

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008682.D
 Acq On : 10 May 2022 16:10
 Operator : KP/MD
 Sample : N2712-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: May 11 04:32:01 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	4250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2516	69.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.180%	
35) Dibromofluoromethane	7.716	113	2659	58.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.700%	
50) Toluene-d8	10.179	98	8216	51.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.483	95	2395	41.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.620%	

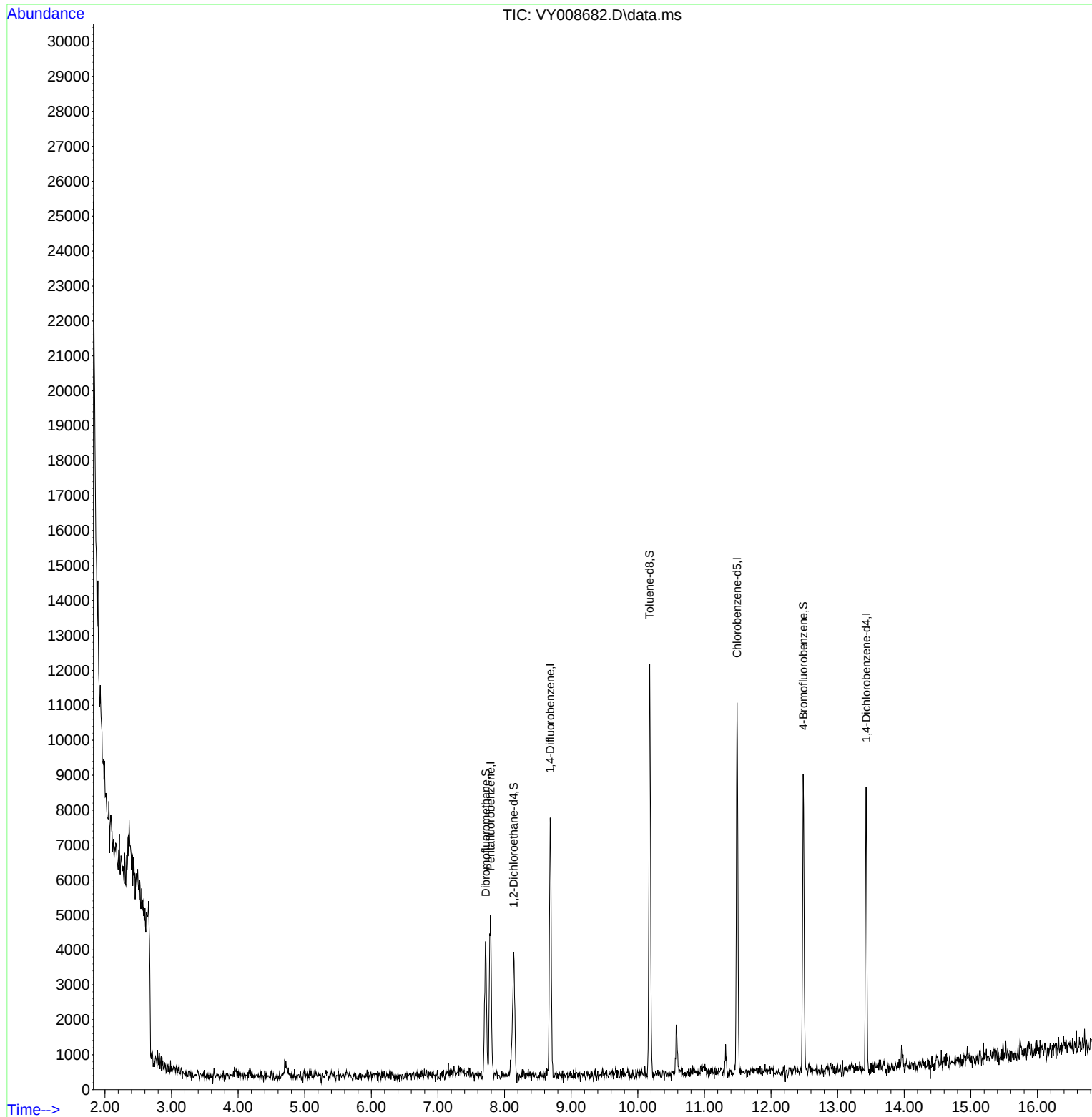
Target Compounds	Qvalue

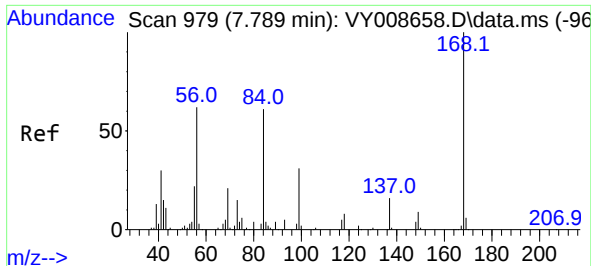
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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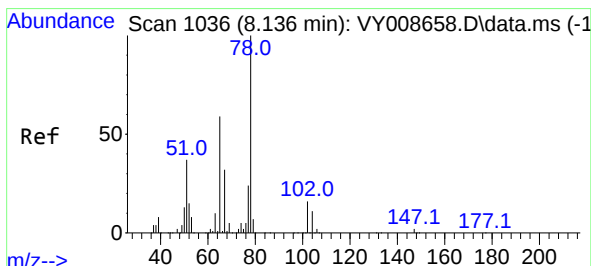
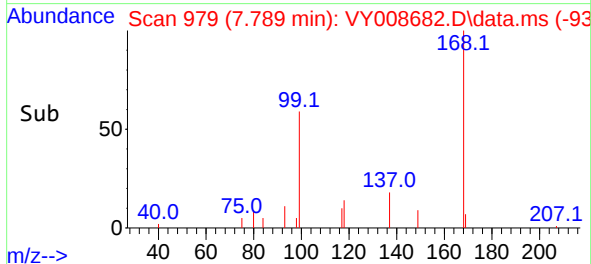
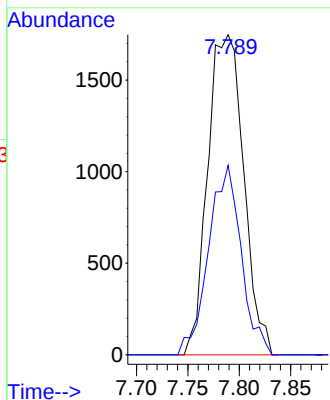
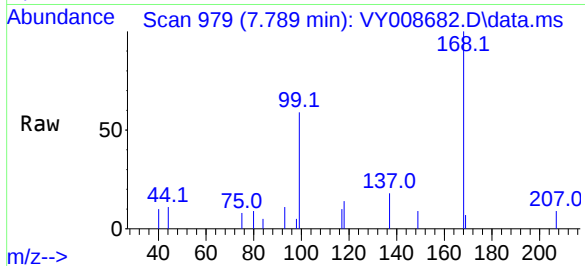




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

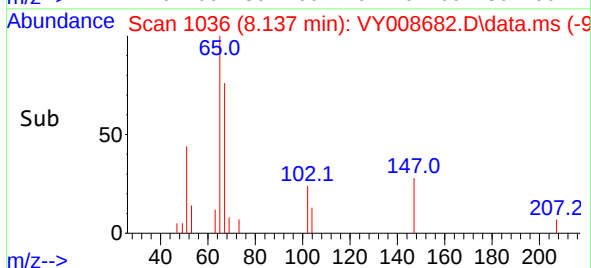
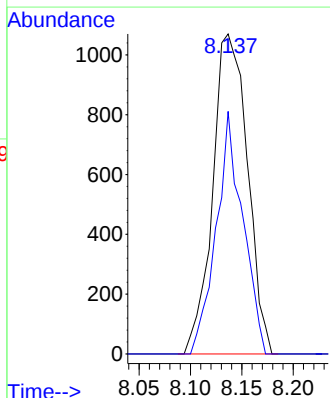
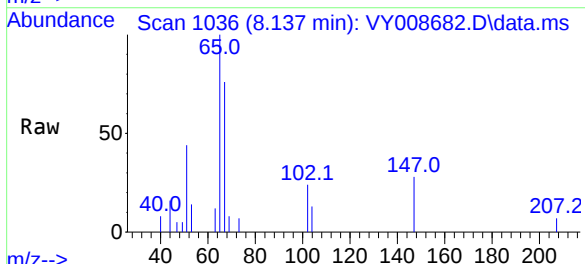
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

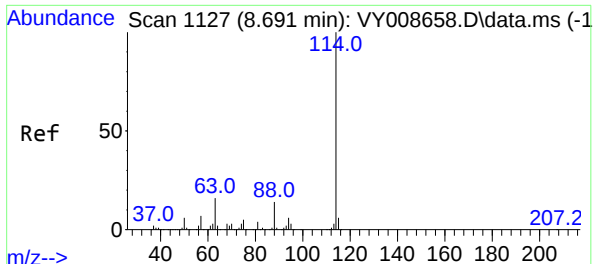
Tgt Ion:168 Resp: 4250
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.090 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 65 Resp: 2516
Ion Ratio Lower Upper
65 100
67 58.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008682.D

Acq: 10 May 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

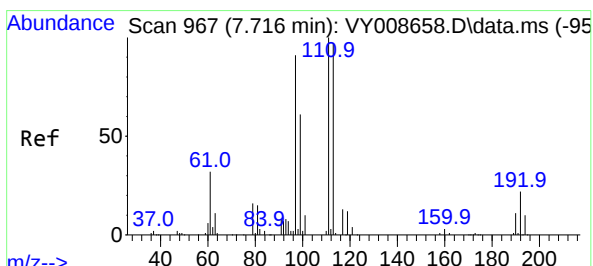
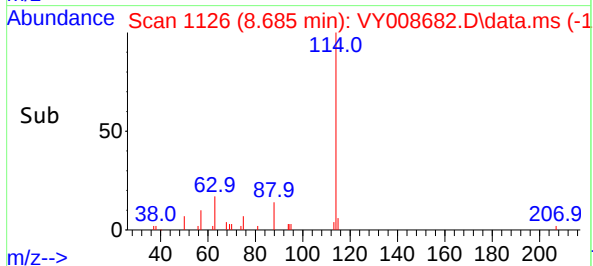
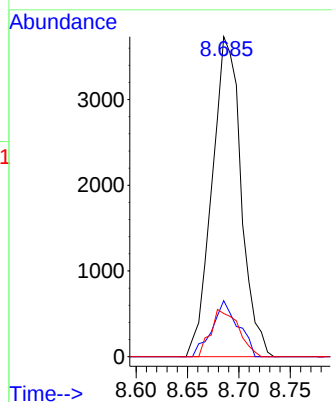
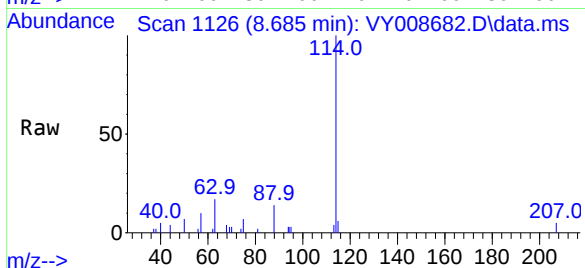
Tgt Ion:114 Resp: 7332

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.850 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008682.D

Acq: 10 May 2022 16:10

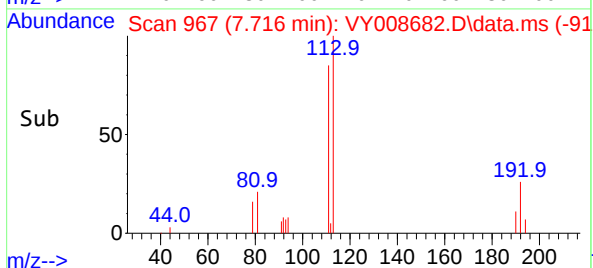
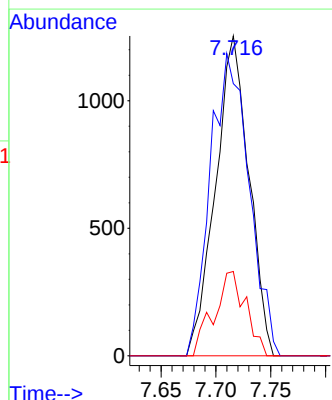
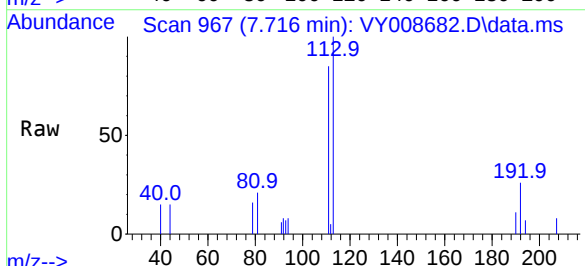
Tgt Ion:113 Resp: 2659

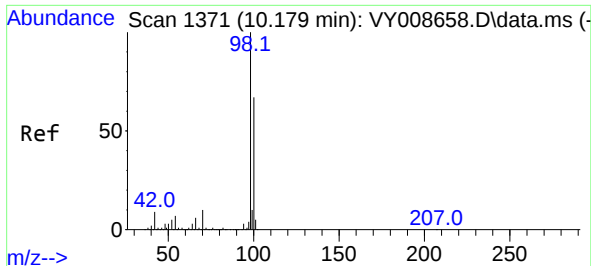
Ion Ratio Lower Upper

113 100

111 109.4 82.6 124.0

192 25.1 17.6 26.4

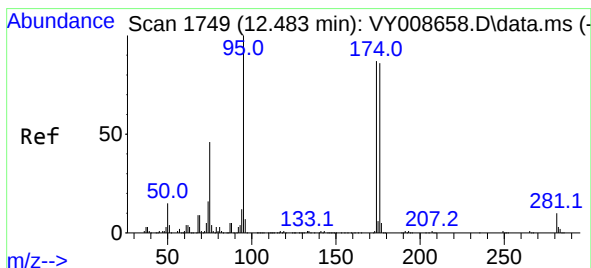
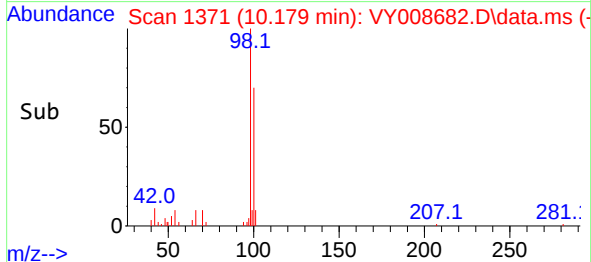
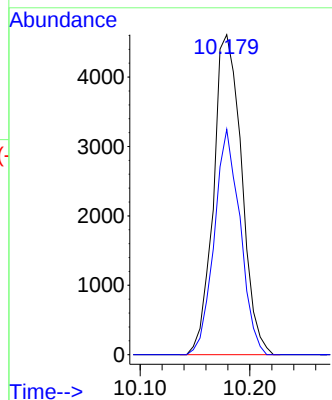
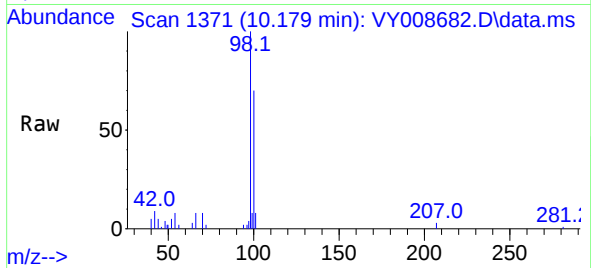




#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

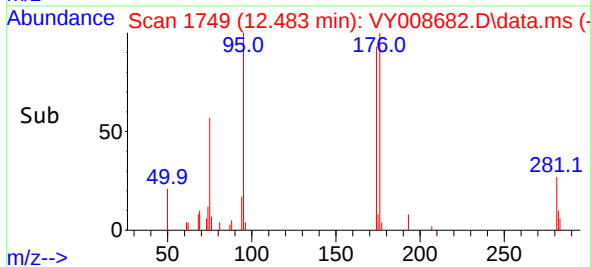
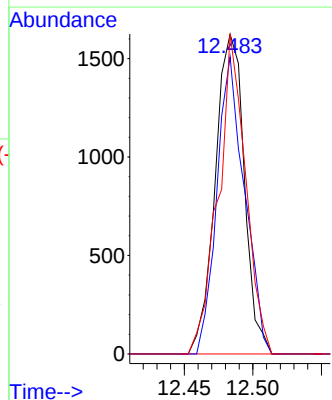
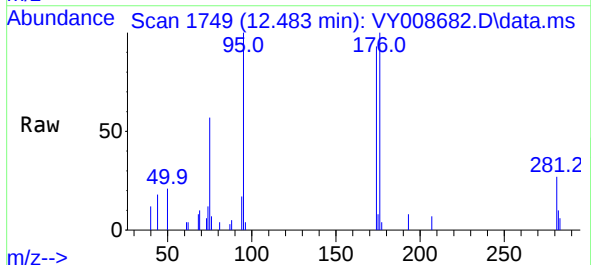
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

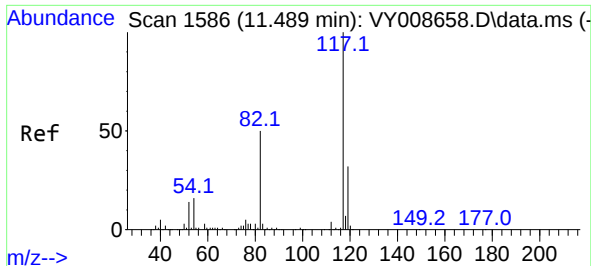
Tgt Ion: 98 Resp: 8216
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 95 Resp: 2395
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 94.4 0.0 175.8

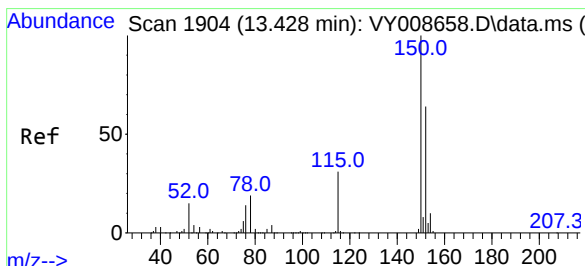
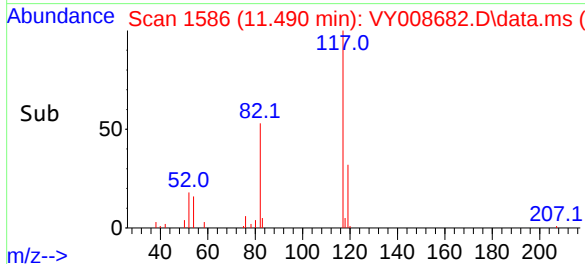
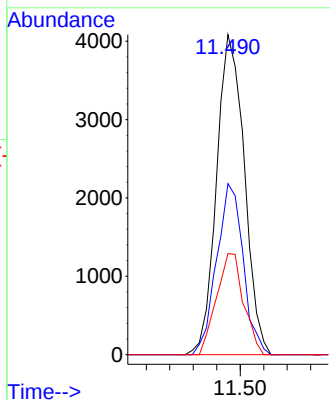
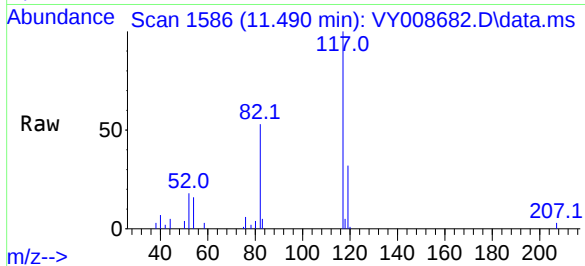




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:	117	Resp:	6711
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.6	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: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion:	152	Resp:	2420
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	151.1	0.0	347.6

