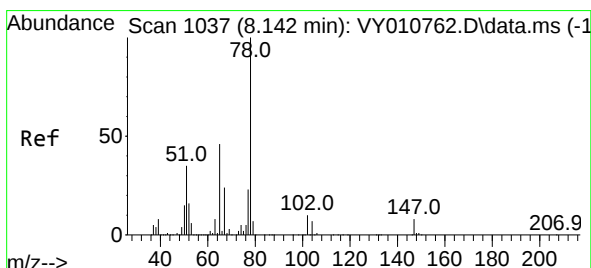
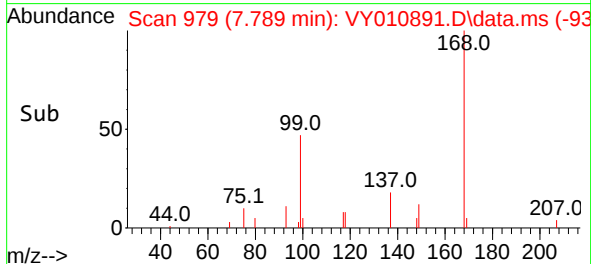
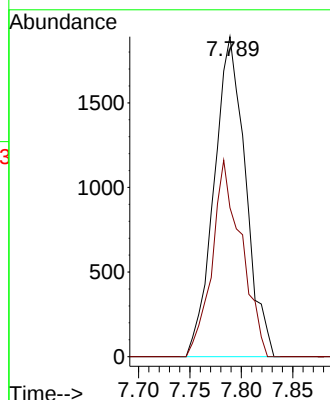
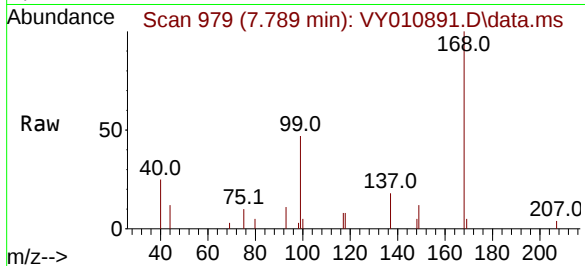




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010891.D
Acq: 10 Oct 2022 15:33

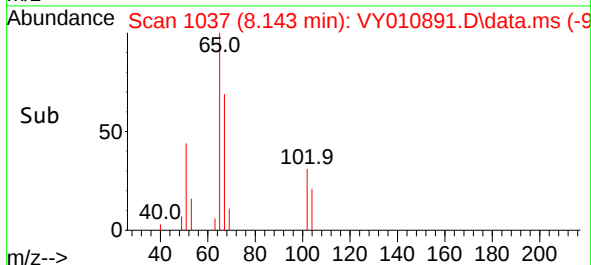
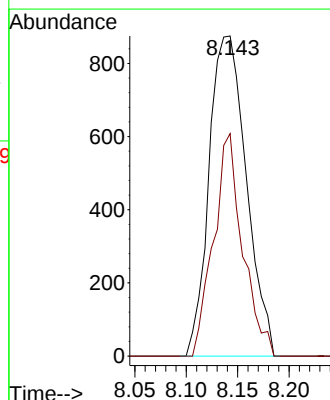
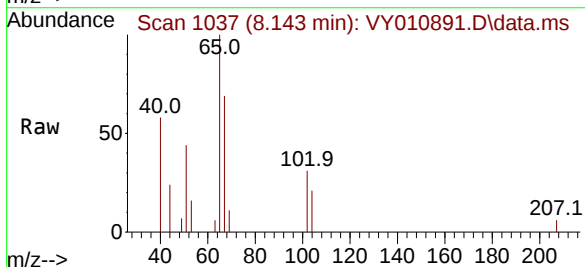
Instrument :
MSVOA_Y
ClientSampleId :
R-4RE

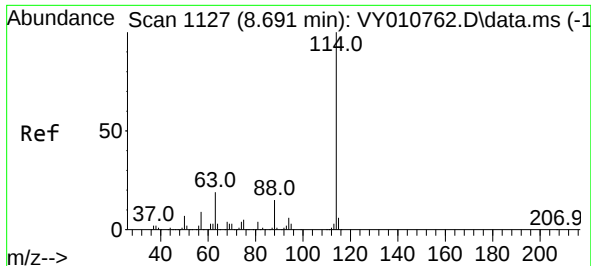
Tgt Ion:168 Resp: 4015
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010891.D
Acq: 10 Oct 2022 15:33

Tgt Ion: 65 Resp: 2203
Ion Ratio Lower Upper
65 100
67 54.2 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: VY010891.D

Acq: 10 Oct 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

R-4RE

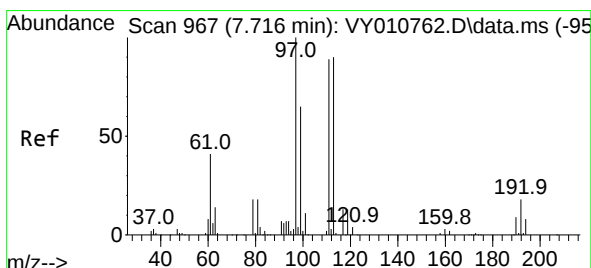
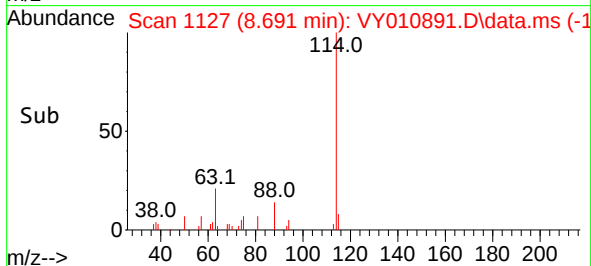
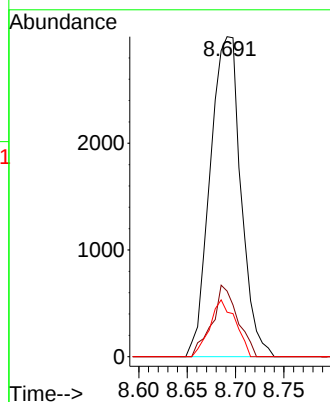
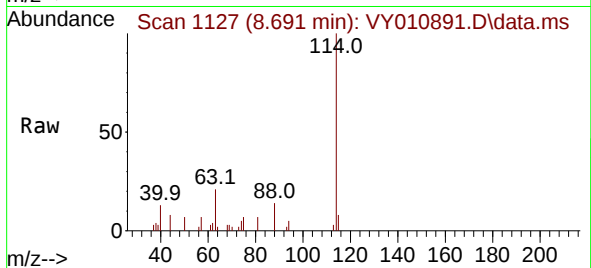
Tgt Ion:114 Resp: 6629

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 24.430 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010891.D

Acq: 10 Oct 2022 15:33

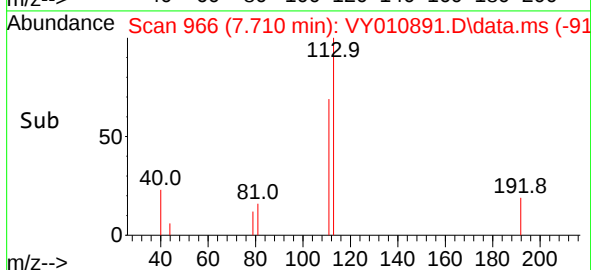
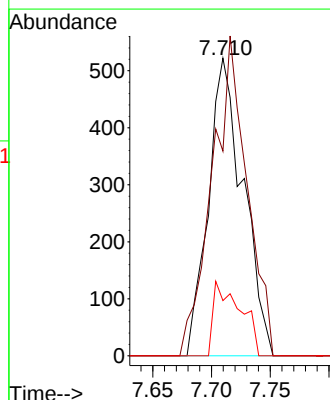
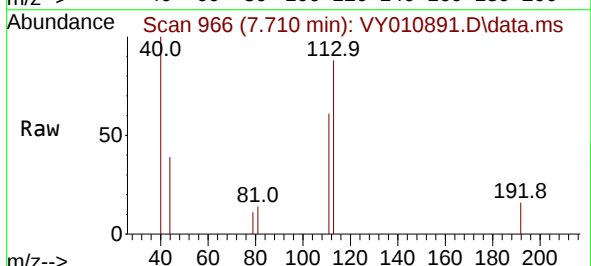
Tgt Ion:113 Resp: 1075

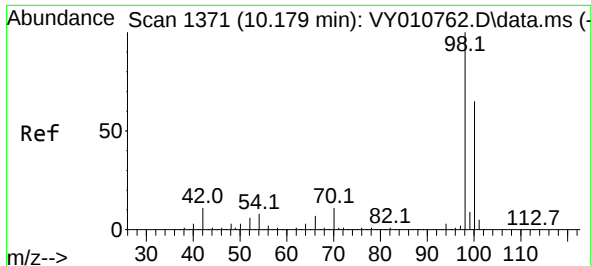
Ion Ratio Lower Upper

113 100

111 108.1 82.6 124.0

192 19.4 17.6 26.4

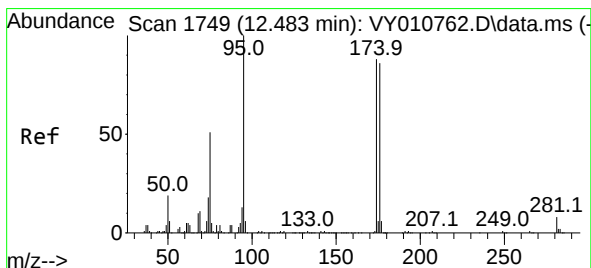
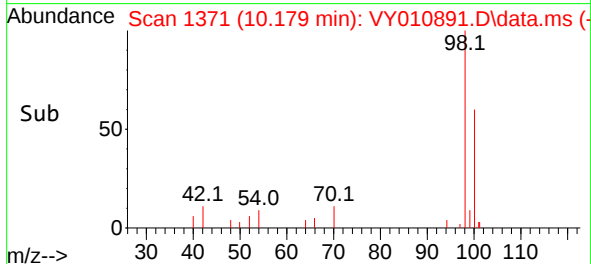
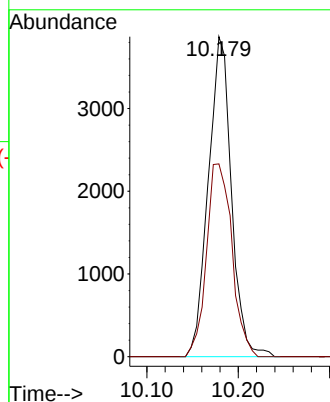
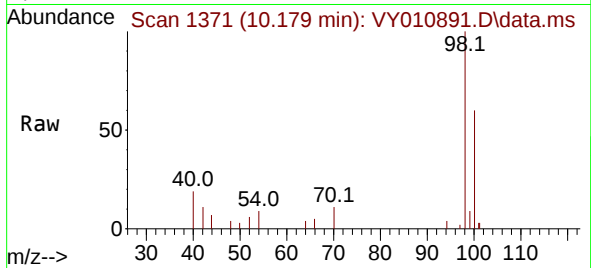




#50
Toluene-d8
Concen: 45.067 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010891.D
Acq: 10 Oct 2022 15:33

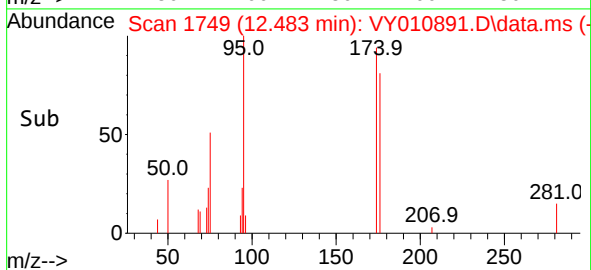
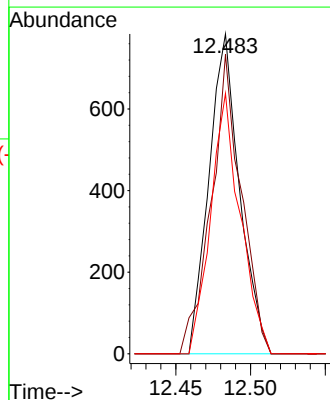
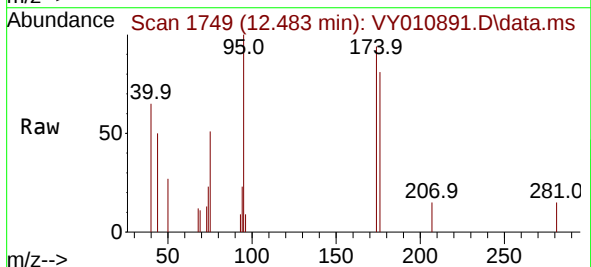
Instrument :
MSVOA_Y
ClientSampleId :
R-4RE

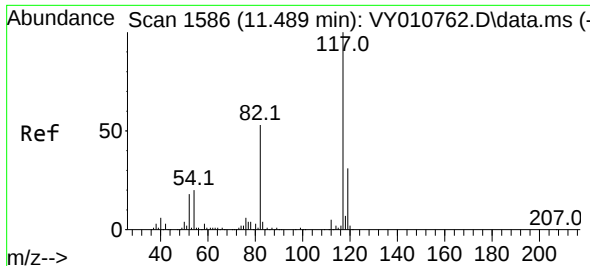
Tgt Ion: 98 Resp: 6782
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 16.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010891.D
Acq: 10 Oct 2022 15:33

Tgt Ion: 95 Resp: 1117
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 79.0 0.0 175.8

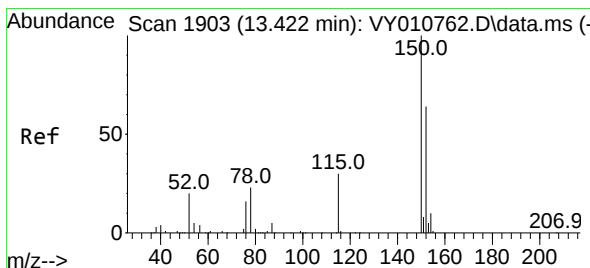
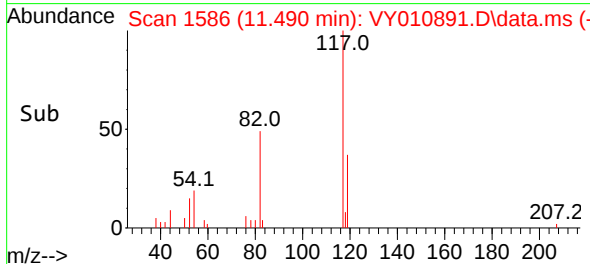
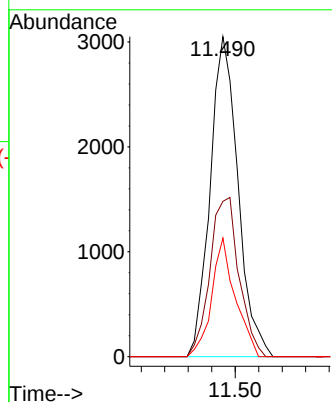
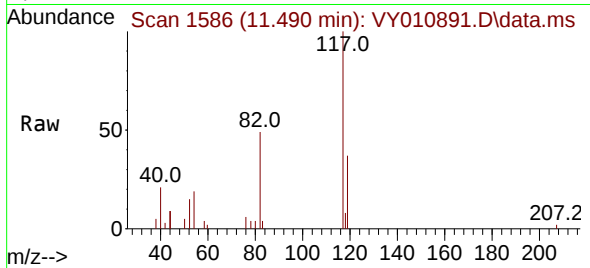




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010891.D
Acq: 10 Oct 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
R-4RE

Tgt Ion:117	Resp:	5022
Ion	Ratio	Lower Upper
117	100	
82	48.5	43.0 64.4
119	37.0	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: VY010891.D
Acq: 10 Oct 2022 15:33

Tgt Ion:152	Resp:	773
Ion	Ratio	Lower Upper
152	100	
115	62.4	28.2 84.7
150	171.3	0.0 347.6

