

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010624.D
 Acq On : 22 Sep 2022 15:52
 Operator : KP/MD
 Sample : N4723-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Sep 23 09:03:19 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	7.783	168	28194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	48650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12619	46.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.580%
35) Dibromofluoromethane	7.710	113	11962	38.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.060%
50) Toluene-d8	10.179	98	43442	38.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.240%
62) 4-Bromofluorobenzene	12.483	95	11444	25.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.100%

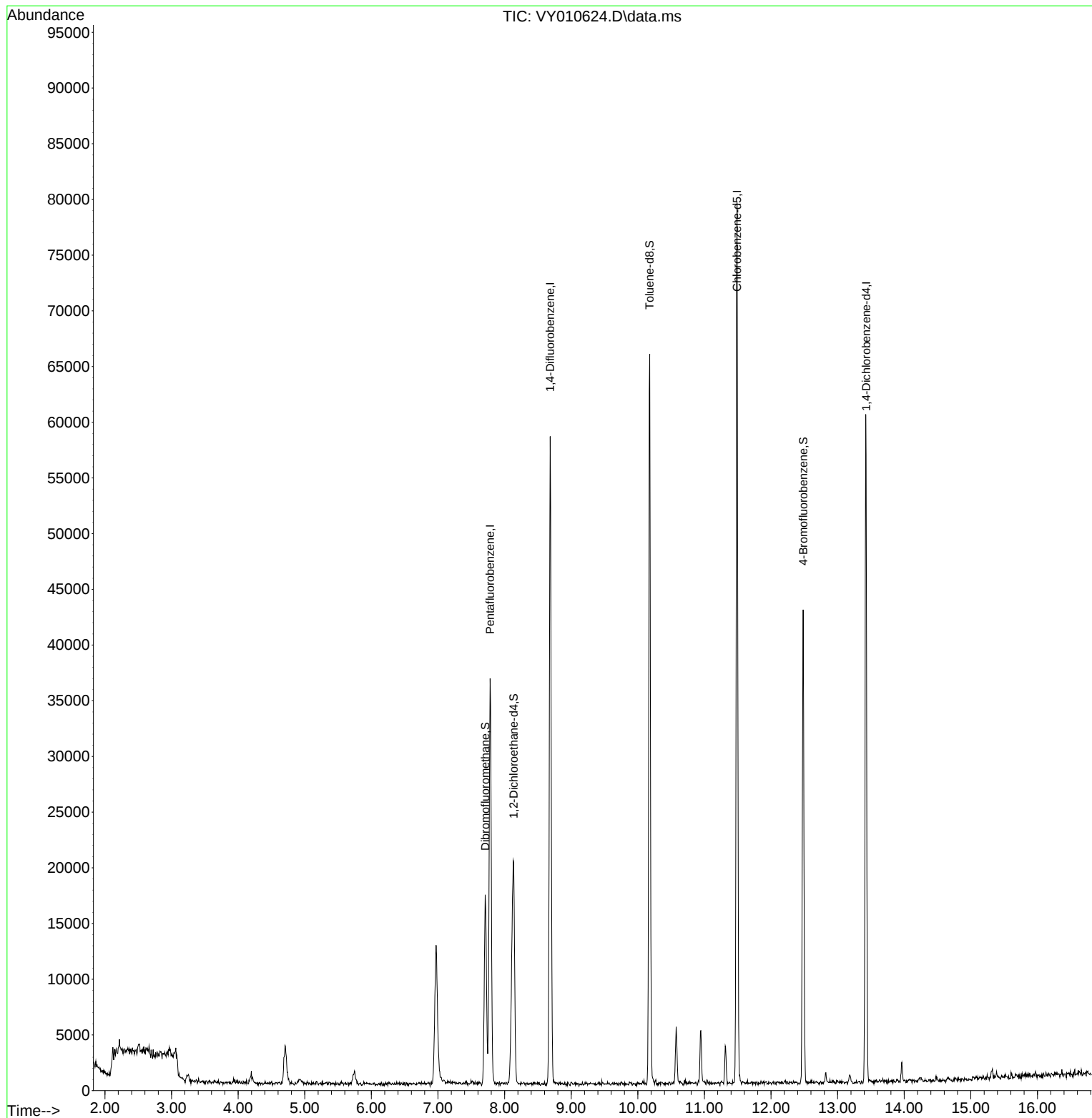
Target Compounds	Qvalue

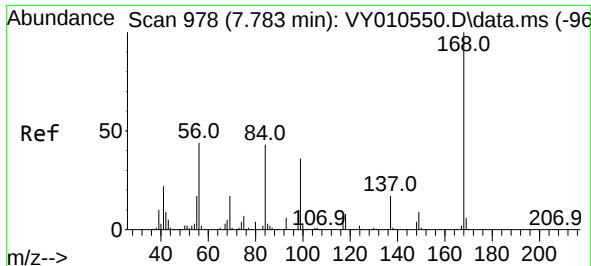
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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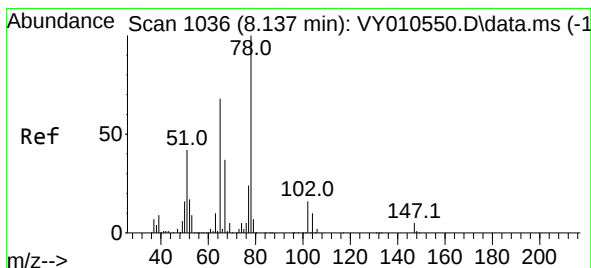
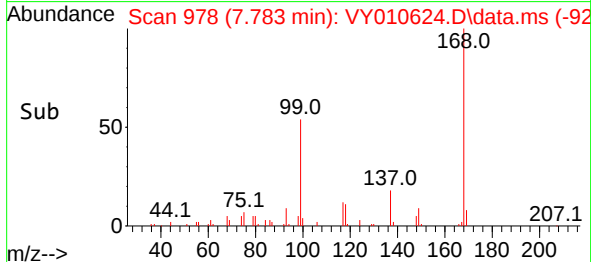
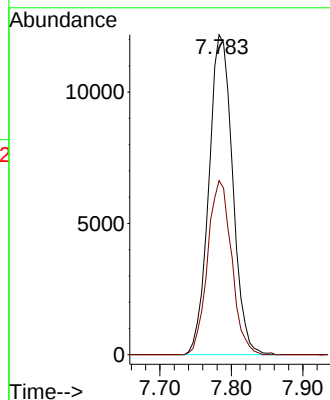
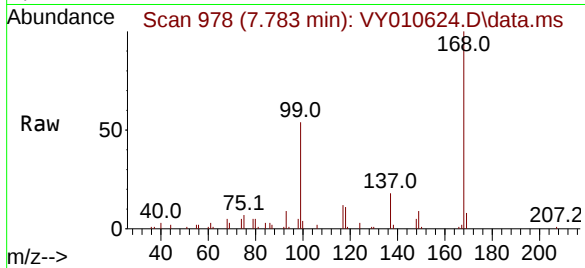




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010624.D
Acq: 22 Sep 2022 15:52

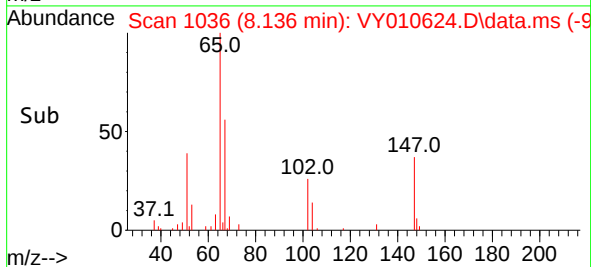
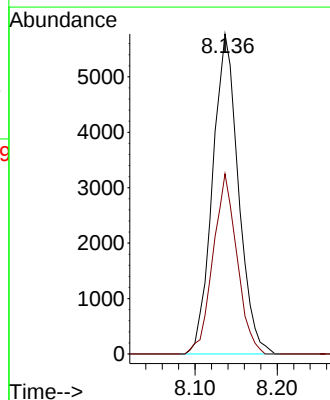
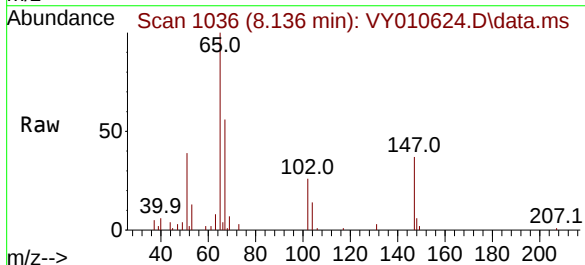
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

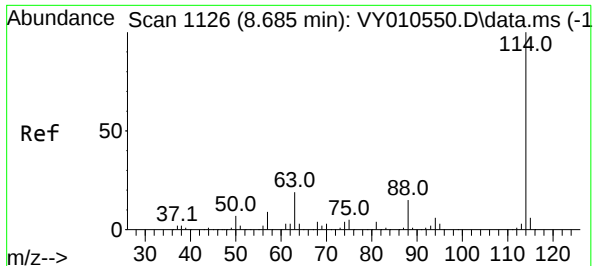
Tgt Ion:168 Resp: 28194
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.794 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010624.D
Acq: 22 Sep 2022 15:52

Tgt Ion: 65 Resp: 12619
Ion Ratio Lower Upper
65 100
67 52.3 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: VY010624.D

Acq: 22 Sep 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-8.5-9.0

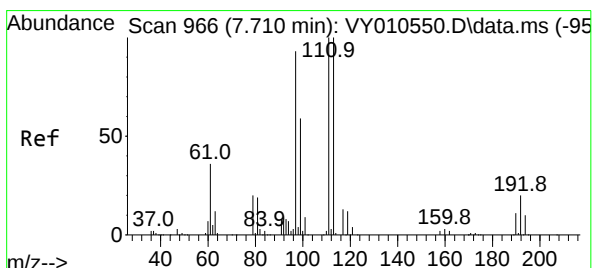
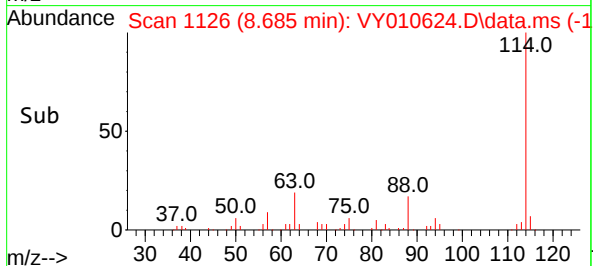
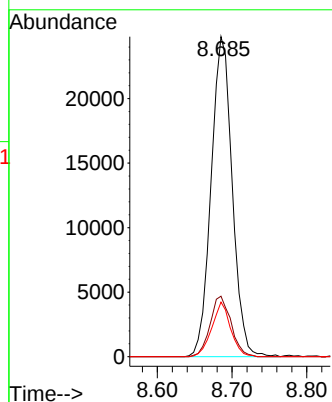
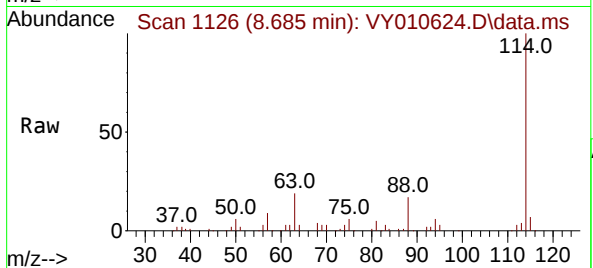
Tgt Ion:114 Resp: 48650

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 17.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.527 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010624.D

Acq: 22 Sep 2022 15:52

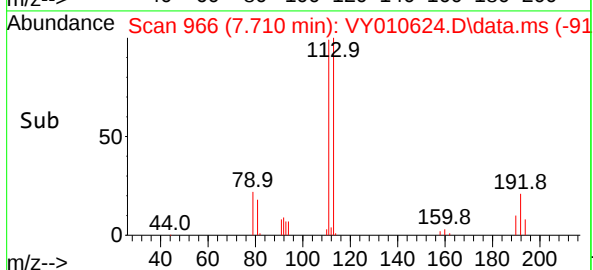
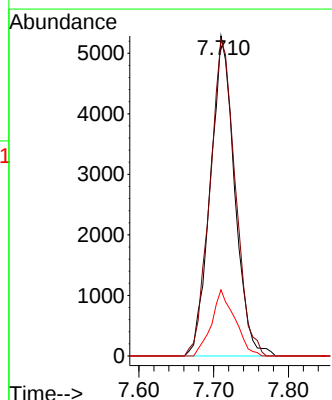
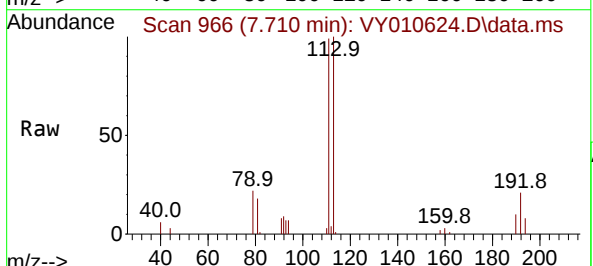
Tgt Ion:113 Resp: 11962

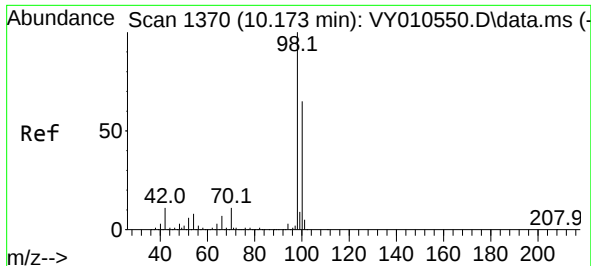
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.8 17.6 26.4

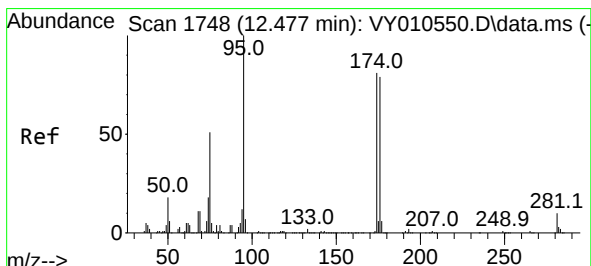
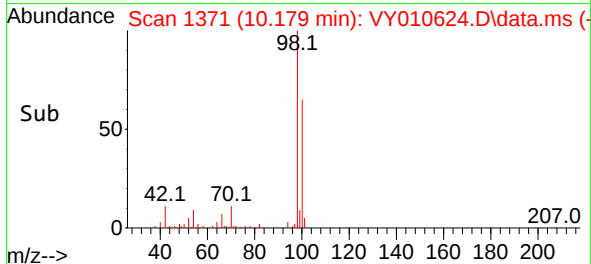
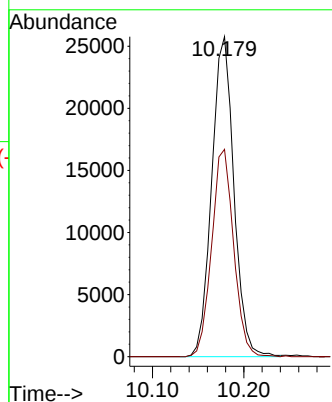
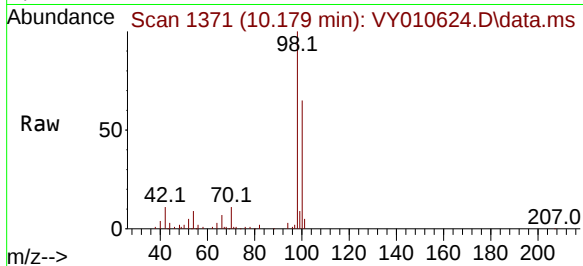




#50
Toluene-d8
Concen: 38.617 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010624.D
Acq: 22 Sep 2022 15:52

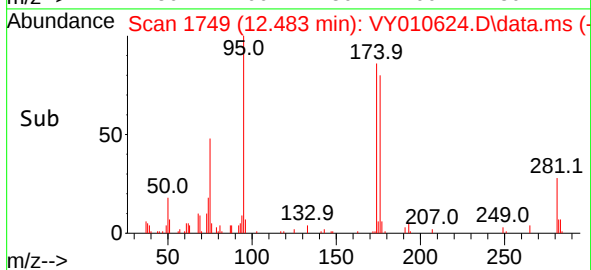
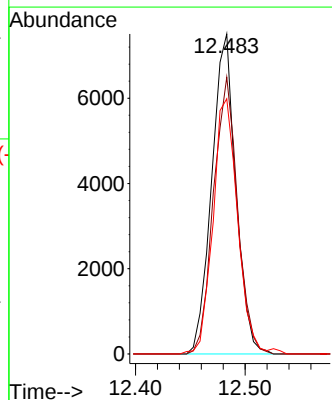
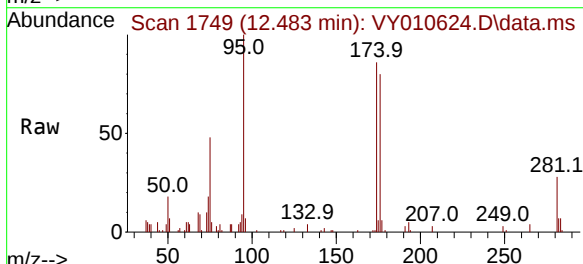
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

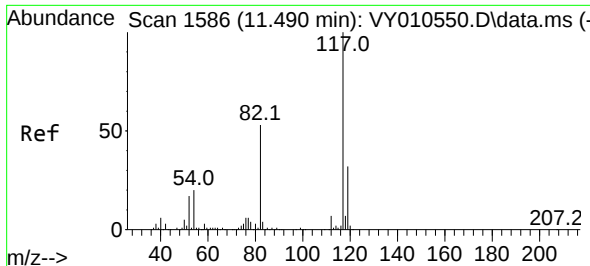
Tgt Ion: 98 Resp: 43442
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010624.D
Acq: 22 Sep 2022 15:52

Tgt Ion: 95 Resp: 11444
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.0 0.0 175.8

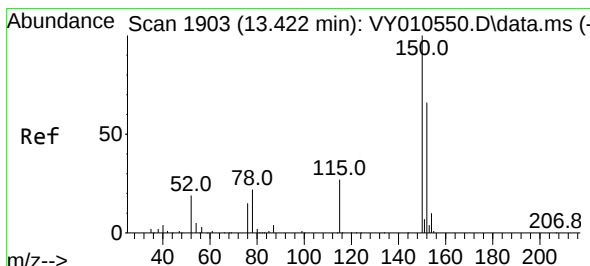
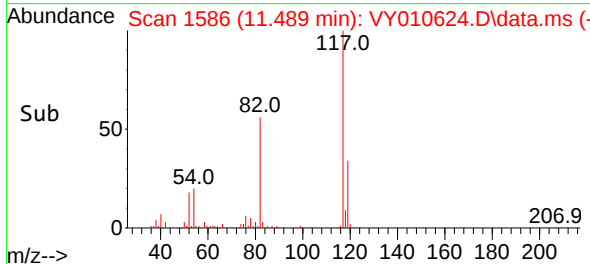
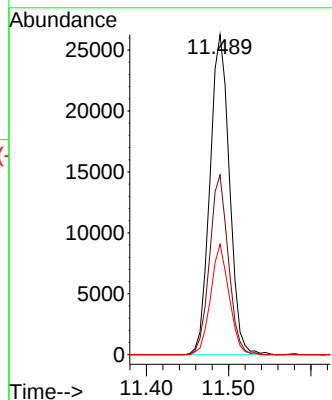
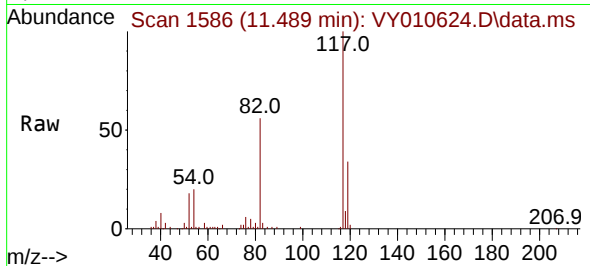




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010624.D
Acq: 22 Sep 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion:	117	Resp:	43347
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.0	64.4
119	34.5	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: VY010624.D
Acq: 22 Sep 2022 15:52

Tgt Ion:	152	Resp:	15702
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	163.4	0.0	347.6

