

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008975.D
 Acq On : 22 May 2022 02:41
 Operator : KP/MD
 Sample : N2887-08
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0612-01

Quant Time: May 22 04:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78365	65.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.160%
35) Dibromofluoromethane	7.716	113	68464	52.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.179	98	265201	55.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.477	95	75556	38.961	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.920%

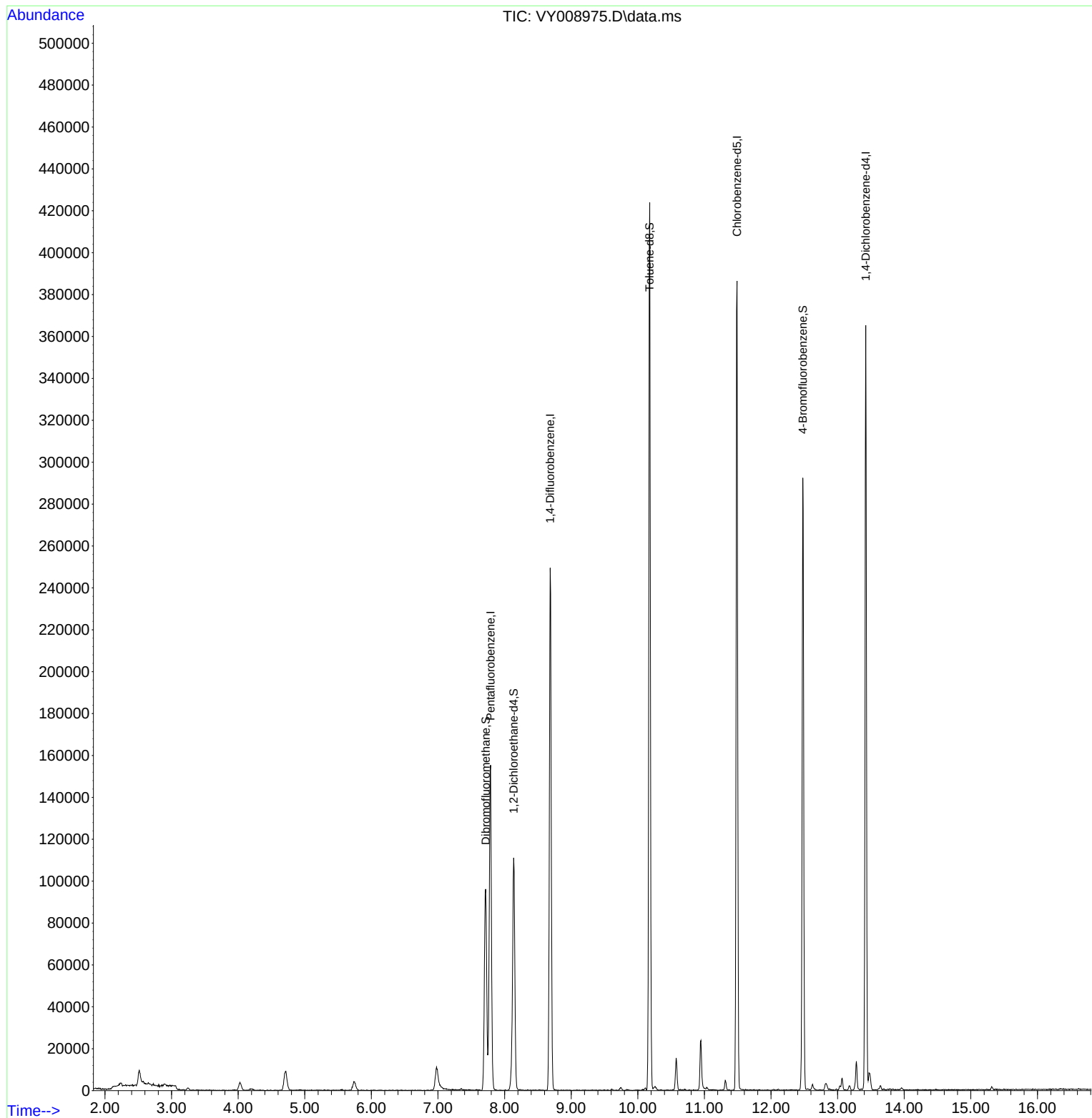
Target Compounds	Qvalue

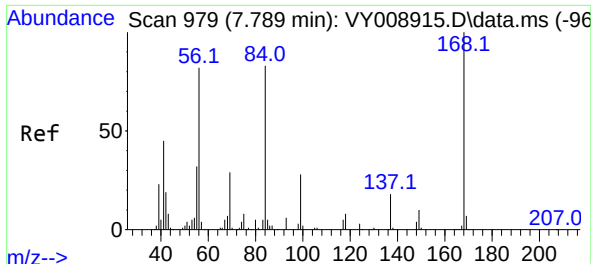
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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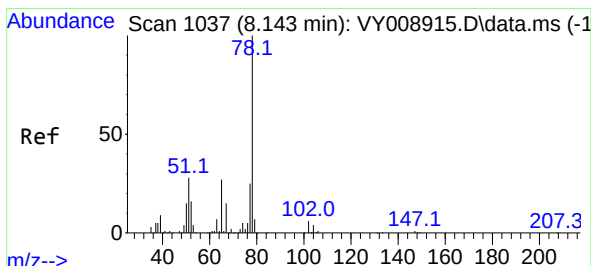
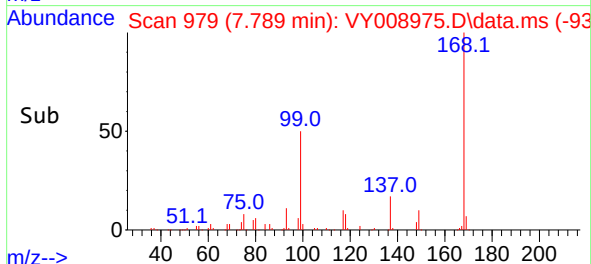
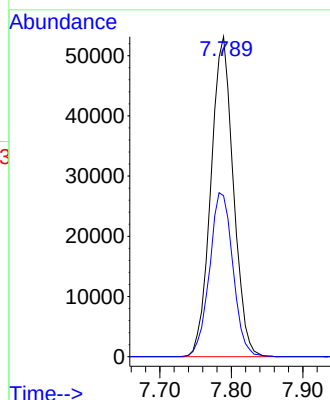
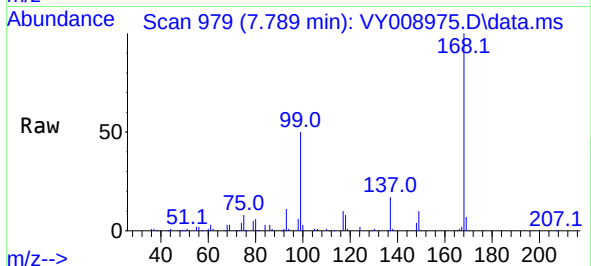




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

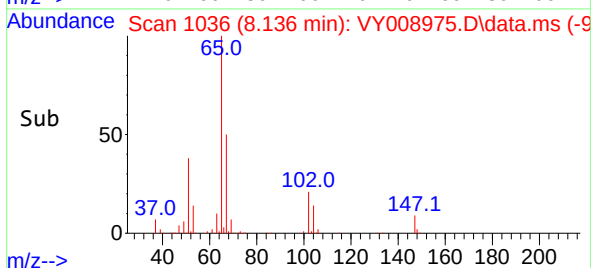
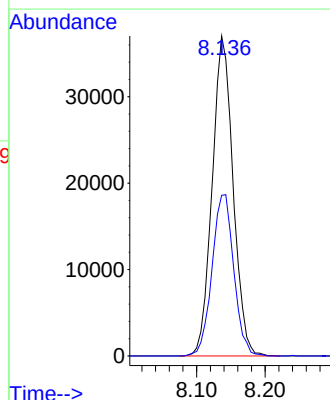
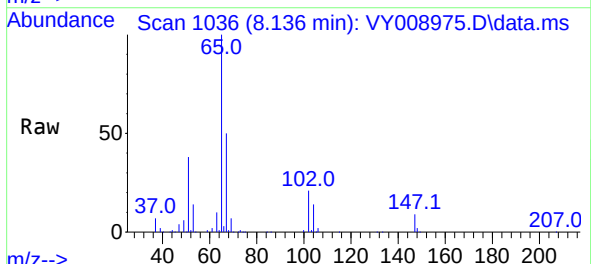
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

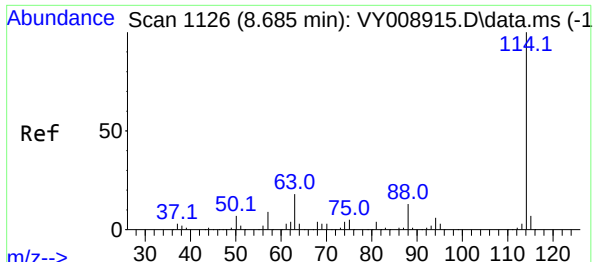
Tgt Ion:168 Resp: 116101
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.583 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 65 Resp: 78365
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

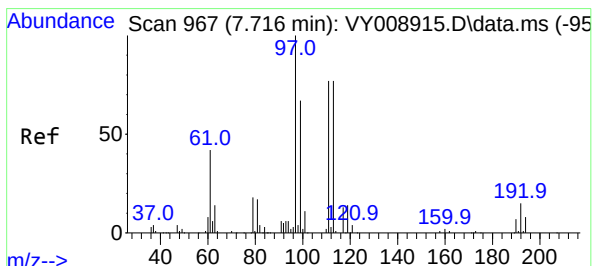
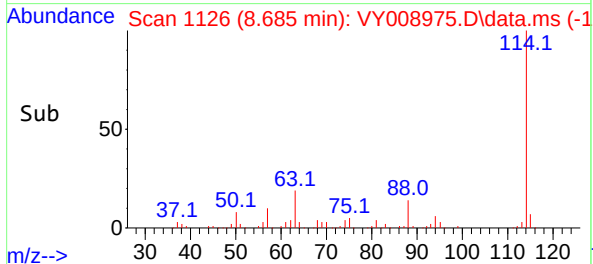
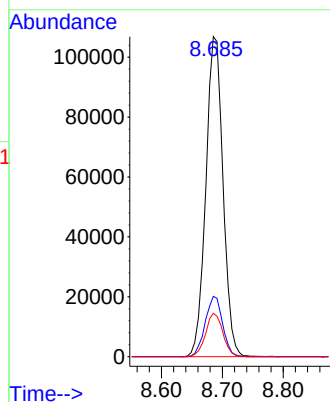
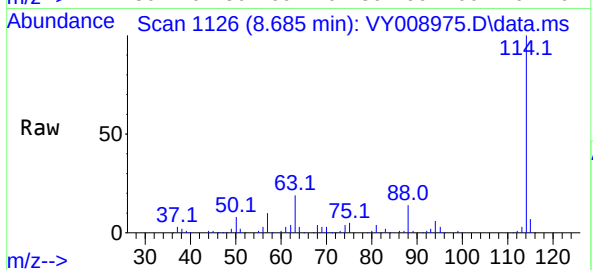




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

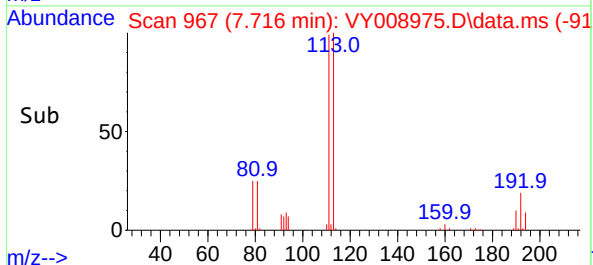
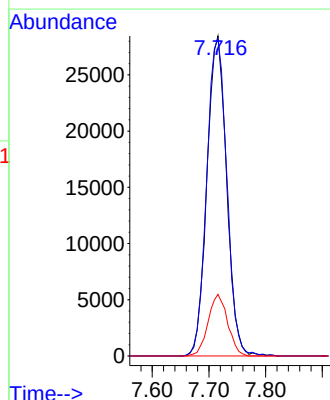
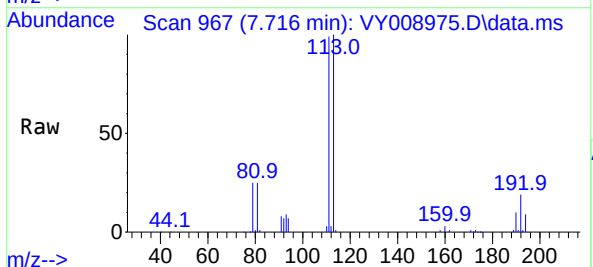
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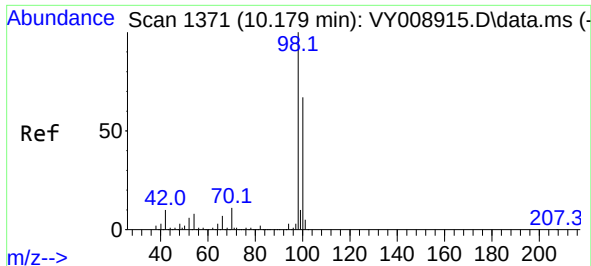
Tgt Ion:114 Resp: 209558
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.539 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion:113 Resp: 68464
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.1 17.6 26.4

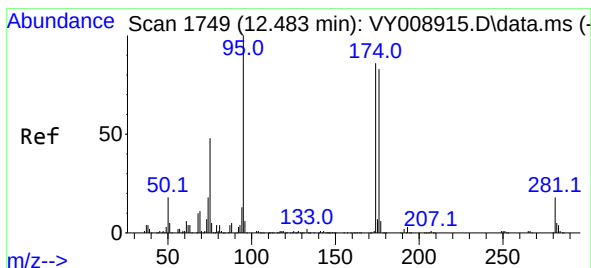
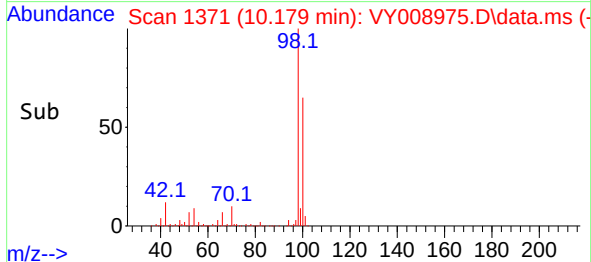
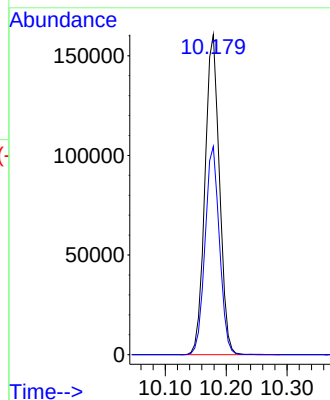
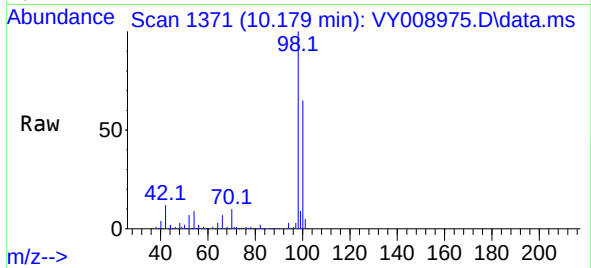




#50
Toluene-d8
Concen: 55.165 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

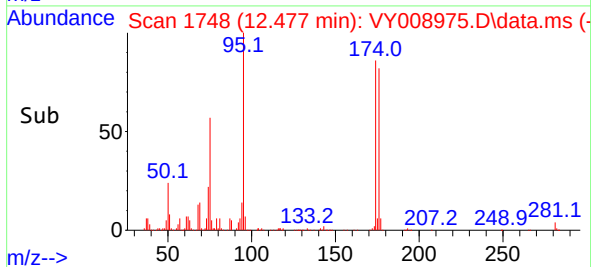
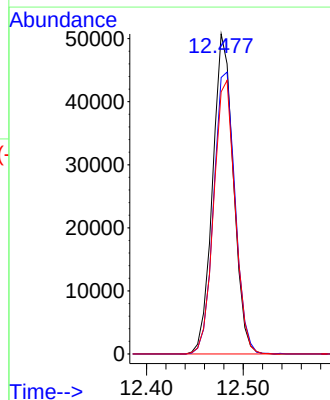
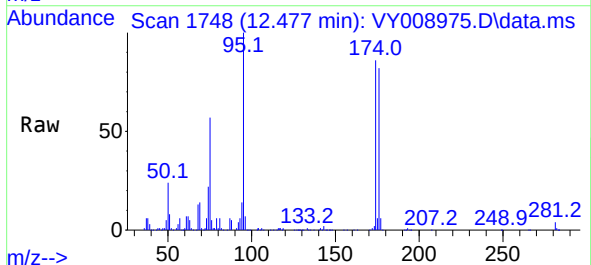
Instrument :
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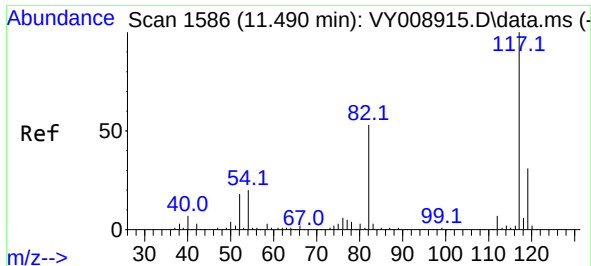
Tgt Ion: 98 Resp: 265201
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.961 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 95 Resp: 75556
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.5 0.0 175.8

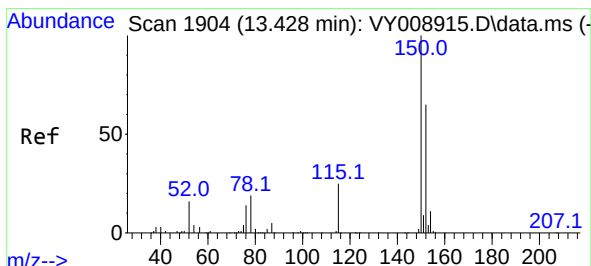
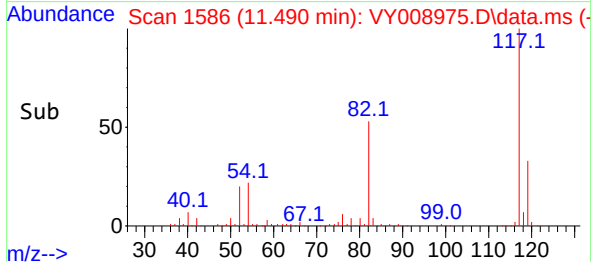
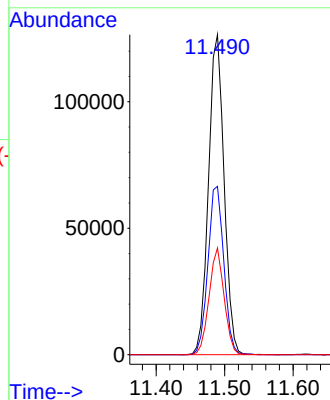
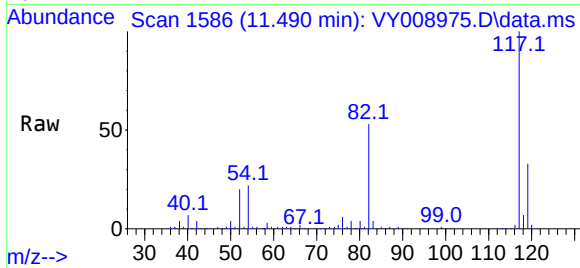




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

Tgt Ion:117 Resp: 199950
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 33.3 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: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion:152 Resp: 85187
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 157.4 0.0 347.6

