

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010599.D
 Acq On : 21 Sep 2022 15:21
 Operator : KP/MD
 Sample : N4697-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-7.5-8.0RE

Quant Time: Sep 22 06:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1301	61.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.880%
35) Dibromofluoromethane	7.703	113	311	11.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.460%#
50) Toluene-d8	10.173	98	3825	39.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.440%
62) 4-Bromofluorobenzene	12.477	95	665	16.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.960%

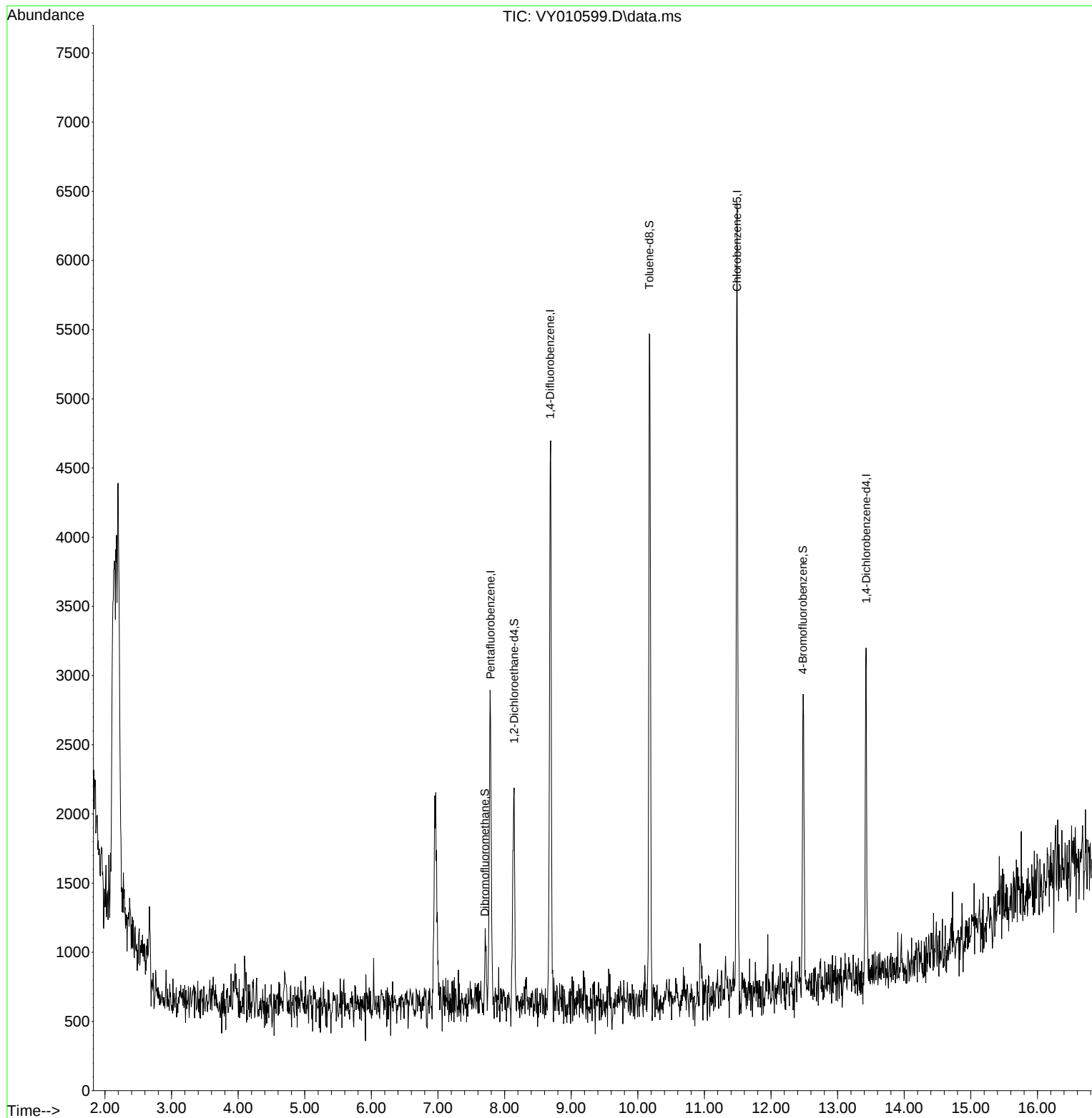
Target Compounds	Qvalue

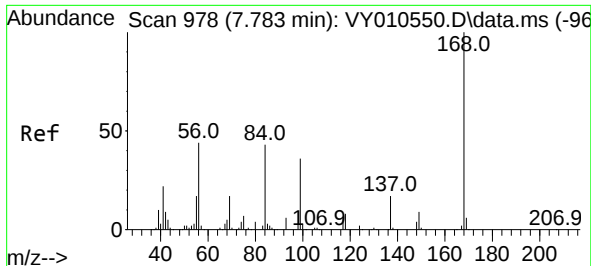
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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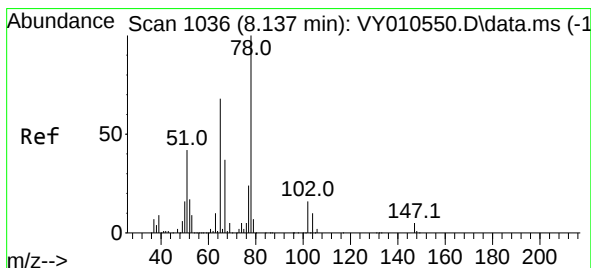
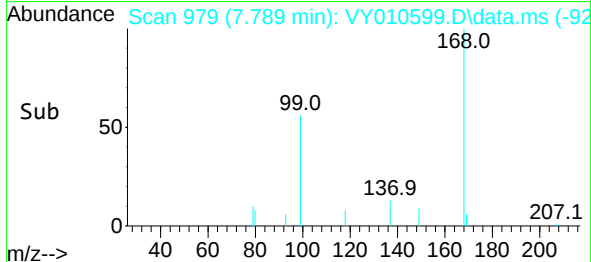
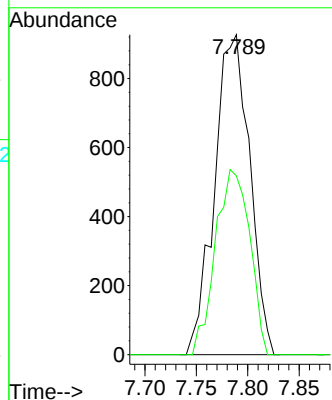
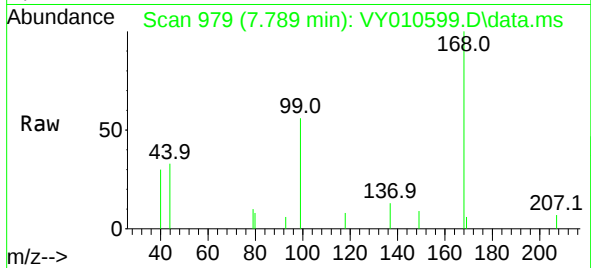




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

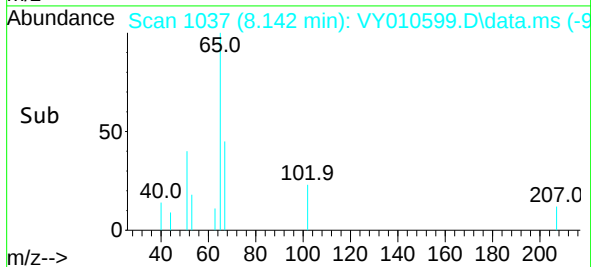
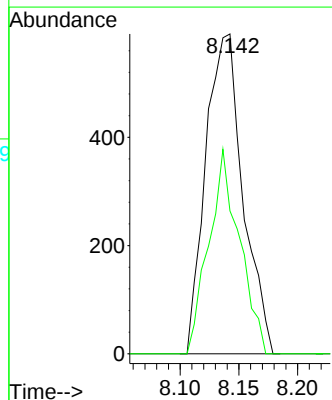
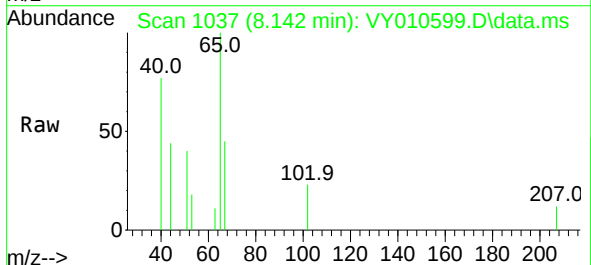
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0RE

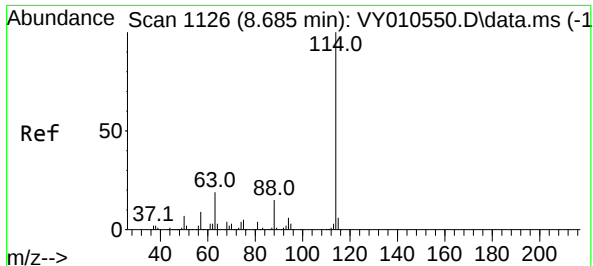
Tgt Ion:168 Resp: 2214
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.436 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion: 65 Resp: 1301
Ion Ratio Lower Upper
65 100
67 52.7 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: VY010599.D

Acq: 21 Sep 2022 15:21

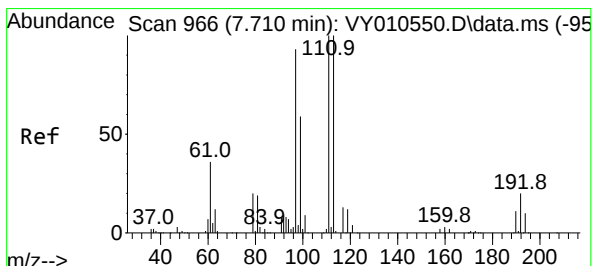
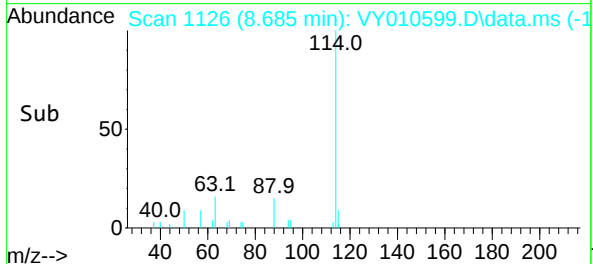
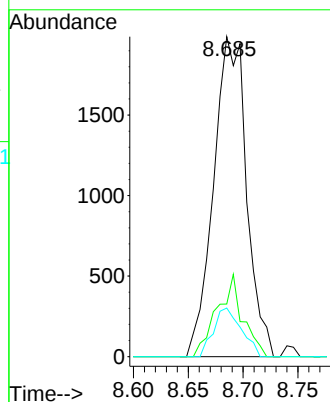
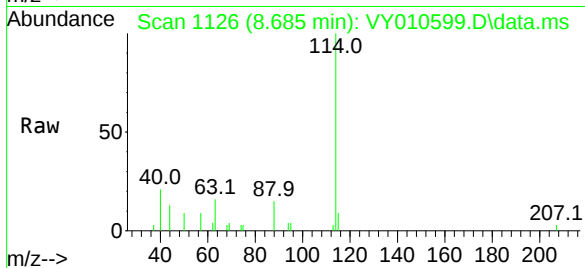
Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0RE

Tgt Ion:114	Resp:	4154
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 43.2
88	15.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 11.731 ug/l

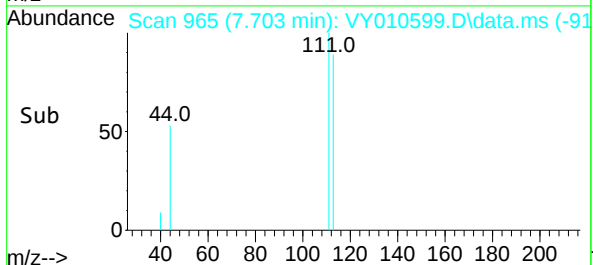
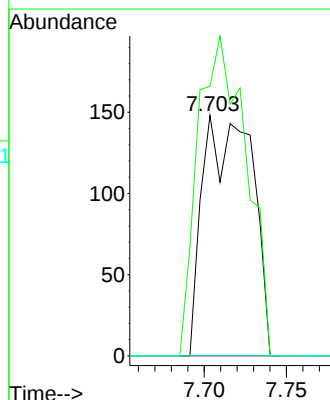
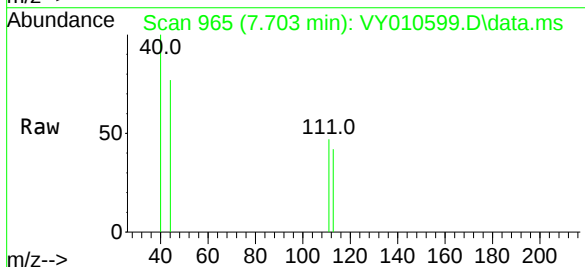
RT: 7.703 min Scan# 965

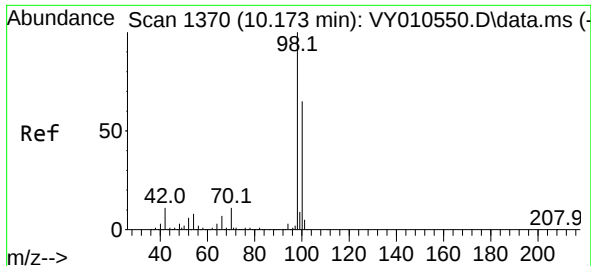
Delta R.T. -0.007 min

Lab File: VY010599.D

Acq: 21 Sep 2022 15:21

Tgt Ion:113	Resp:	311
Ion	Ratio	Lower Upper
113	100	
111	129.6	82.6 124.0#
192	0.0	17.6 26.4#

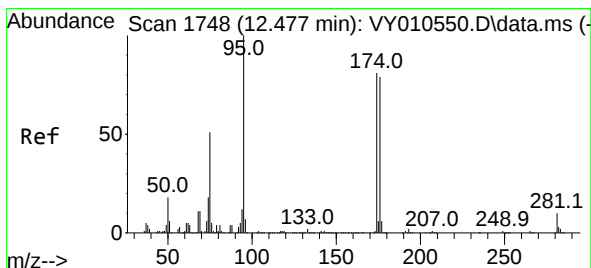
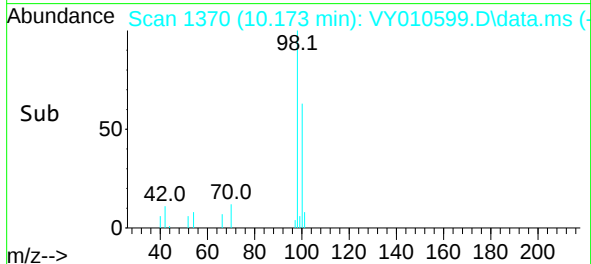
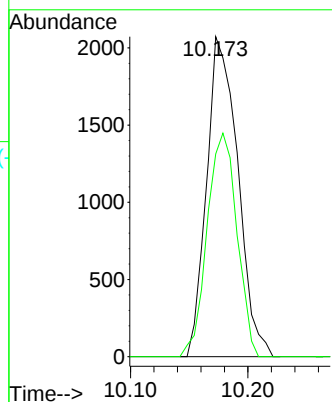
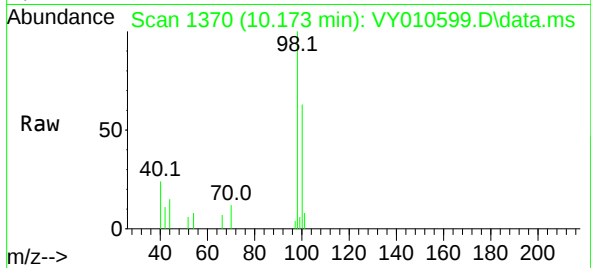




#50
Toluene-d8
Concen: 39.724 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

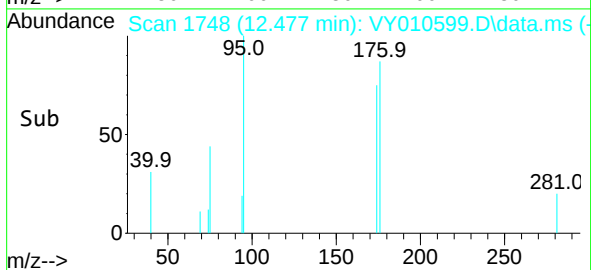
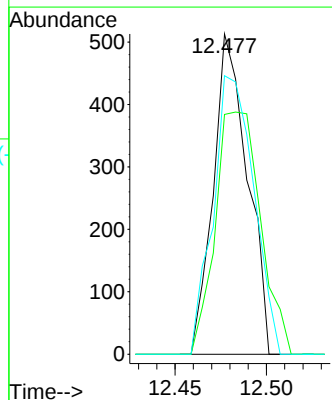
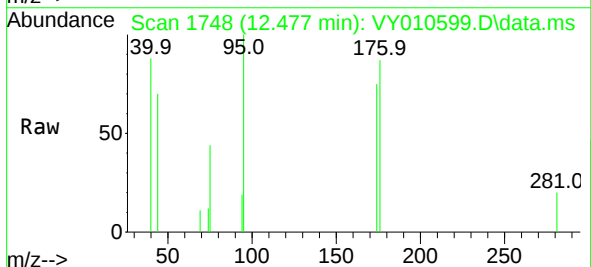
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0RE

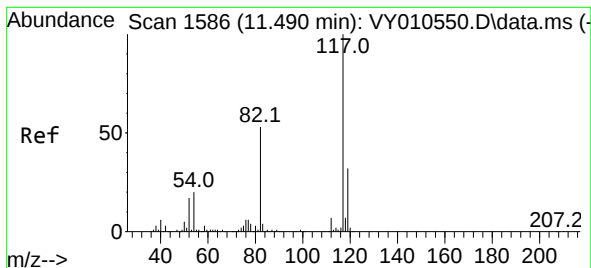
Tgt Ion: 98 Resp: 3825
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 16.477 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion: 95 Resp: 665
Ion Ratio Lower Upper
95 100
174 100.3 0.0 177.0
176 103.9 0.0 175.8

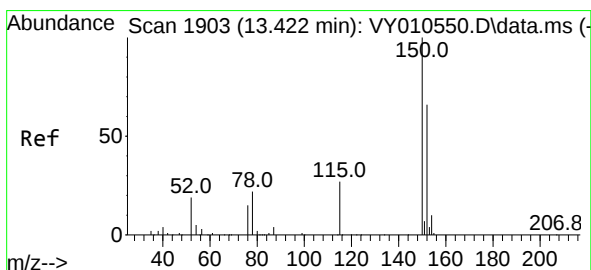
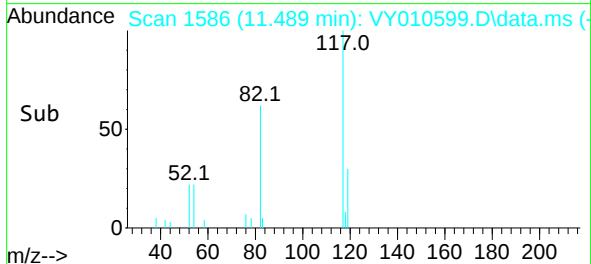
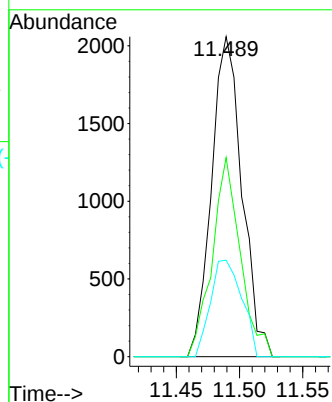
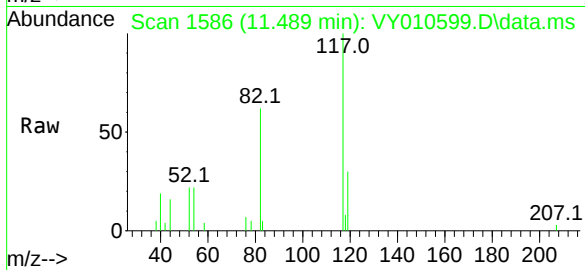




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0RE

Tgt Ion:	117	Resp:	3439
Ion	Ratio	Lower	Upper
117	100		
82	62.2	43.0	64.4
119	30.2	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: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion:	152	Resp:	725
Ion	Ratio	Lower	Upper
152	100		
115	66.1	28.2	84.7
150	155.4	0.0	347.6

