

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008665.D
 Acq On : 09 May 2022 17:05
 Operator : KP/MD
 Sample : N2619-05
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-1-2-FT

Quant Time: May 10 03:23:52 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	263243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111565	49.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.920%
35) Dibromofluoromethane	7.716	113	118092	47.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.179	98	450848	51.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.483	95	134564	42.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.840%

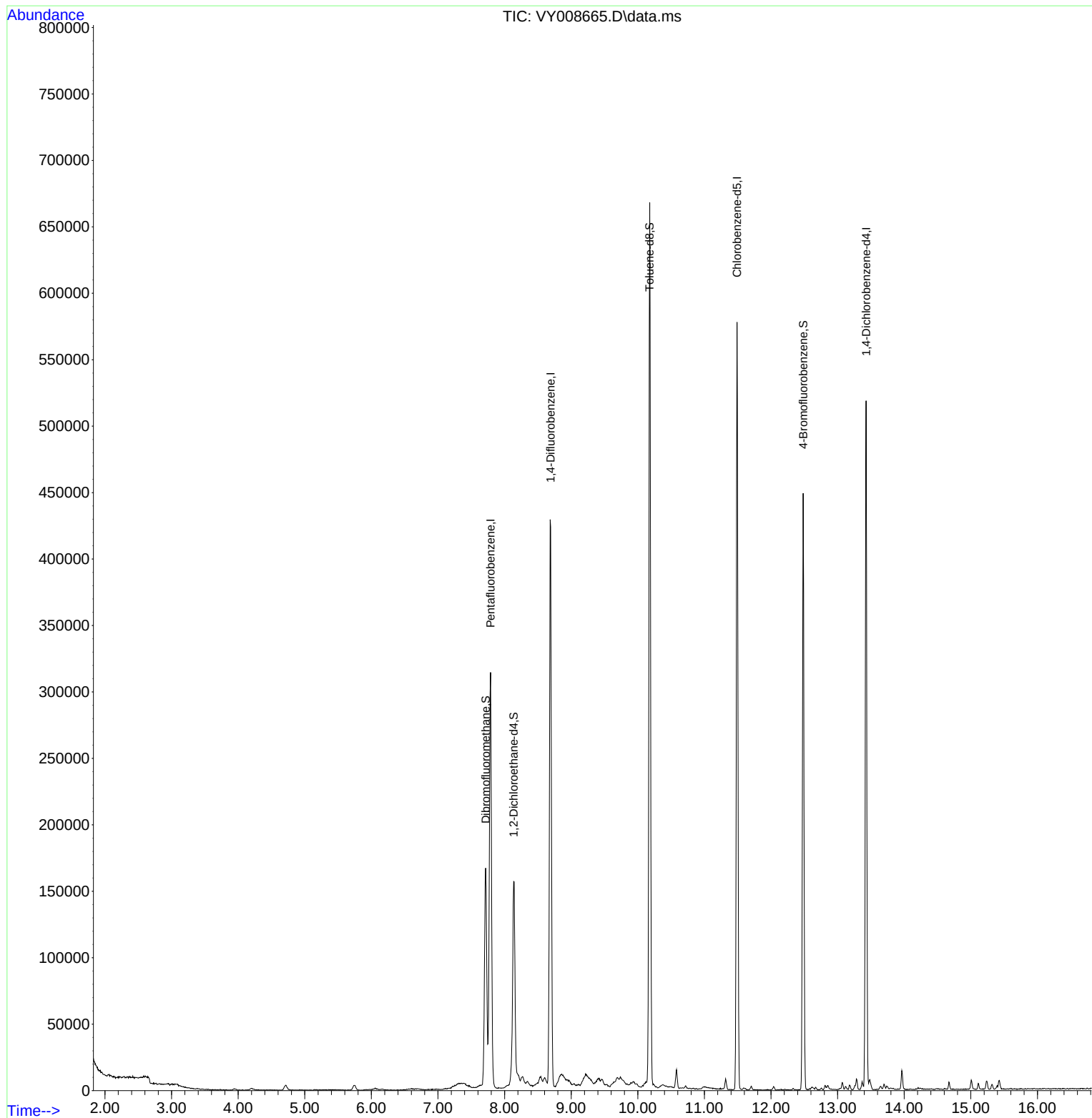
Target Compounds	Qvalue

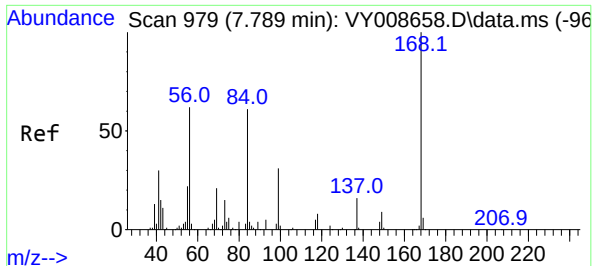
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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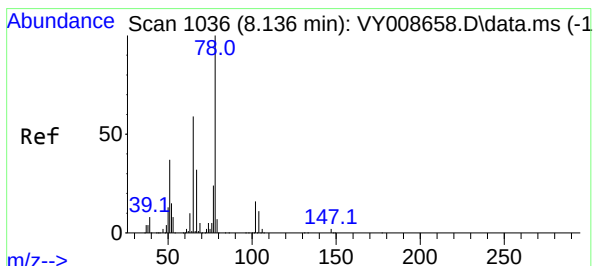
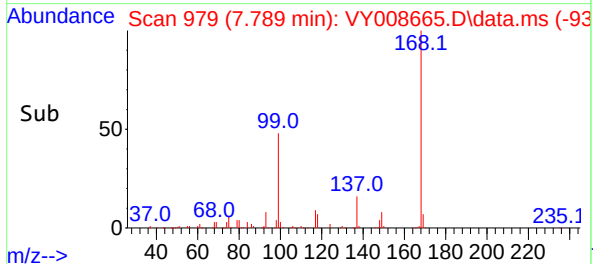
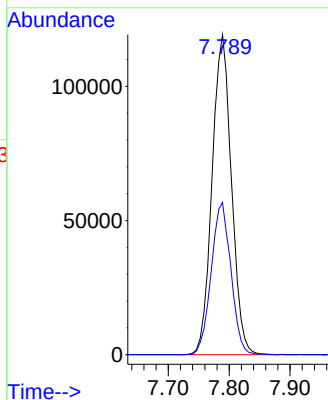
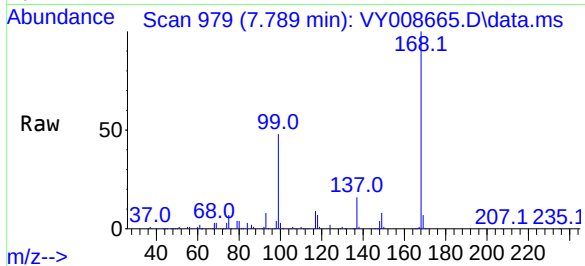




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

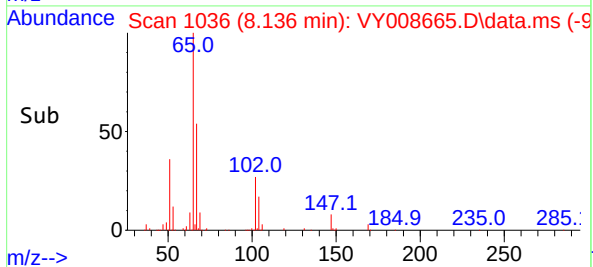
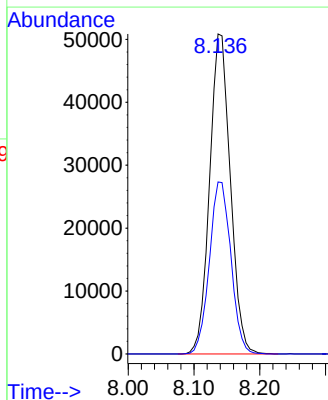
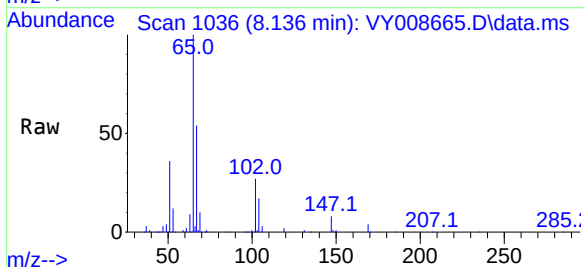
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

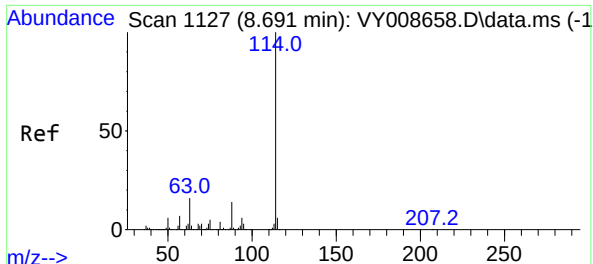
Tgt Ion:168 Resp: 263243
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.461 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 65 Resp: 111565
Ion Ratio Lower Upper
65 100
67 55.7 0.0 99.4

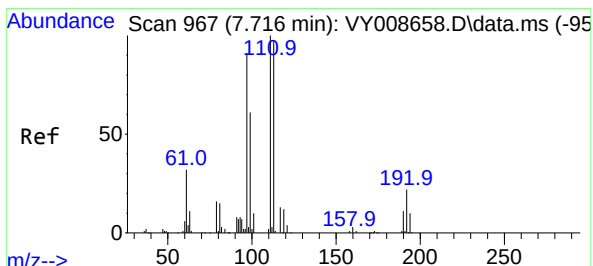
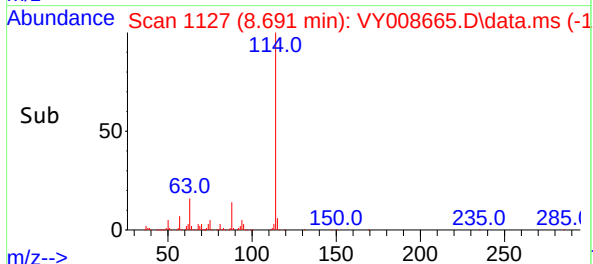
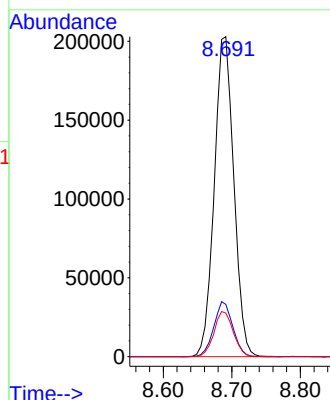
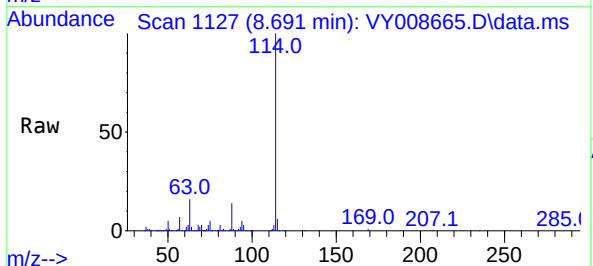




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

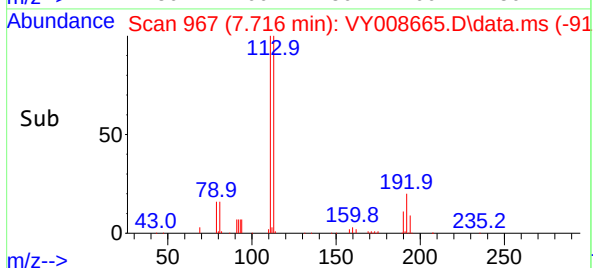
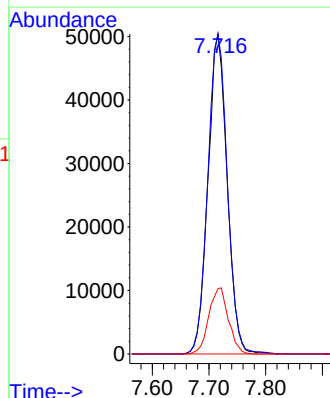
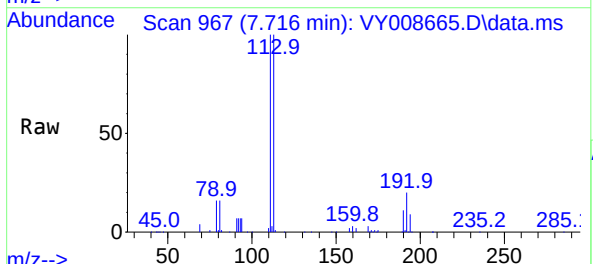
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

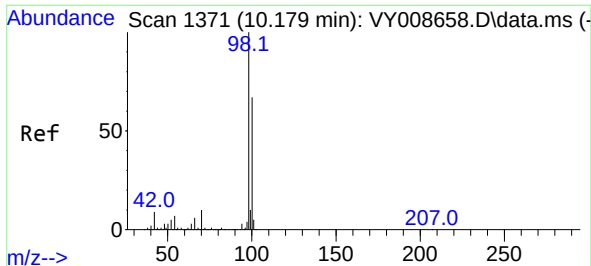
Tgt Ion:	114	Resp:	401260
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	43.2
88	13.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.758 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion:	113	Resp:	118092
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	21.1	17.6	26.4

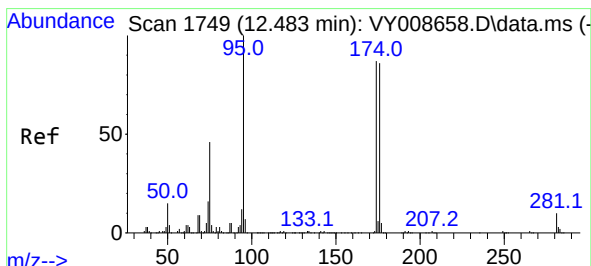
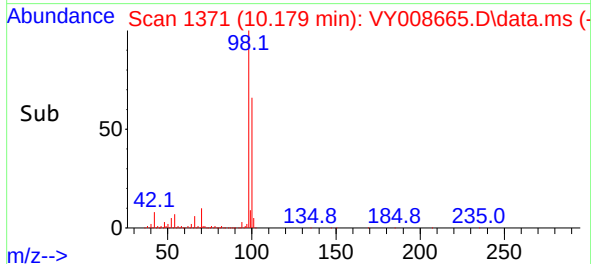
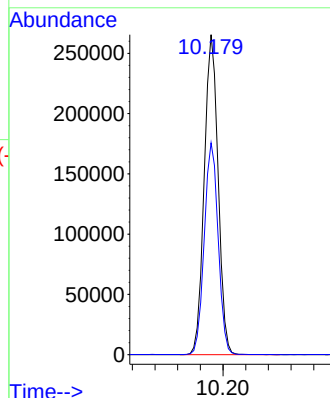
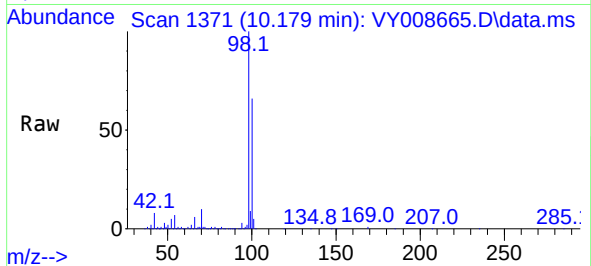




#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

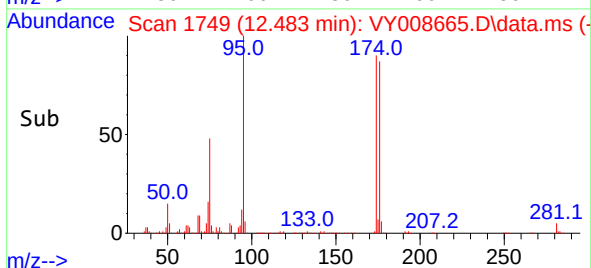
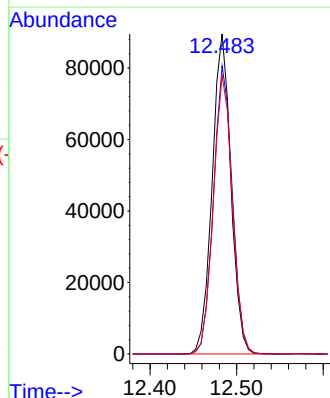
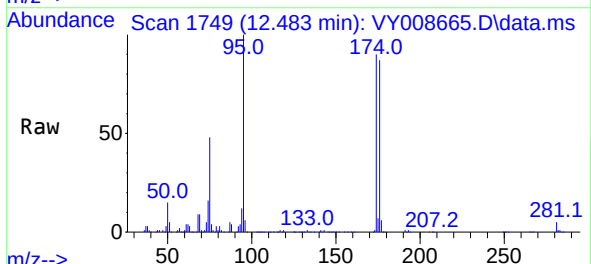
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

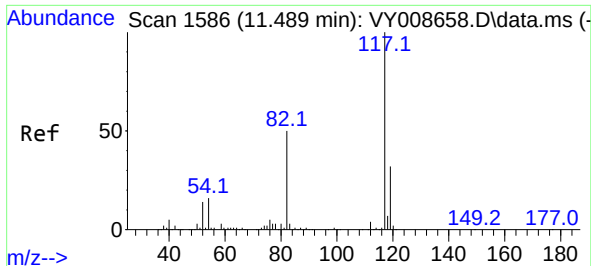
Tgt Ion: 98 Resp: 450848
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 95 Resp: 134564
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.1 0.0 175.8

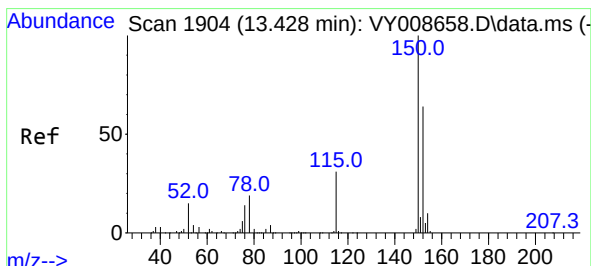
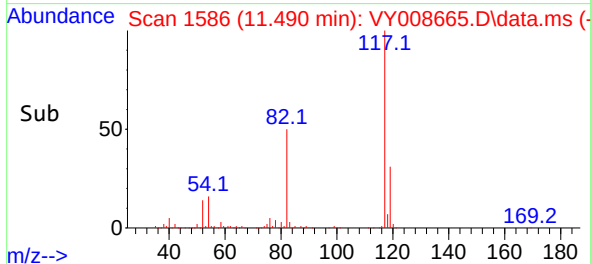
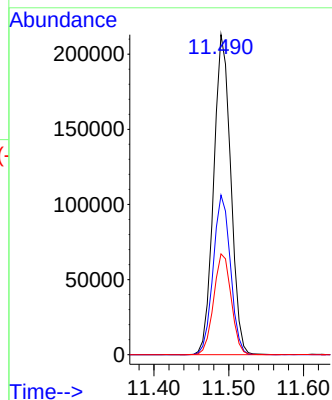
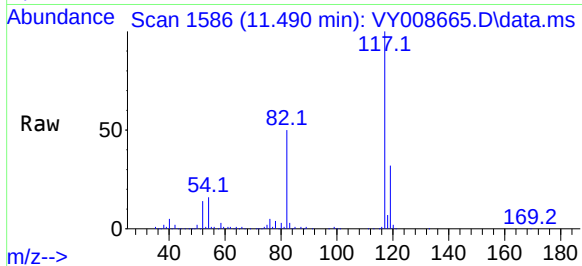




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

Tgt Ion:117 Resp: 338387
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion:152 Resp: 140966
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 160.1 0.0 347.6

