

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008725.D
 Acq On : 11 May 2022 23:25
 Operator : KP/MD
 Sample : VY0511SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL02

Quant Time: May 12 09:17:47 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	186129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83982	52.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.716	113	91347	51.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.179	98	317824	51.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	59001	26.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.720%

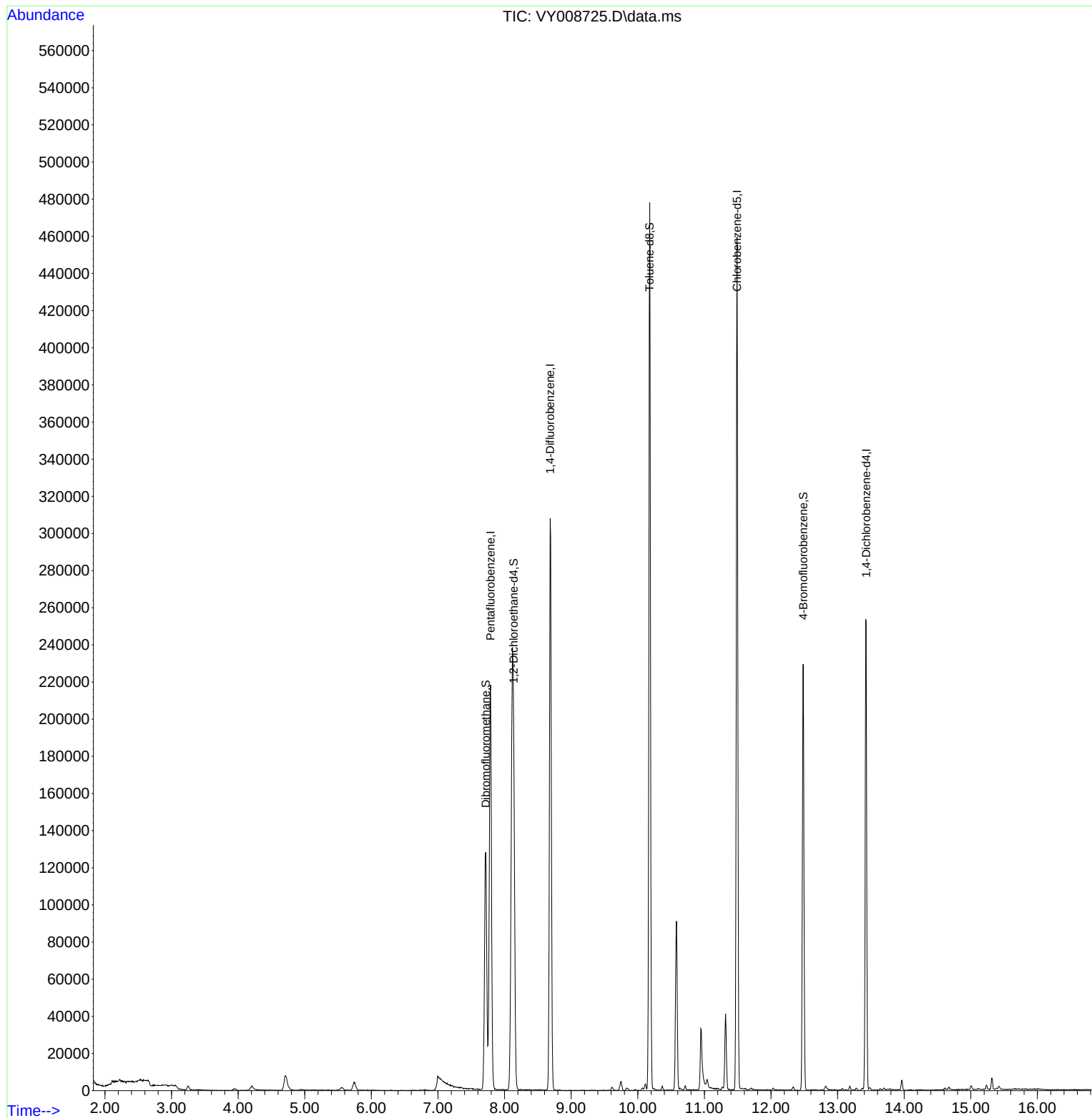
Target Compounds	Qvalue

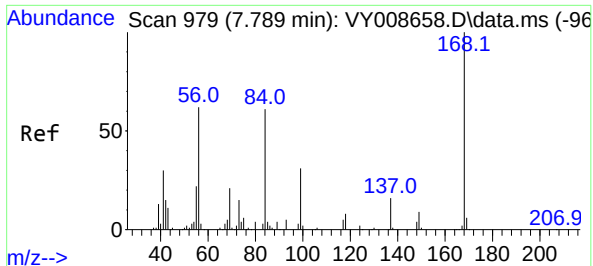
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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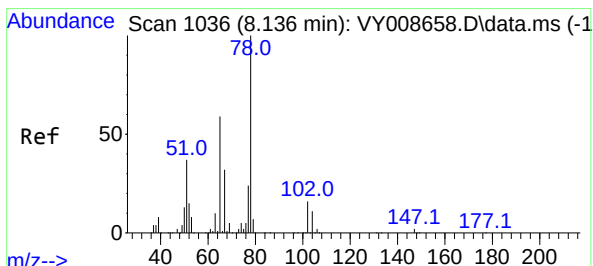
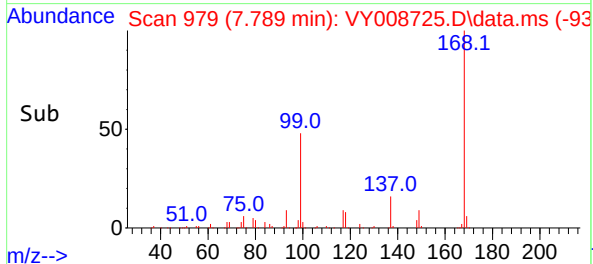
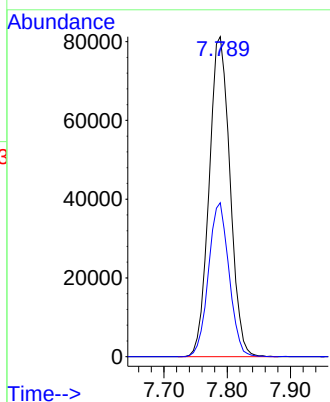
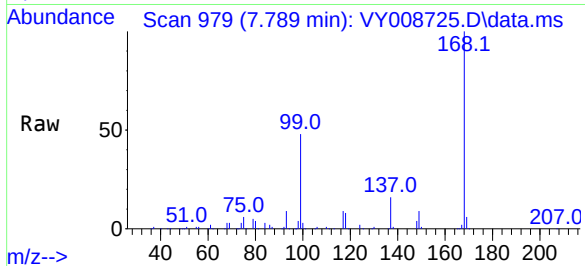




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

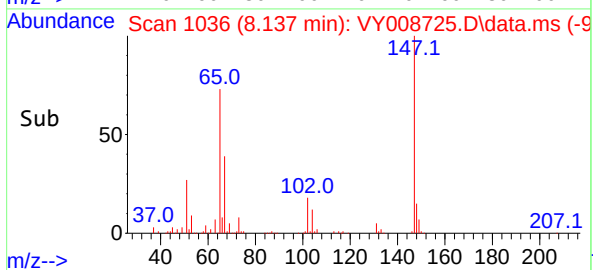
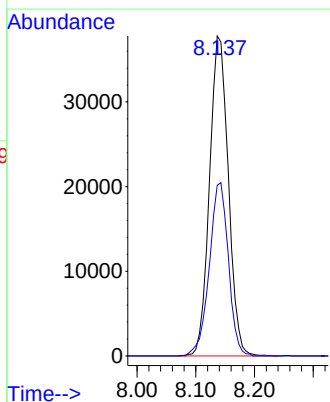
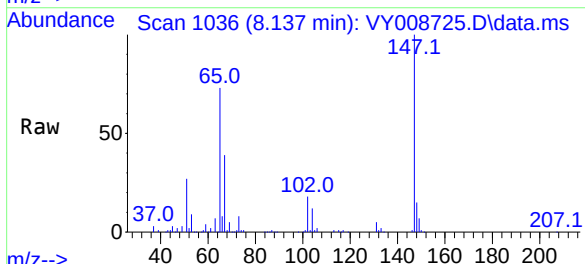
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL02

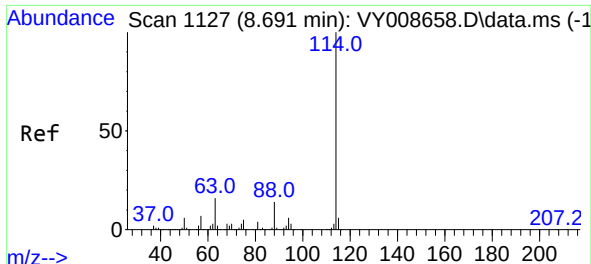
Tgt Ion:168 Resp: 186129
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.658 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

Tgt Ion: 65 Resp: 83982
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4

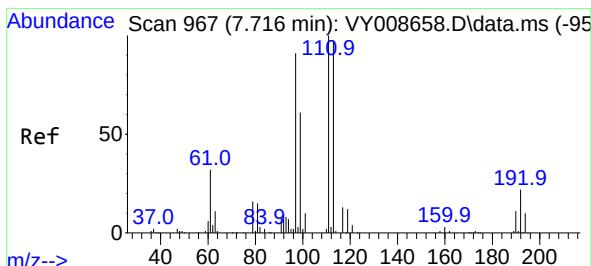
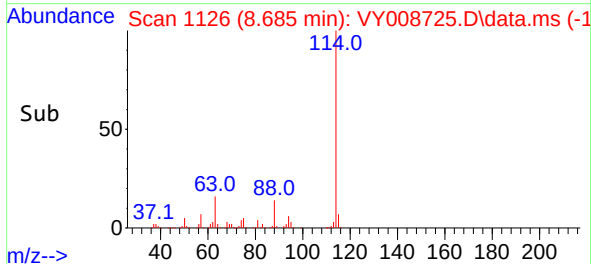
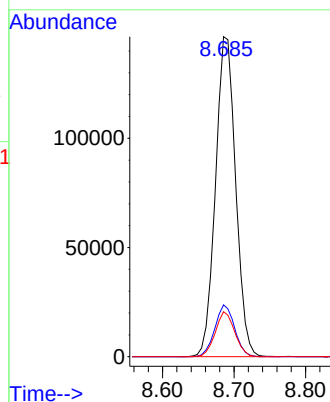
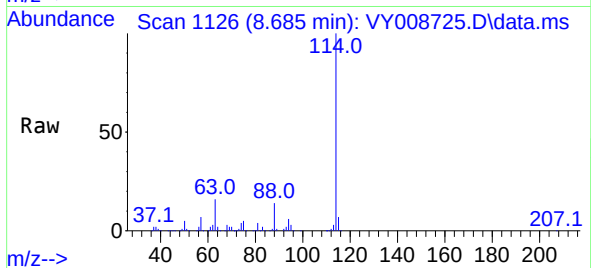




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

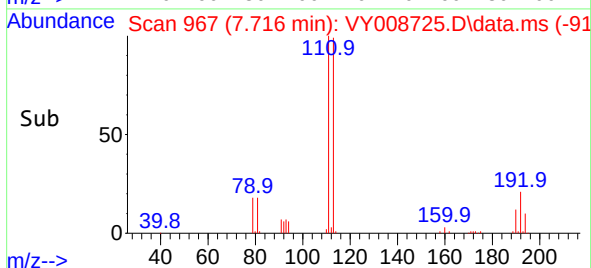
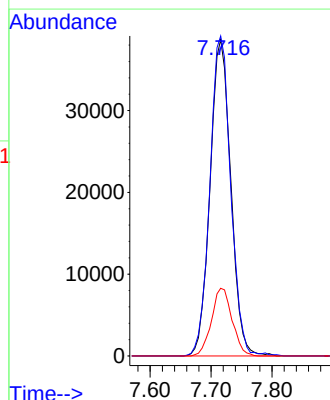
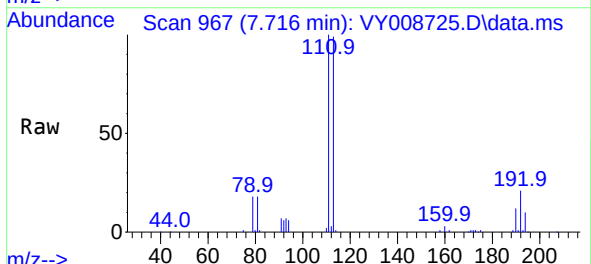
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL02

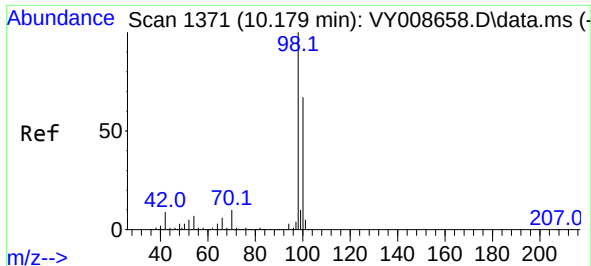
Tgt Ion:114 Resp: 286536
Ion Ratio Lower Upper
114 100
63 16.2 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

Tgt Ion:113 Resp: 91347
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.3 17.6 26.4

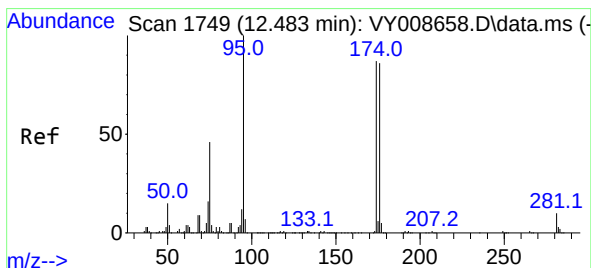
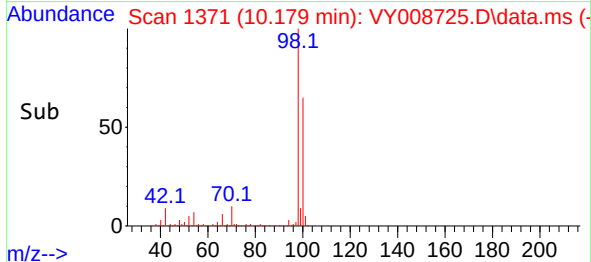
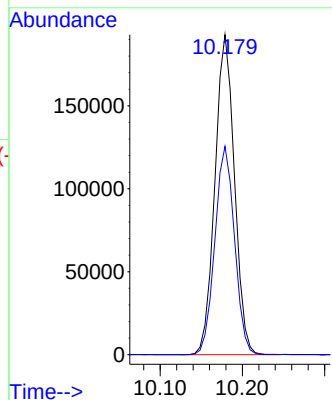
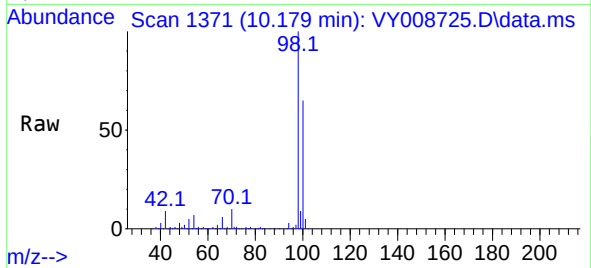




#50
Toluene-d8
Concen: 51.077 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

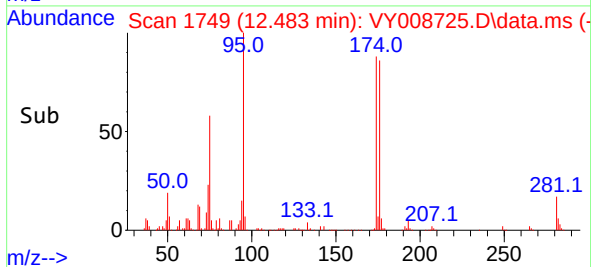
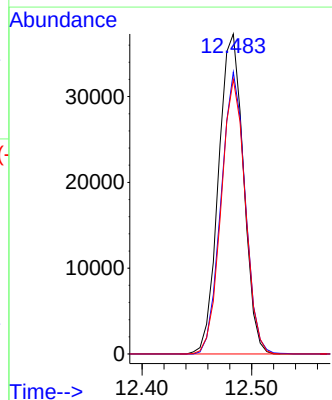
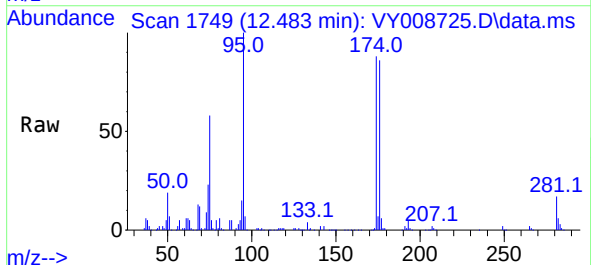
Instrument :
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VY0511SBL02

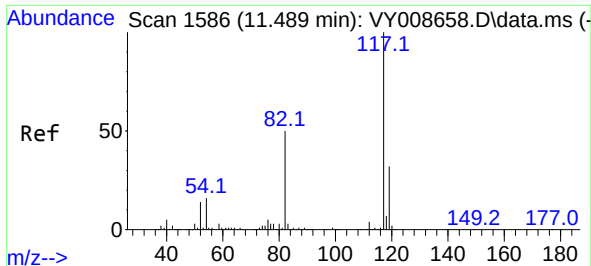
Tgt Ion: 98 Resp: 317824
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.356 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

Tgt Ion: 95 Resp: 59001
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.6 0.0 175.8

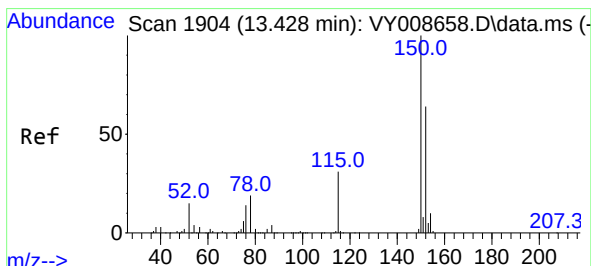
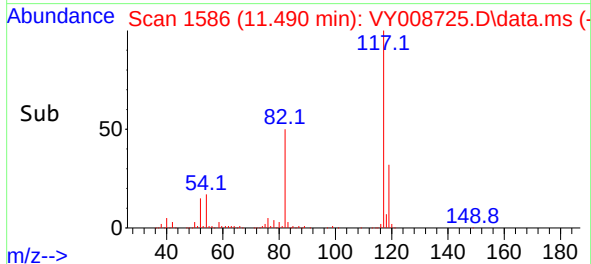
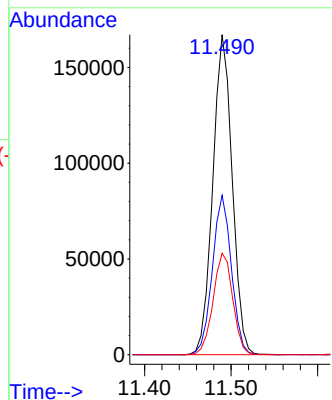
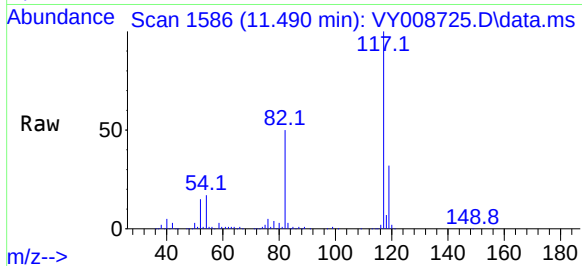




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008725.D
Acq: 11 May 2022 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL02

Tgt Ion:117 Resp: 259991
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 31.7 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: VY008725.D
Acq: 11 May 2022 23:25

Tgt Ion:152 Resp: 62640
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.6 0.0 347.6

