

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008717.D
 Acq On : 11 May 2022 19:11
 Operator : KP/MD
 Sample : N2781-07
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS005-0006-01

Quant Time: May 12 06:31:54 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	180567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88626	57.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.560%
35) Dibromofluoromethane	7.716	113	94838	52.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.179	98	335548	52.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.483	95	102020	44.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.180%

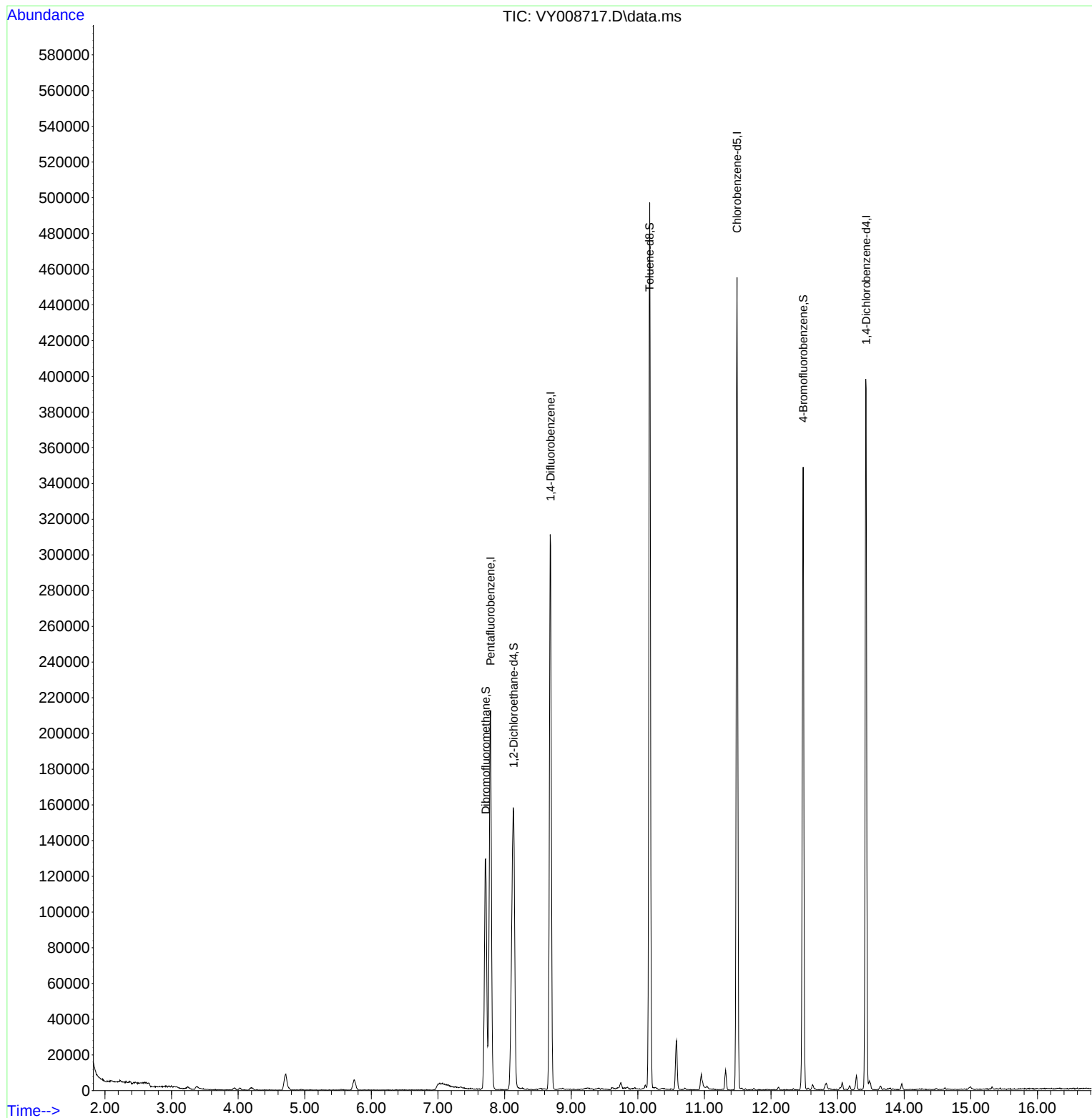
Target Compounds	Qvalue

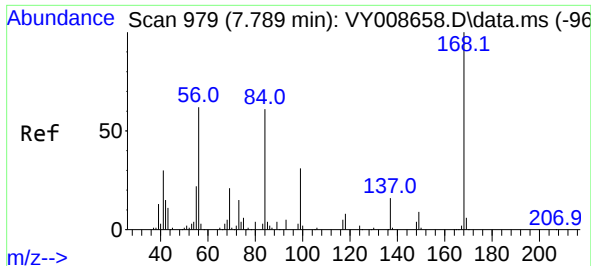
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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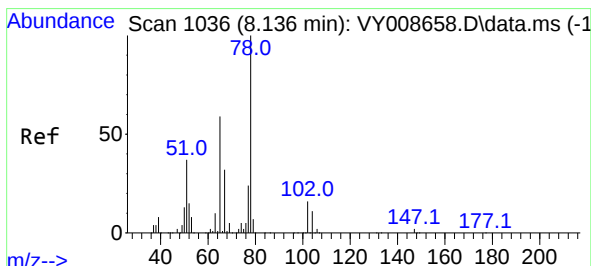
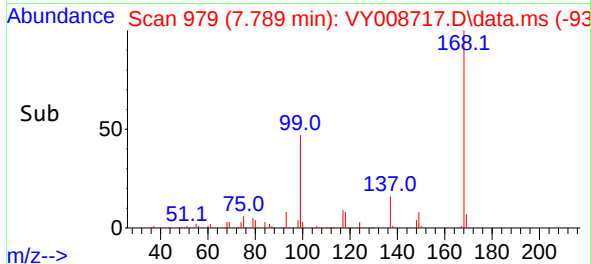
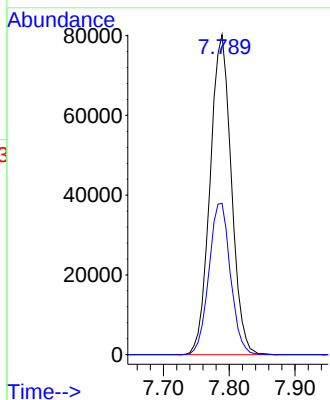
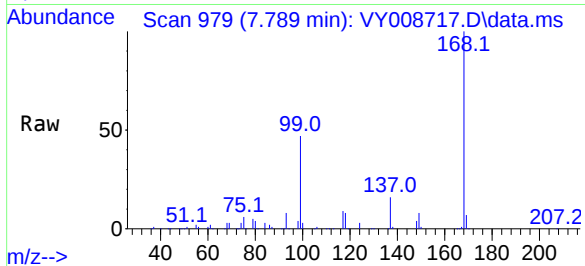




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

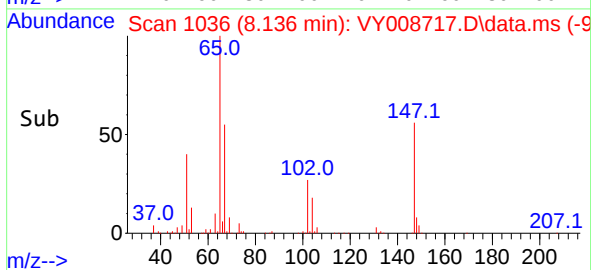
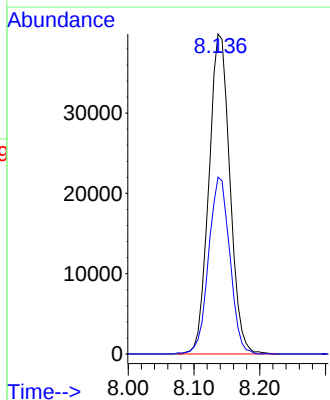
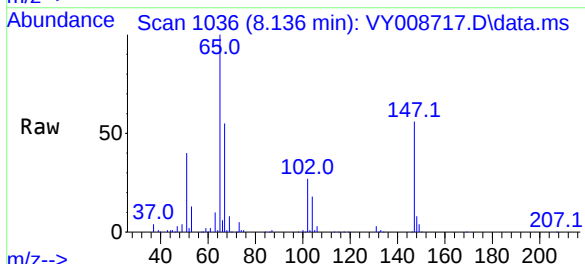
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

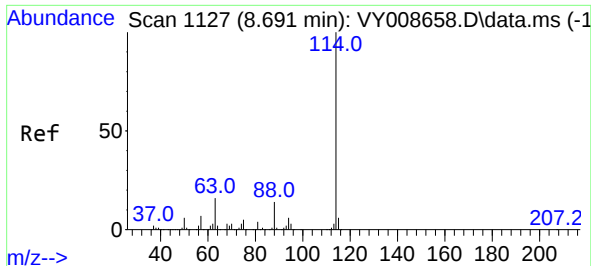
Tgt Ion:168 Resp: 180567
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.282 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 65 Resp: 88626
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: VY008717.D

Acq: 11 May 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS005-0006-01

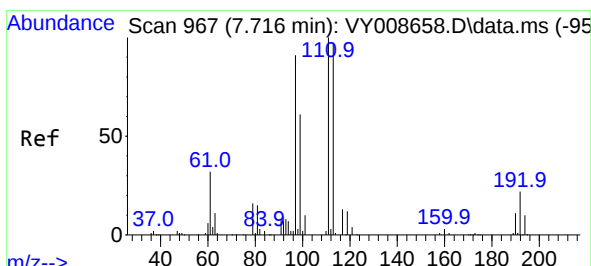
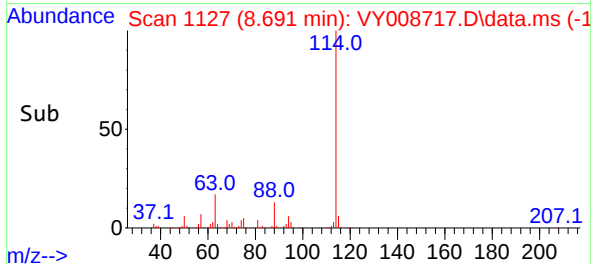
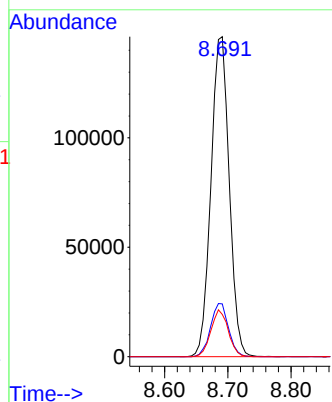
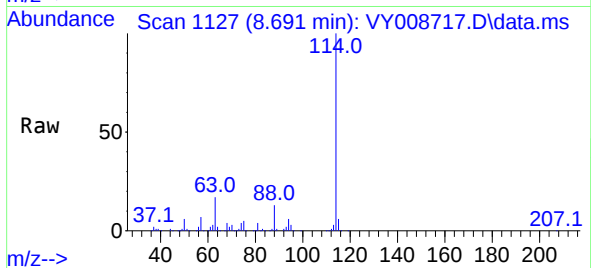
Tgt Ion:114 Resp: 292834

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.554 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008717.D

Acq: 11 May 2022 19:11

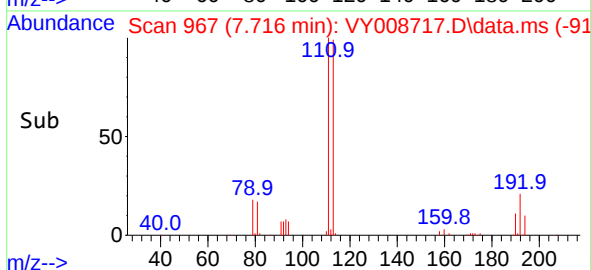
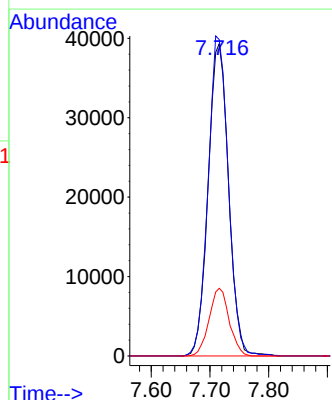
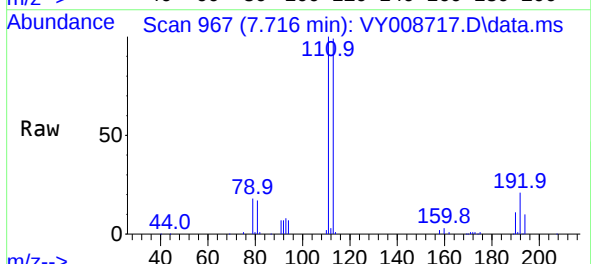
Tgt Ion:113 Resp: 94838

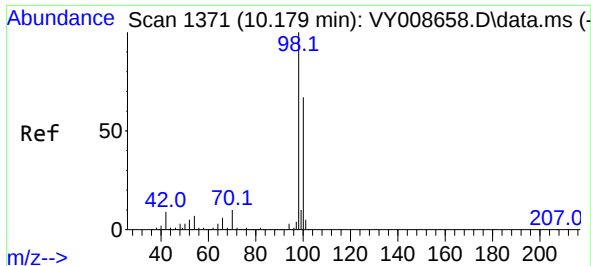
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 21.3 17.6 26.4

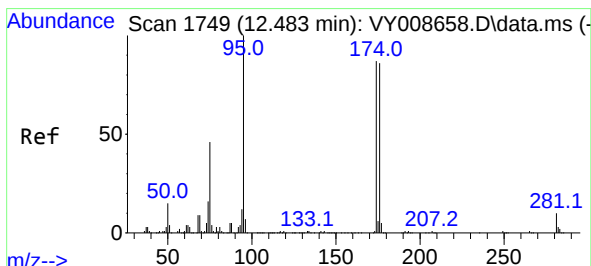
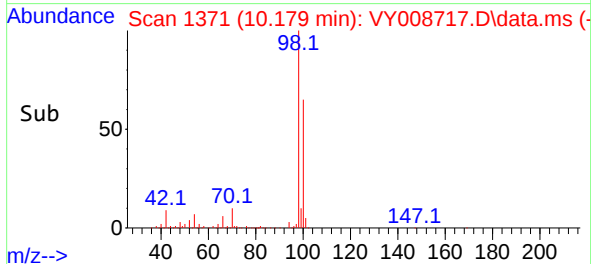
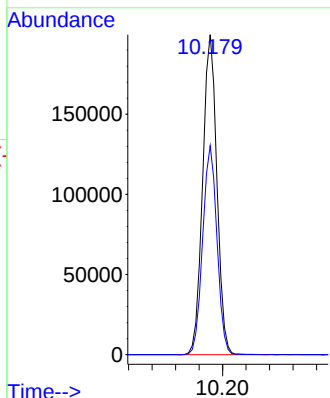
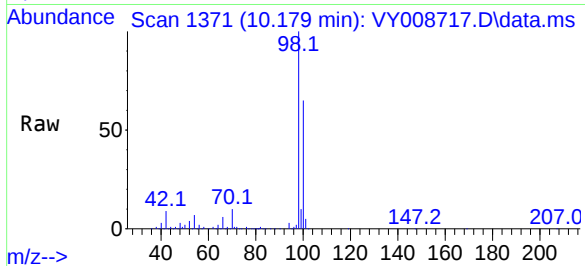




#50
Toluene-d8
Concen: 52.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

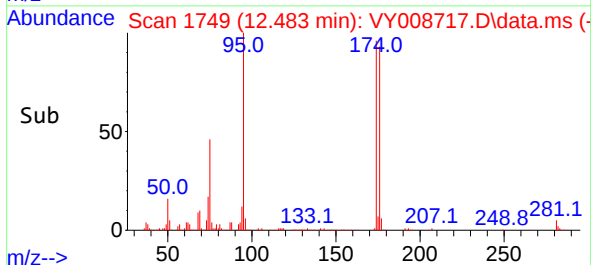
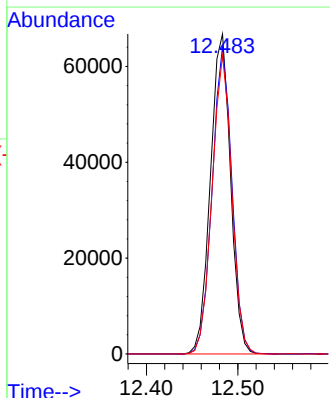
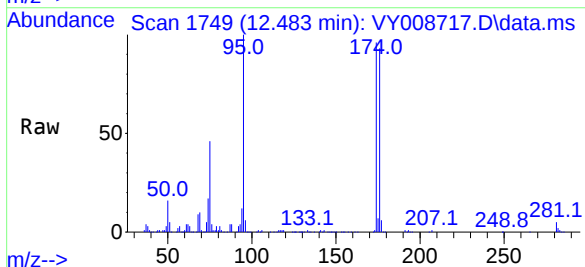
Instrument :
MSVOA_Y
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P003-SS005-0006-01

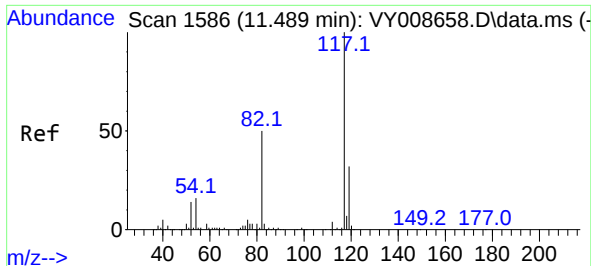
Tgt Ion: 98 Resp: 335548
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 95 Resp: 102020
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 91.7 0.0 175.8

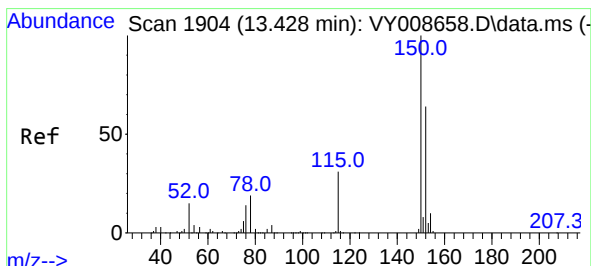
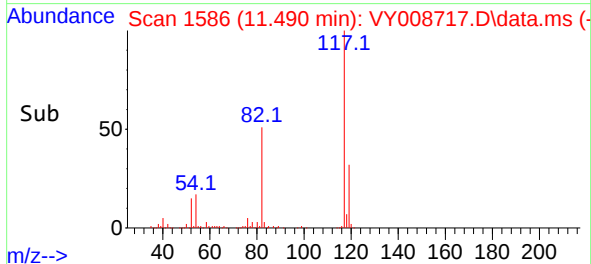
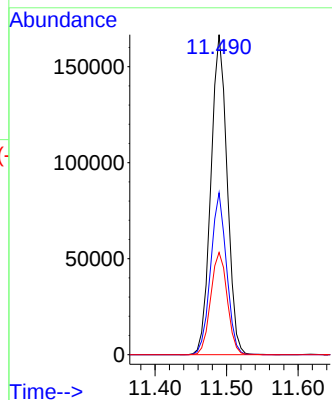
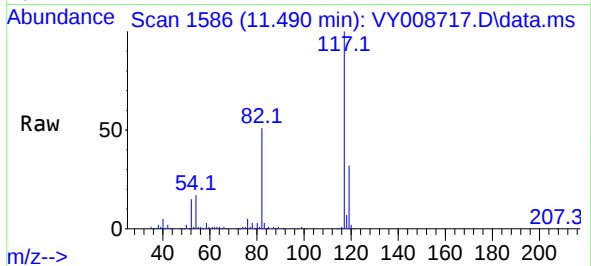




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

Tgt Ion:117 Resp: 262683
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.0 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: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion:152 Resp: 111777
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.9 0.0 347.6

