

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008714.D
 Acq On : 11 May 2022 18:00
 Operator : KP/MD
 Sample : N2781-04
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-1824-01

Quant Time: May 12 06:31:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	92738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39747	50.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.716	113	43619	50.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.080%	
50) Toluene-d8	10.179	98	157863	51.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.477	95	44603	40.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.720%	

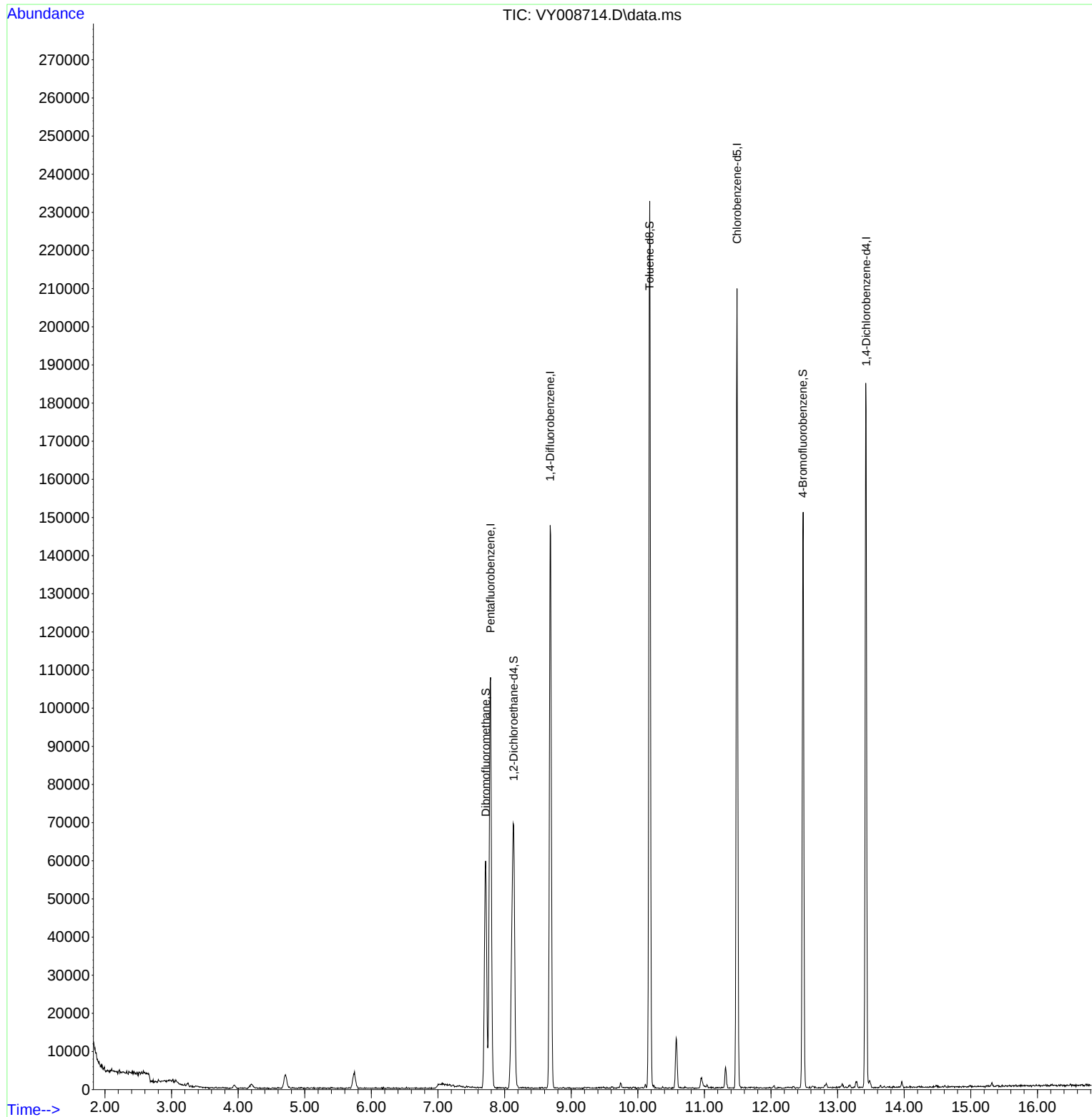
Target Compounds	Qvalue

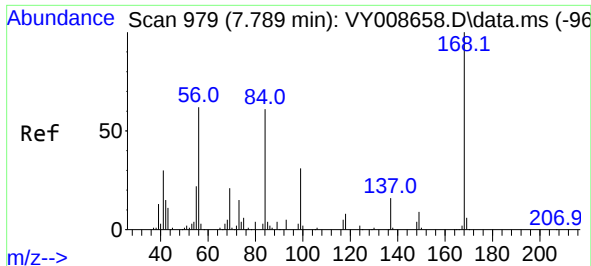
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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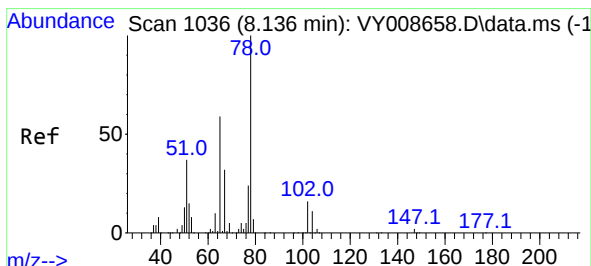
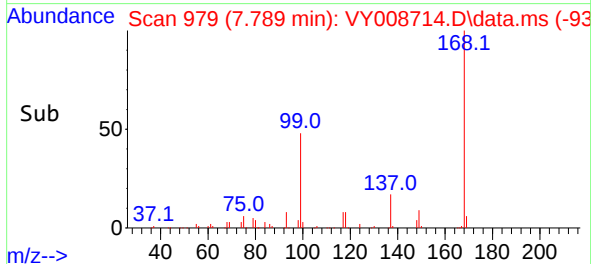
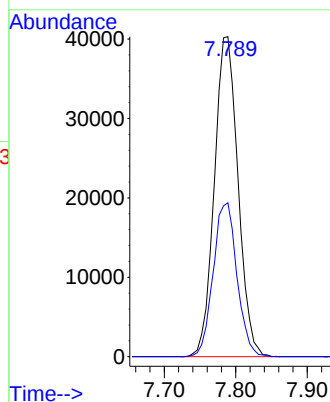
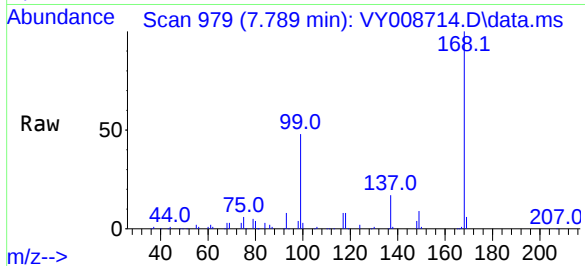




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

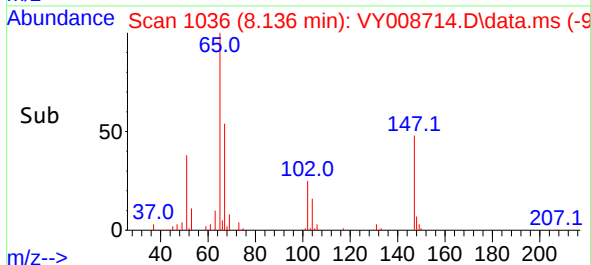
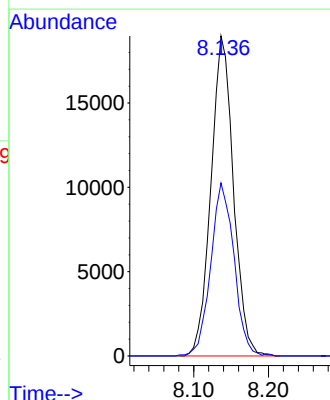
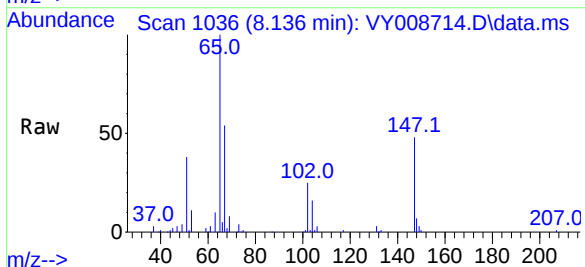
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

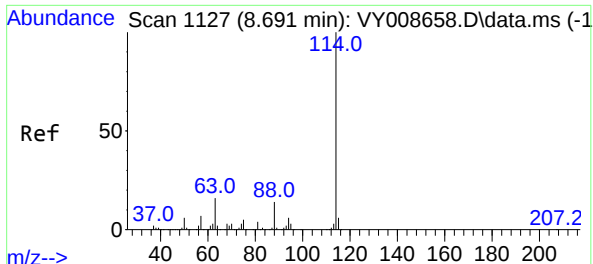
Tgt Ion:168 Resp: 92738
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.020 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 65 Resp: 39747
Ion Ratio Lower Upper
65 100
67 55.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008714.D

Acq: 11 May 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-1824-01

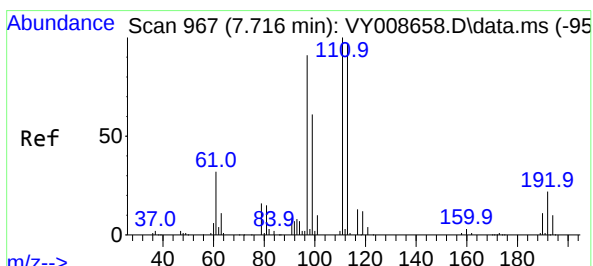
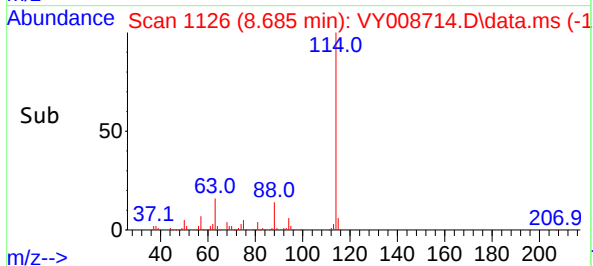
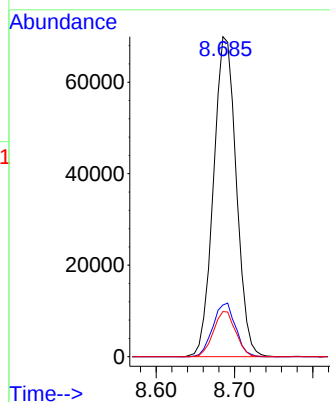
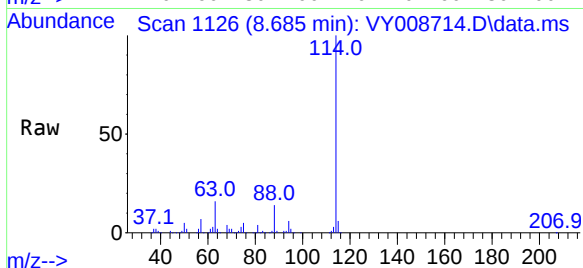
Tgt Ion:114 Resp: 141450

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.040 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008714.D

Acq: 11 May 2022 18:00

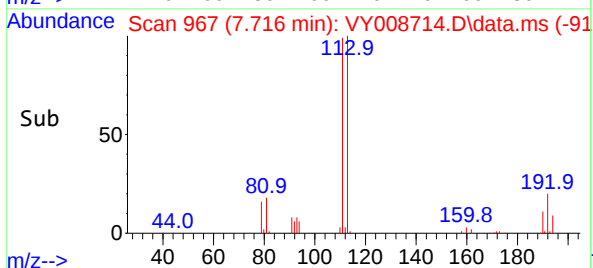
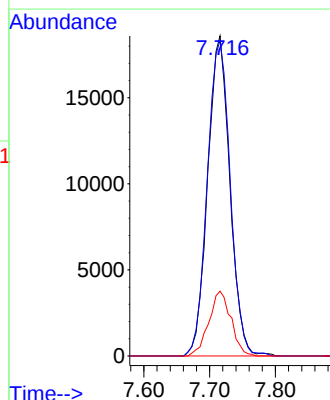
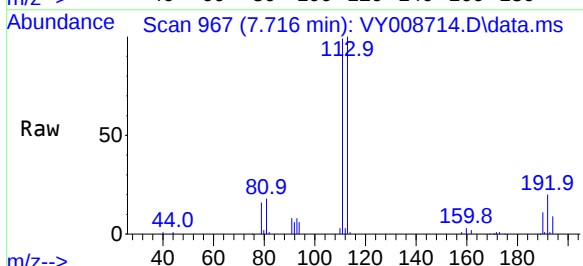
Tgt Ion:113 Resp: 43619

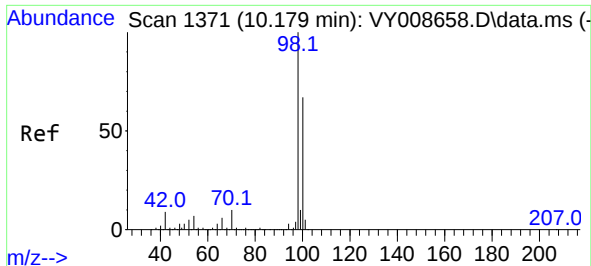
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 20.2 17.6 26.4

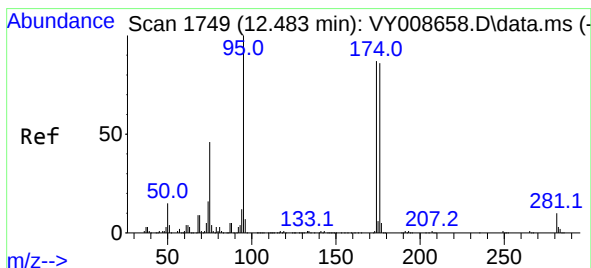
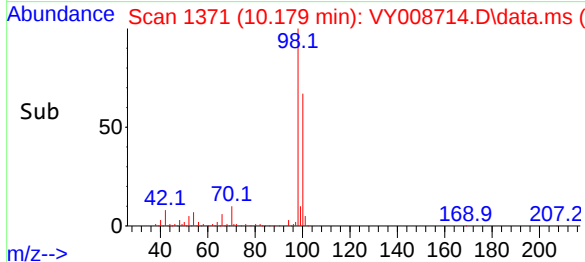
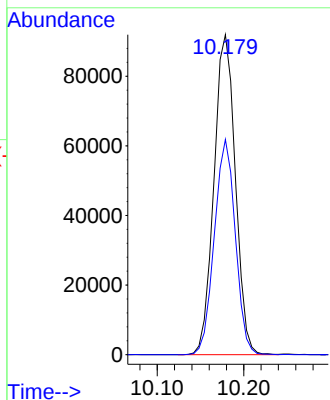
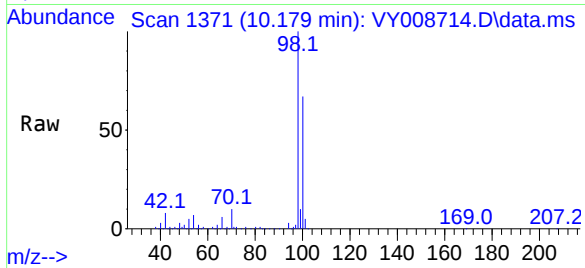




#50
Toluene-d8
Concen: 51.392 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

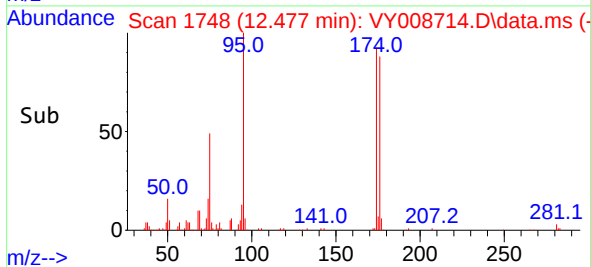
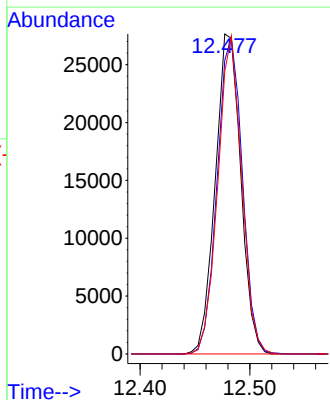
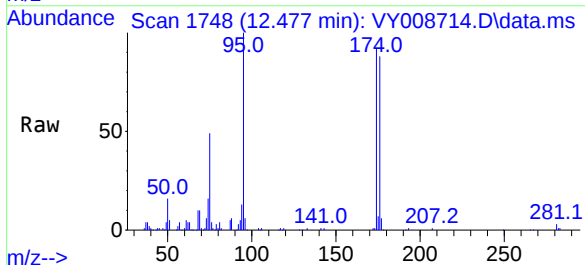
Instrument :
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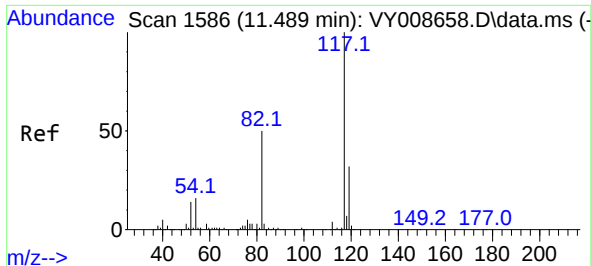
Tgt Ion: 98 Resp: 157863
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.360 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion: 95 Resp: 44603
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 93.3 0.0 175.8

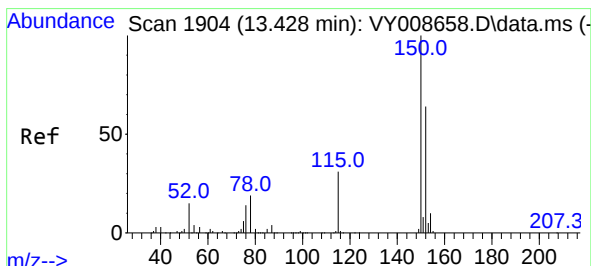
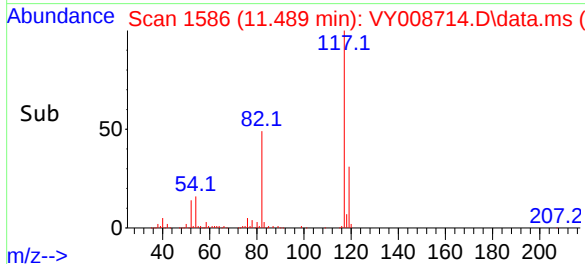
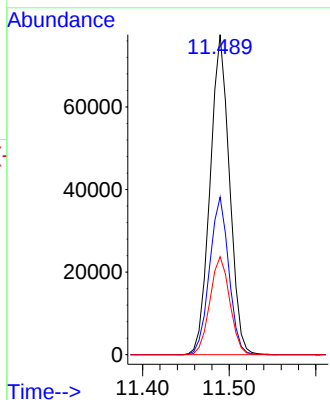
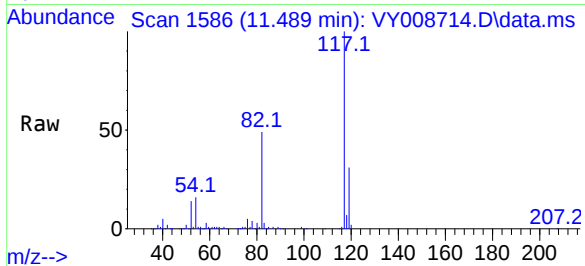




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

Tgt Ion:	117	Resp:	120521
Ion Ratio	Lower	Upper	
117	100		
82	49.2	43.0	64.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008714.D
Acq: 11 May 2022 18:00

Tgt Ion:	152	Resp:	51093
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.2	84.7
150	157.2	0.0	347.6

