

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009298.D
 Acq On : 23 Jun 2022 16:44
 Operator : KP/MD
 Sample : N3462-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-9-11-20220622

Quant Time: Jun 24 09:23:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	4903	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	8119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	3329	61.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.640%	
35) Dibromofluoromethane	7.716	113	1209	22.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.980%#	
50) Toluene-d8	10.179	98	9241	45.751	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.500%	
62) 4-Bromofluorobenzene	12.477	95	2913	41.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.080%	

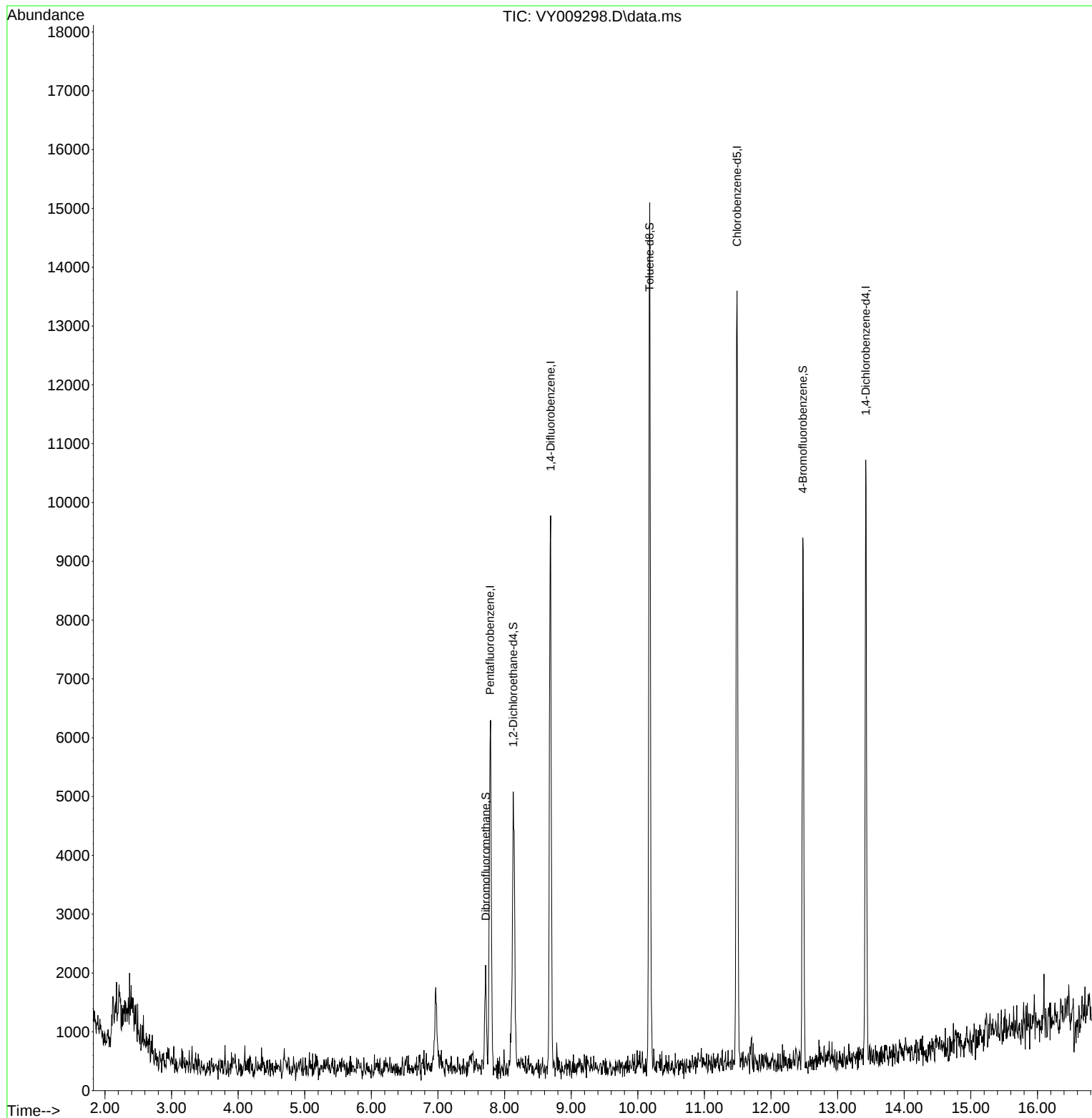
Target Compounds	Qvalue

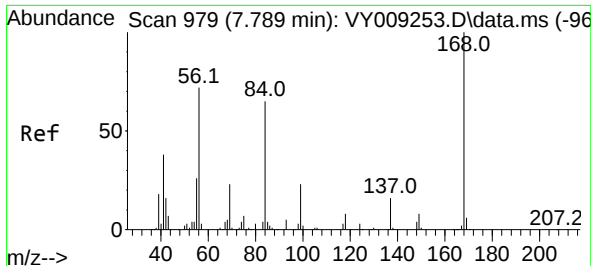
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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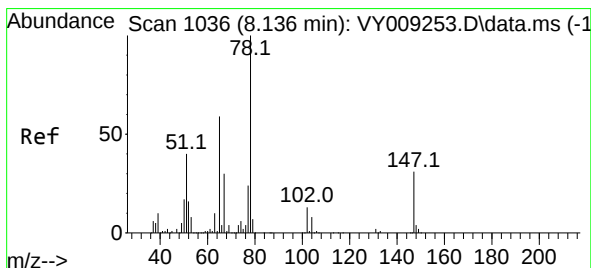
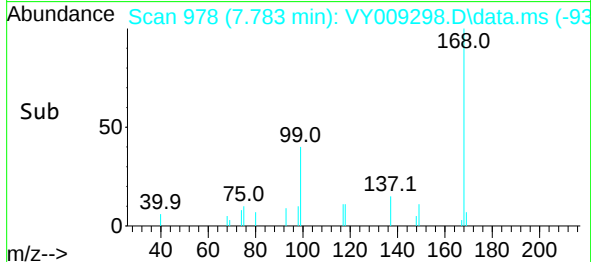
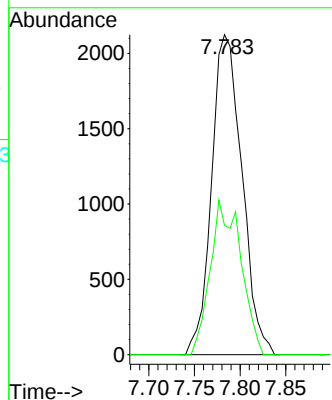
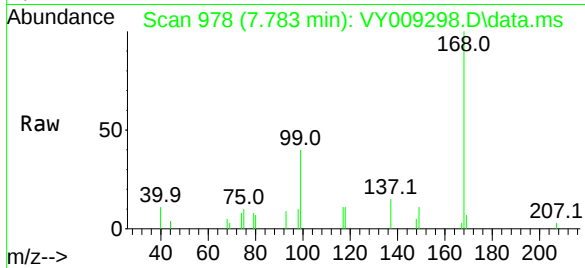




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009298.D
Acq: 23 Jun 2022 16:44

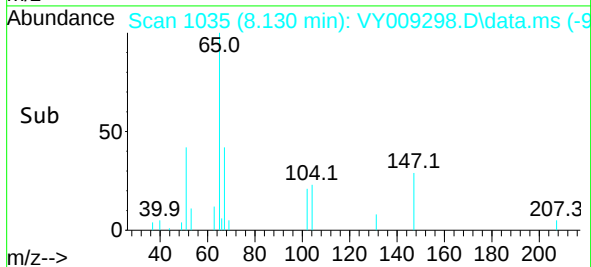
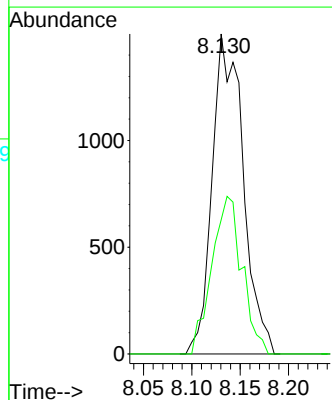
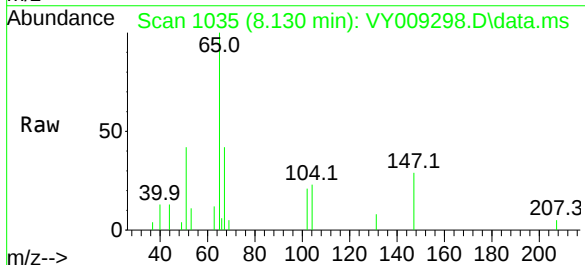
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622

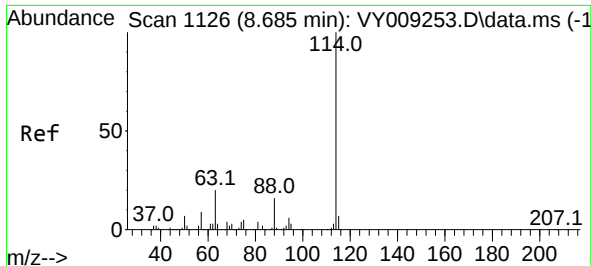
Tgt Ion:168 Resp: 4903
Ion Ratio Lower Upper
168 100
99 40.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 61.822 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009298.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 65 Resp: 3329
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009298.D

Acq: 23 Jun 2022 16:44

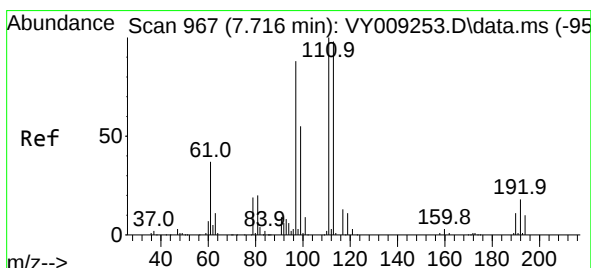
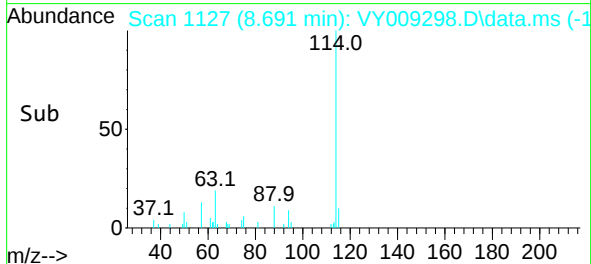
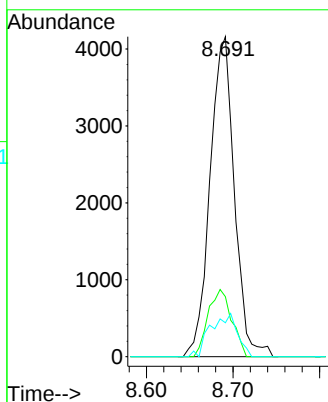
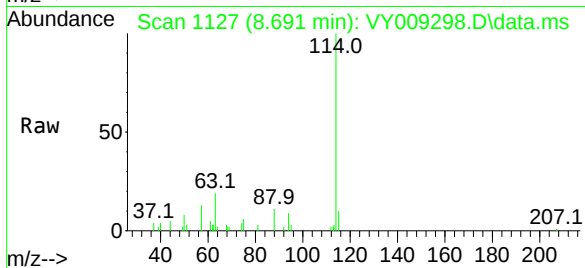
Instrument :

MSVOA_Y

ClientSampleId :

SB-8-9-11-20220622

Tgt Ion:114	Resp:	8119
Ion Ratio	Lower	Upper
114	100	
63	18.8	0.0 43.2
88	10.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 22.993 ug/l

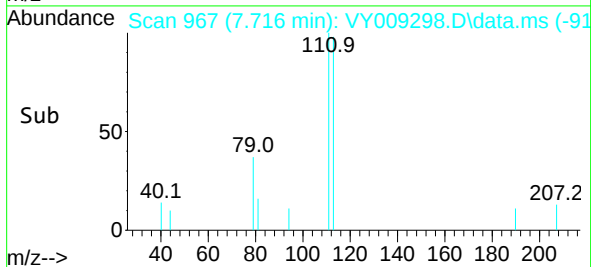
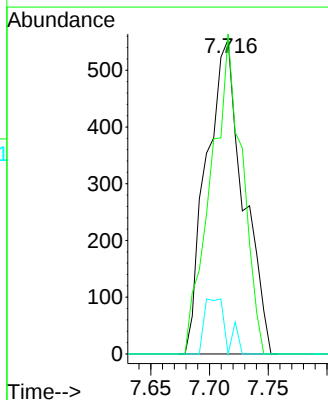
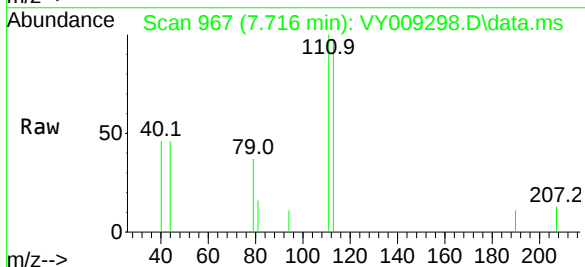
RT: 7.716 min Scan# 967

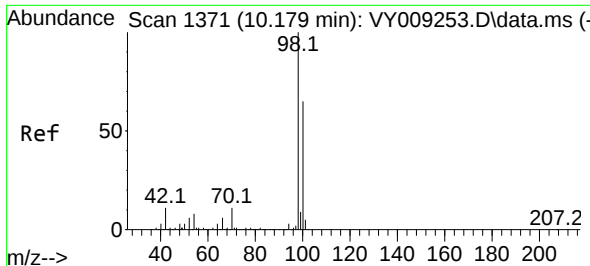
Delta R.T. -0.000 min

Lab File: VY009298.D

Acq: 23 Jun 2022 16:44

Tgt Ion:113	Resp:	1209
Ion Ratio	Lower	Upper
113	100	
111	86.1	82.6 124.0
192	10.4	17.6 26.4

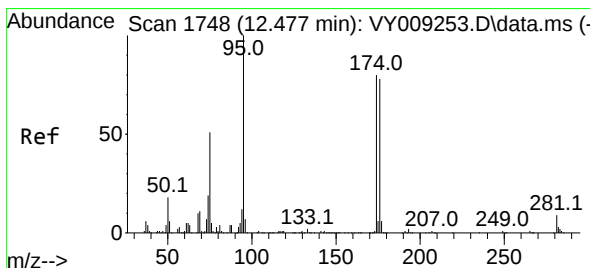
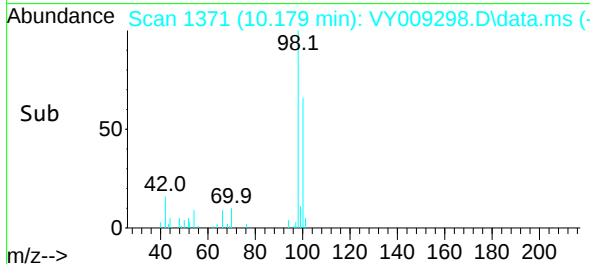
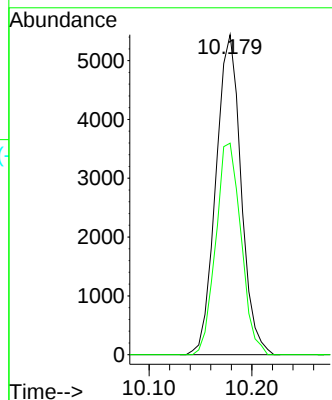
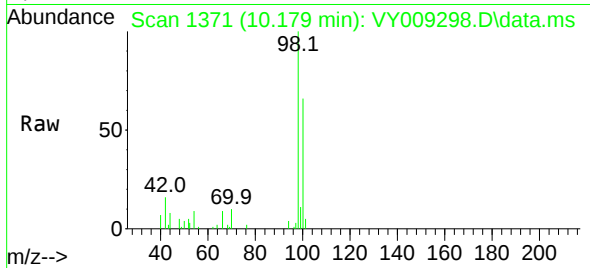




#50
Toluene-d8
Concen: 45.751 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009298.D
Acq: 23 Jun 2022 16:44

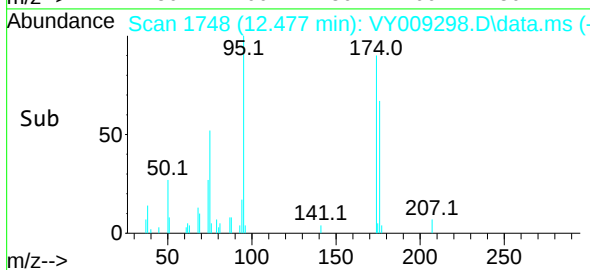
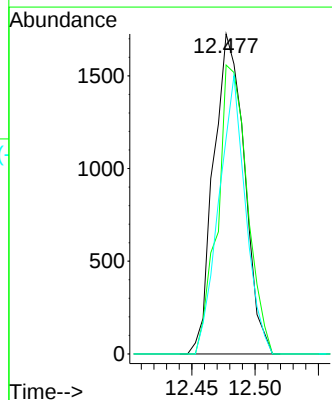
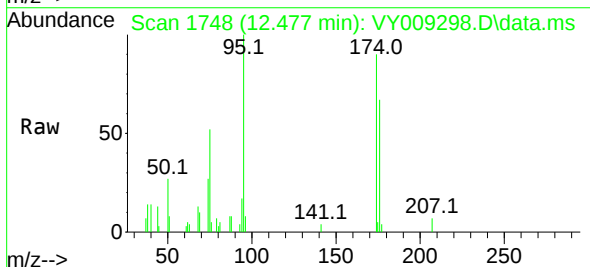
Instrument :
MSVOA_Y
ClientSampleId :
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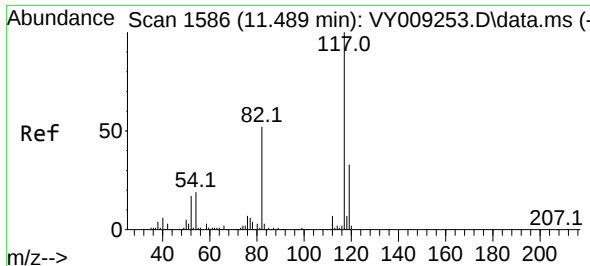
Tgt Ion: 98 Resp: 9241
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.042 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009298.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 95 Resp: 2913
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 75.8 0.0 175.8

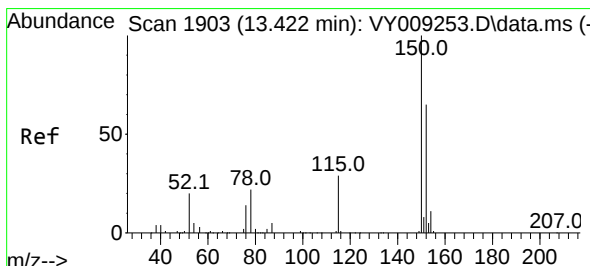
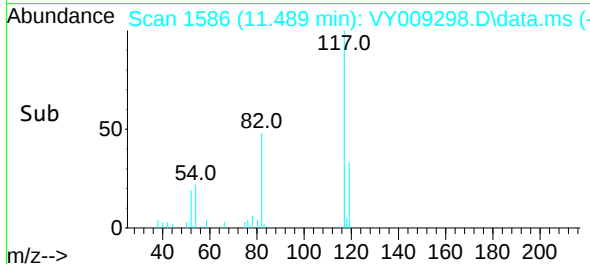
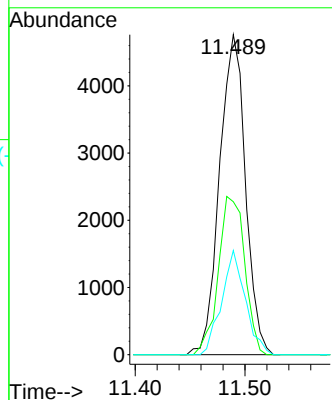
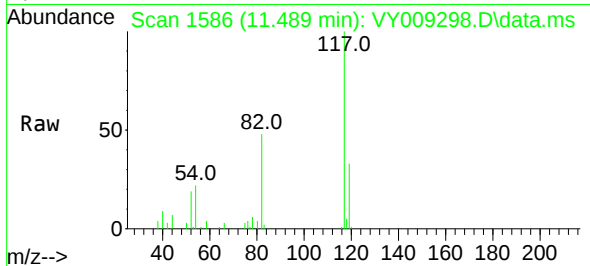




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009298.D
Acq: 23 Jun 2022 16:44

Instrument :
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Tgt Ion:	117	Resp:	7818
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.0	64.4
119	32.6	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: VY009298.D
Acq: 23 Jun 2022 16:44

Tgt Ion:	152	Resp:	2729
Ion	Ratio	Lower	Upper
152	100		
115	52.2	28.2	84.7
150	159.7	0.0	347.6

