

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008809.D
 Acq On : 18 May 2022 13:22
 Operator : KP/MD
 Sample : N2858-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-38

Quant Time: May 19 03:09:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2582	115.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	231.540%#
35) Dibromofluoromethane	7.716	113	1883	75.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.880%#
50) Toluene-d8	10.179	98	4863	44.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.489	95	1337	35.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.220%

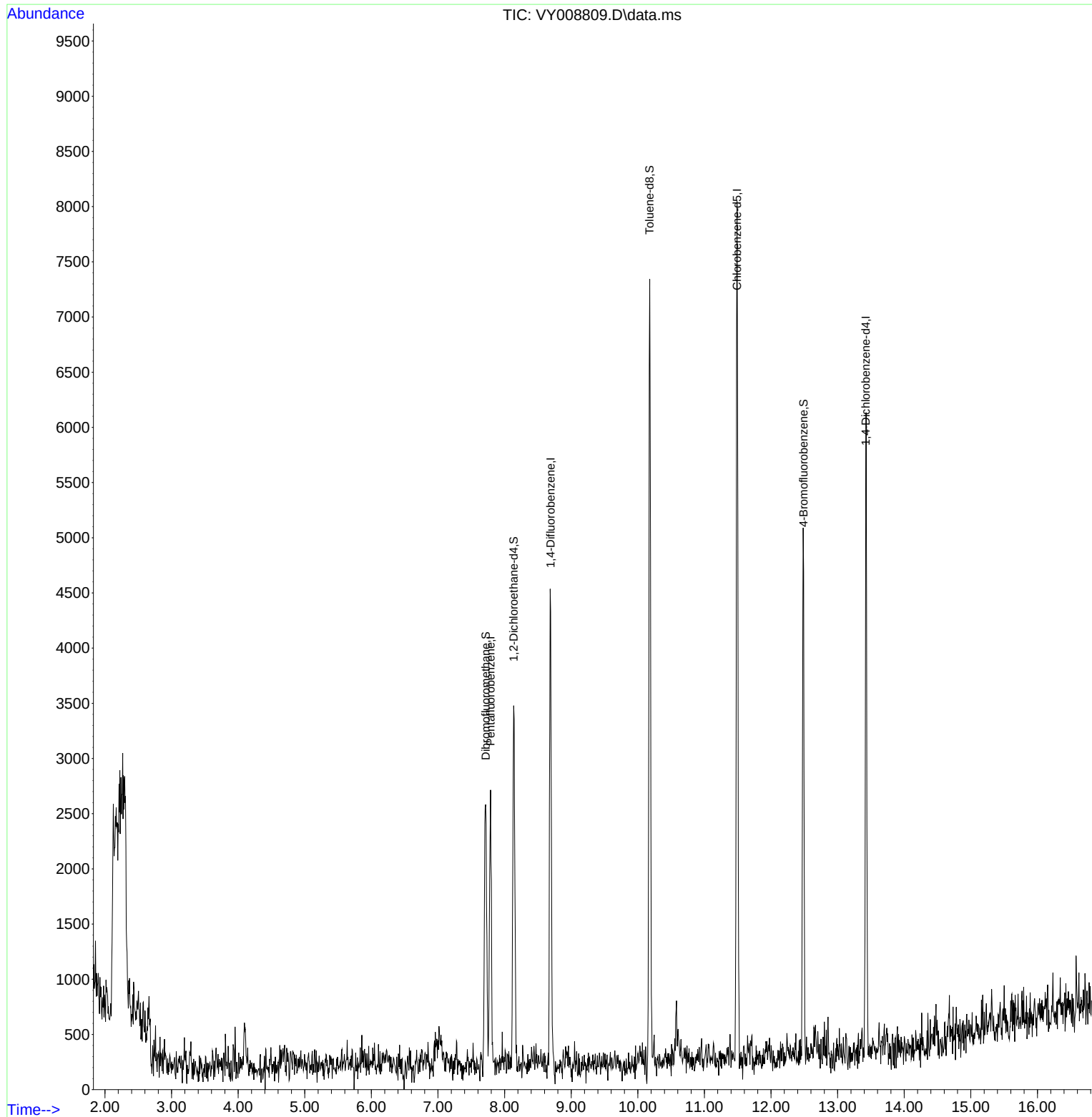
Target Compounds	Qvalue

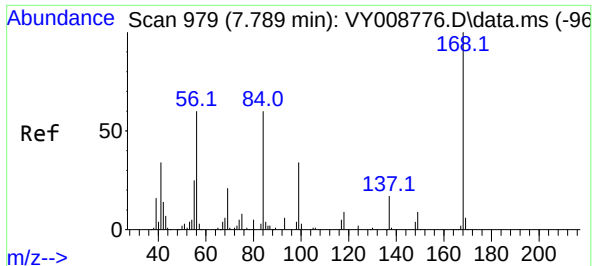
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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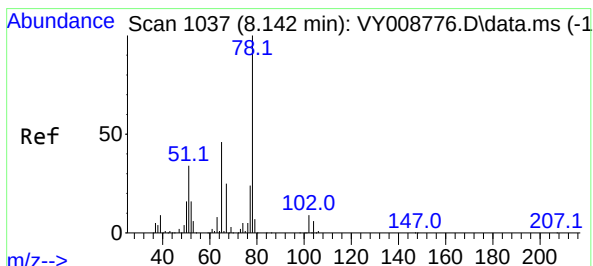
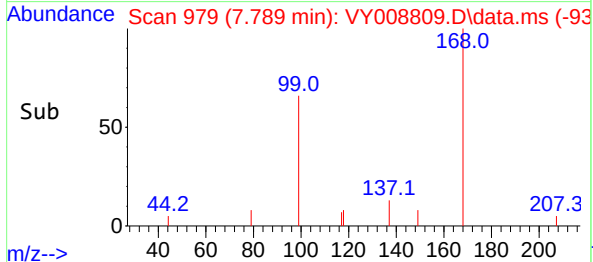
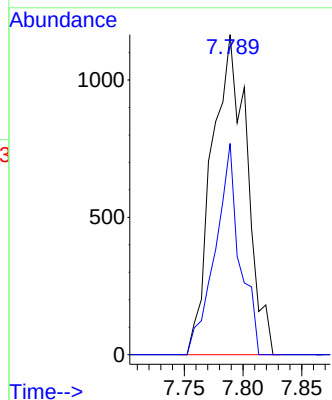
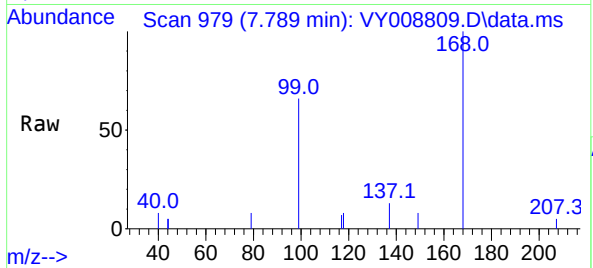




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

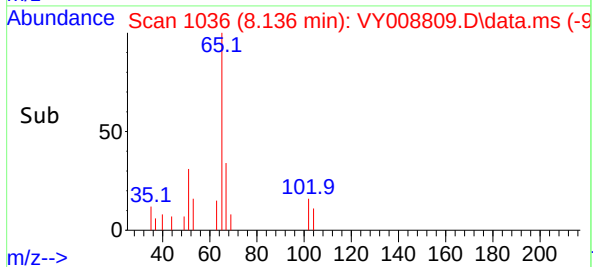
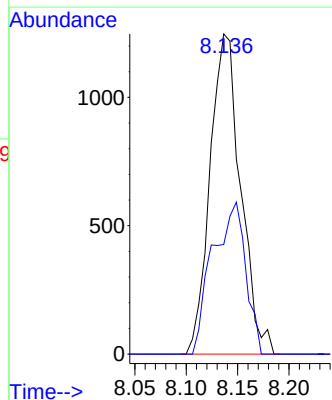
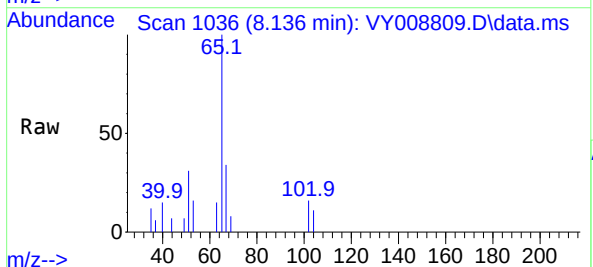
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

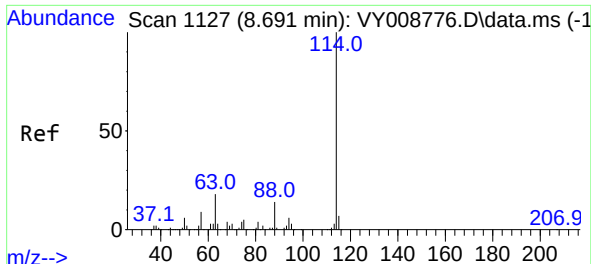
Tgt Ion:168 Resp: 2404
Ion Ratio Lower Upper
168 100
99 66.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 115.774 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

Tgt Ion: 65 Resp: 2582
Ion Ratio Lower Upper
65 100
67 51.2 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: VY008809.D

Acq: 18 May 2022 13:22

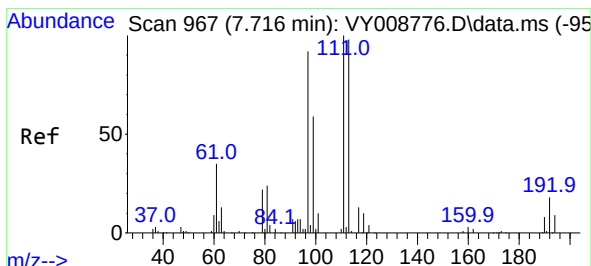
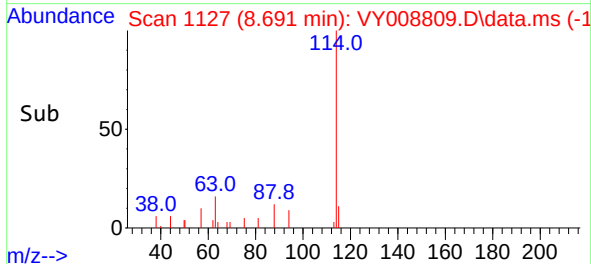
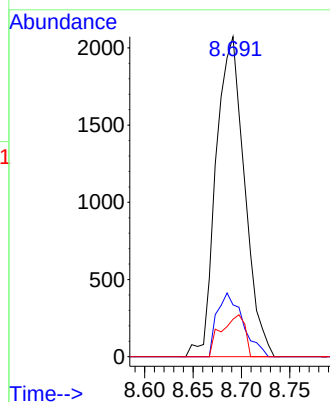
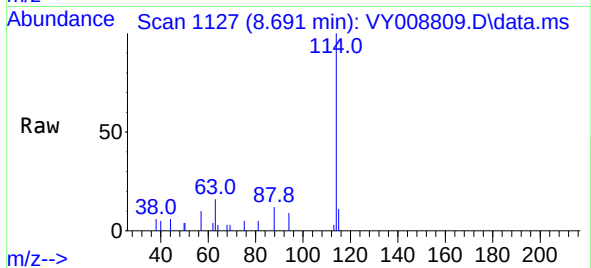
Instrument :

MSVOA_Y

ClientSampleId :

TP-38

Tgt Ion:	114	Resp:	4244
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	43.2
88	11.7	0.0	31.8



#35

Dibromofluoromethane

Concen: 75.937 ug/l

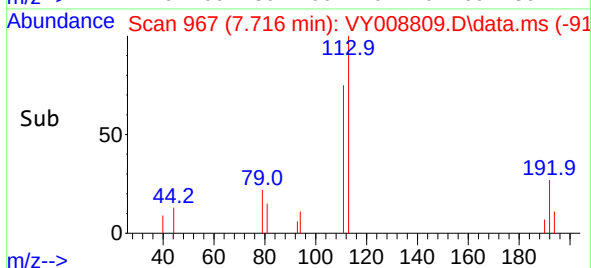
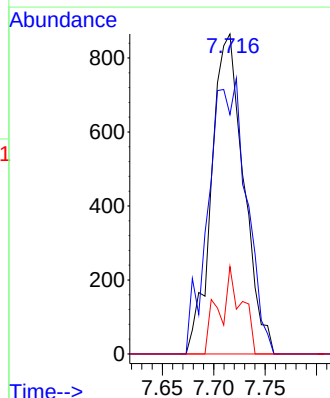
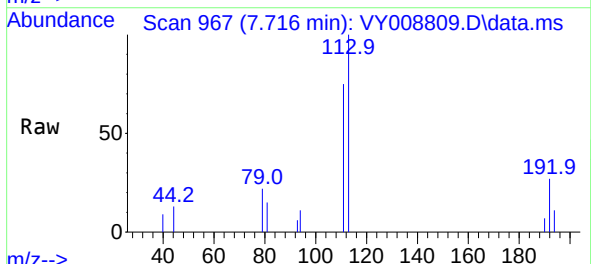
RT: 7.716 min Scan# 967

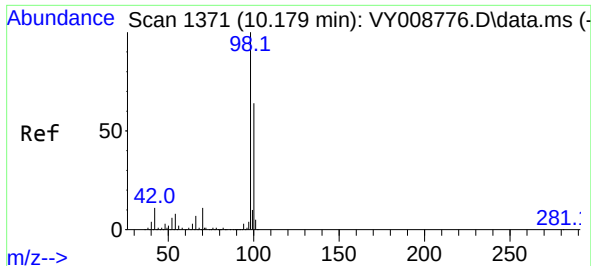
Delta R.T. 0.000 min

Lab File: VY008809.D

Acq: 18 May 2022 13:22

Tgt Ion:	113	Resp:	1883
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	124.0
192	19.1	17.6	26.4

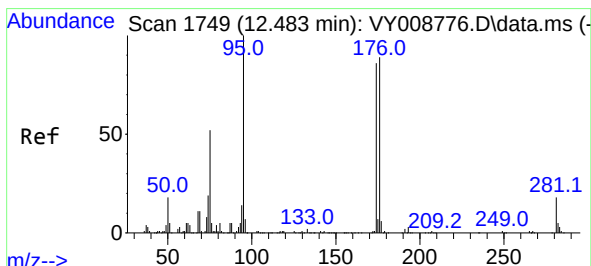
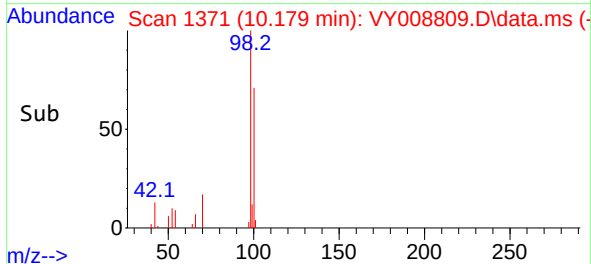
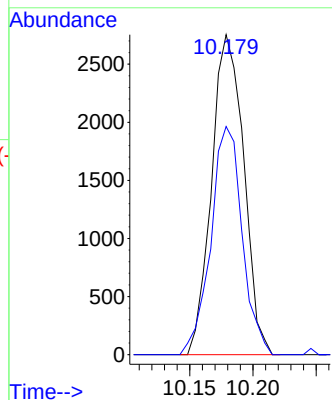
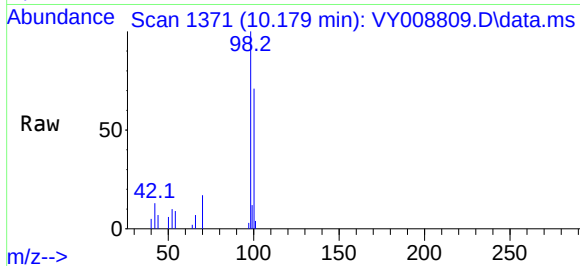




#50
Toluene-d8
Concen: 44.493 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

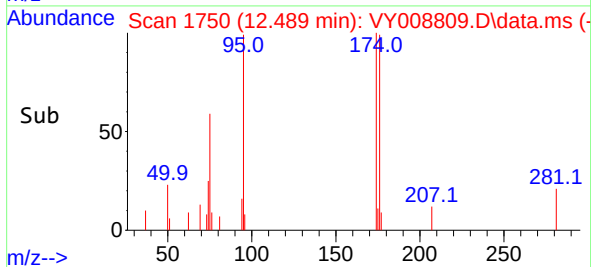
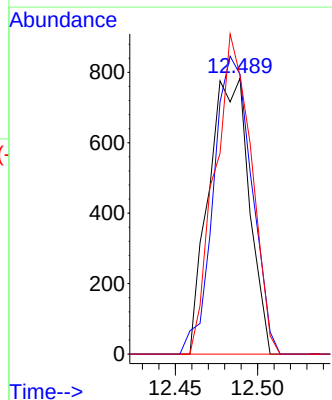
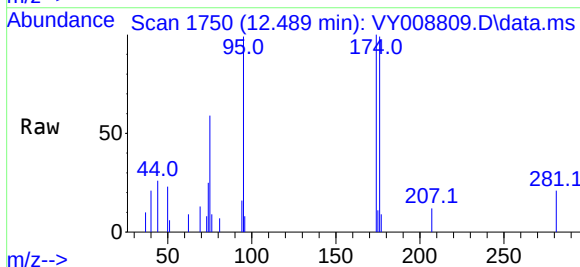
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

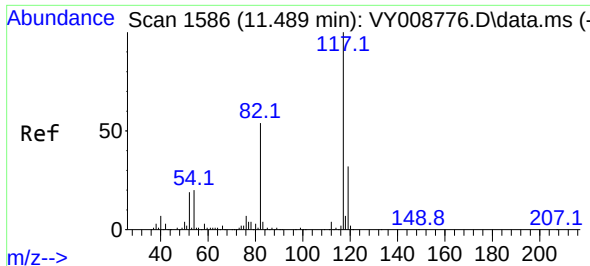
Tgt Ion: 98 Resp: 4863
Ion Ratio Lower Upper
98 100
100 69.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.107 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

Tgt Ion: 95 Resp: 1337
Ion Ratio Lower Upper
95 100
174 101.8 0.0 177.0
176 104.8 0.0 175.8

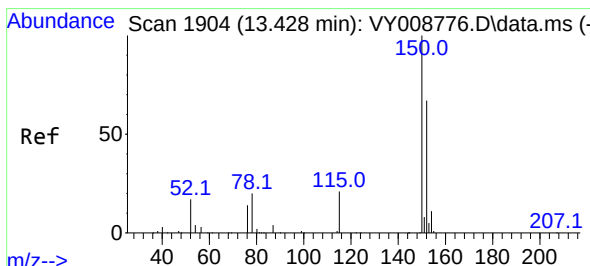
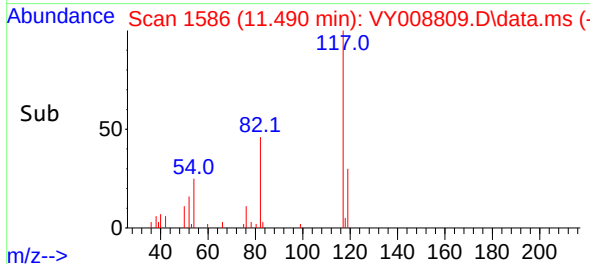
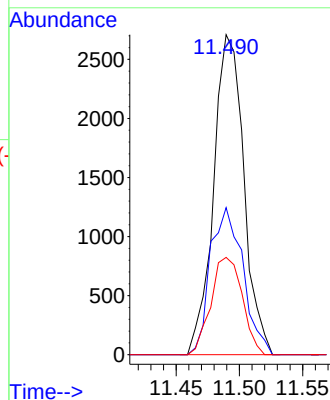
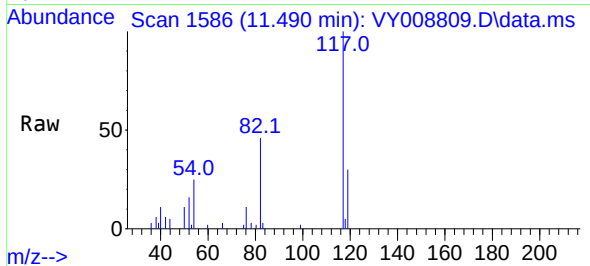




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-38

Tgt Ion:	117	Resp:	4503
Ion	Ratio	Lower	Upper
117	100		
82	46.0	43.0	64.4
119	30.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008809.D
Acq: 18 May 2022 13:22

Tgt Ion:	152	Resp:	1651
Ion	Ratio	Lower	Upper
152	100		
115	50.2	28.2	84.7
150	132.8	0.0	347.6

