

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008788.D
 Acq On : 17 May 2022 21:51
 Operator : KP/MD
 Sample : N2841-02
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P002-SS003-0612-01

Quant Time: May 18 07:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	109019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68686	67.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.820%
35) Dibromofluoromethane	7.716	113	63839	56.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.840%
50) Toluene-d8	10.179	98	240048	47.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.483	95	70439	39.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.980%

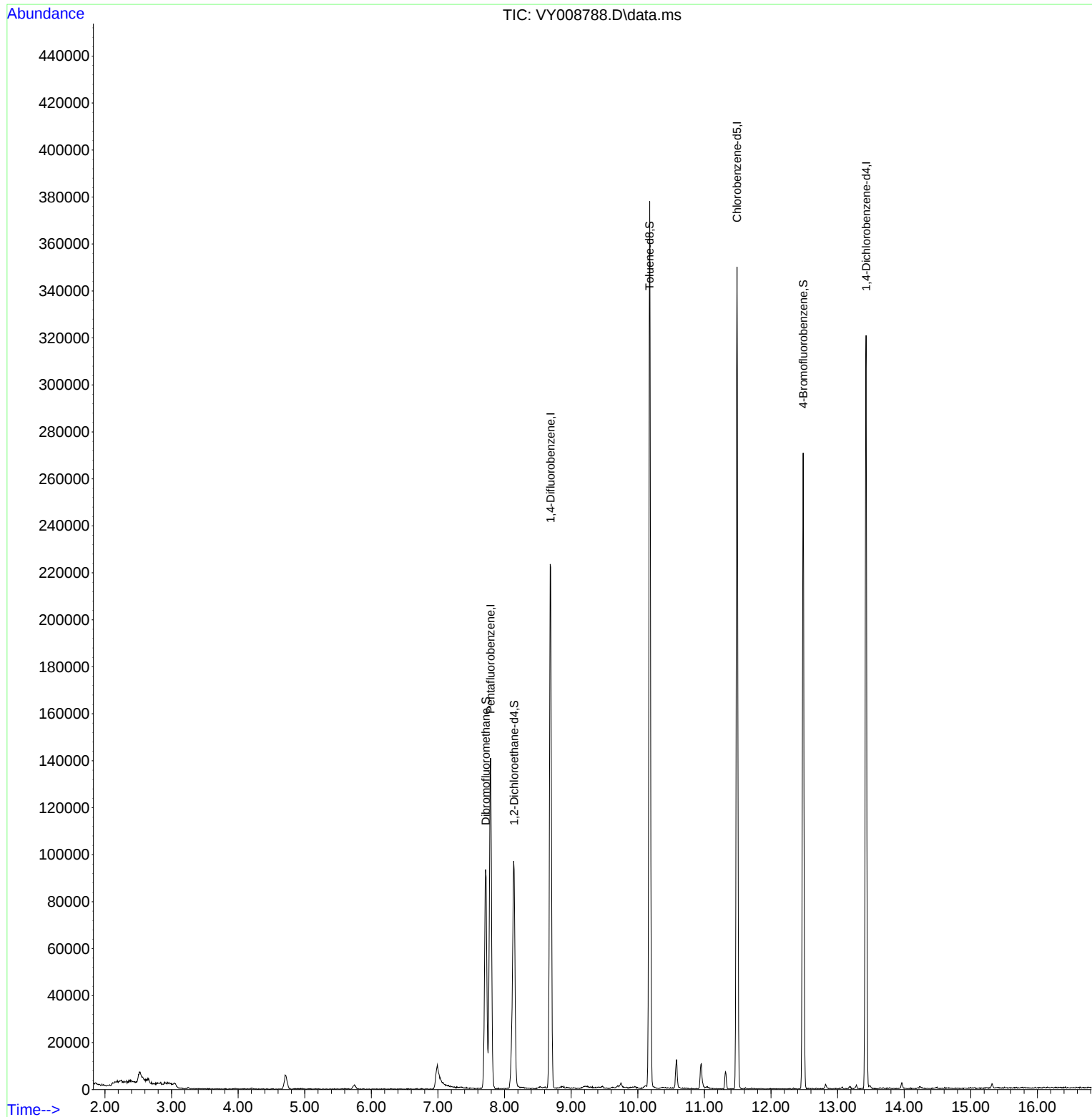
Target Compounds	Qvalue

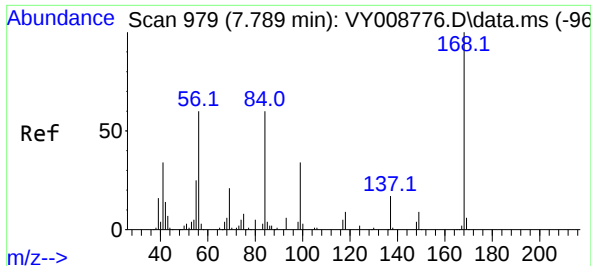
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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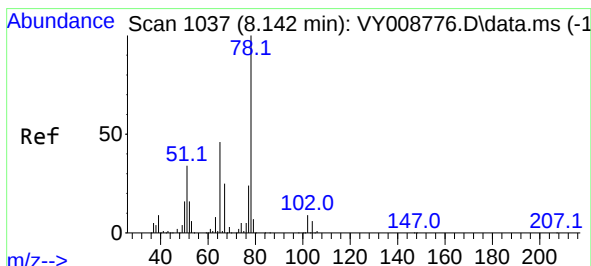
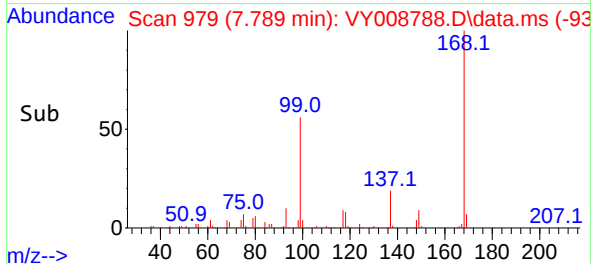
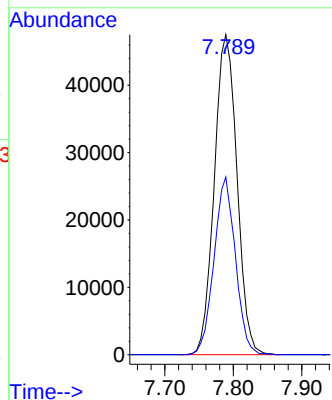
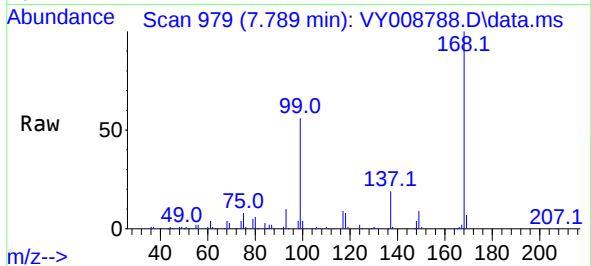




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008788.D
Acq: 17 May 2022 21:51

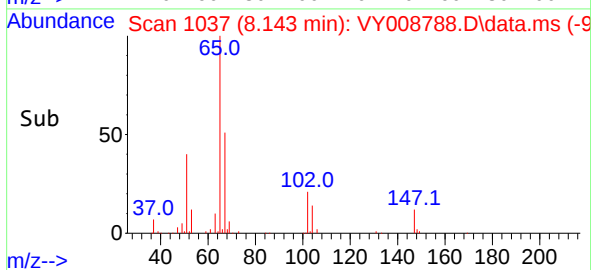
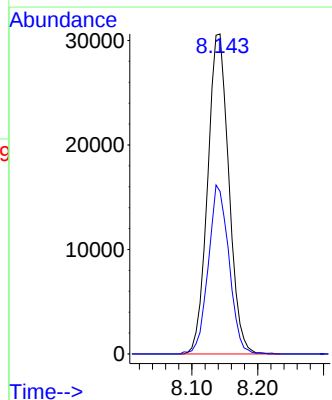
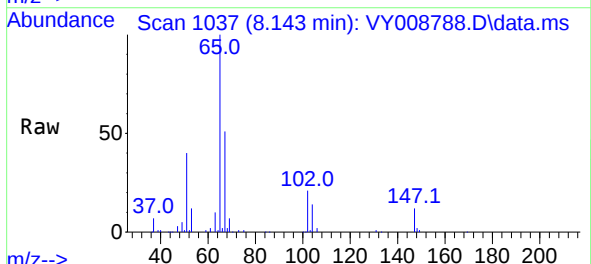
Instrument :
MSVOA_Y
ClientSampleId :
P002-SS003-0612-01

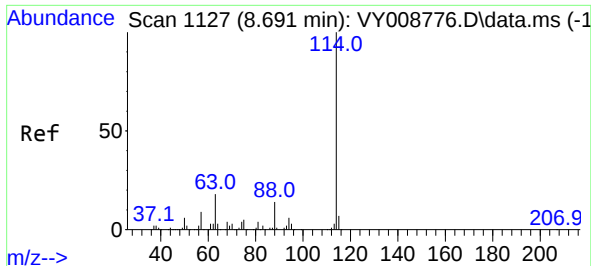
Tgt Ion:168 Resp: 109019
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.913 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008788.D
Acq: 17 May 2022 21:51

Tgt Ion: 65 Resp: 68686
Ion Ratio Lower Upper
65 100
67 51.5 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: VY008788.D

Acq: 17 May 2022 21:51

Instrument :

MSVOA_Y

ClientSampleId :

P002-SS003-0612-01

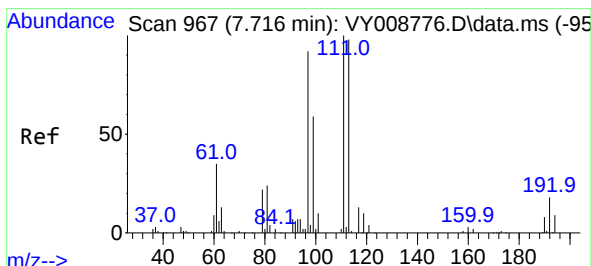
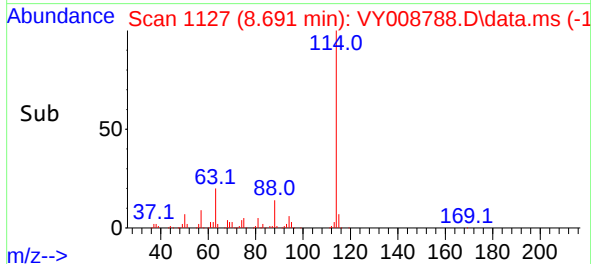
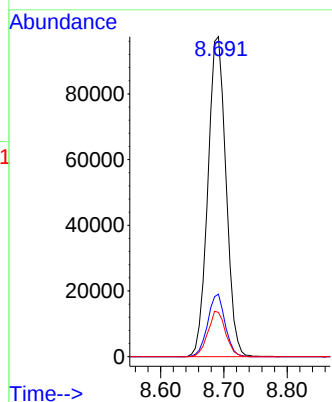
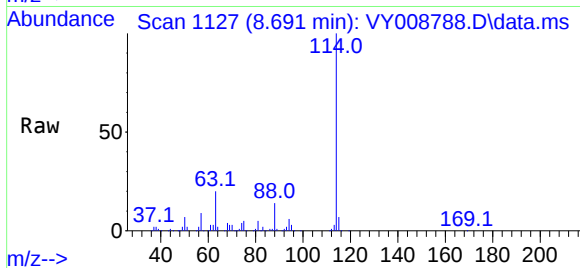
Tgt Ion:114 Resp: 193658

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.420 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008788.D

Acq: 17 May 2022 21:51

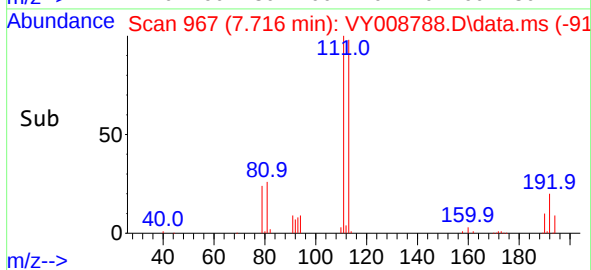
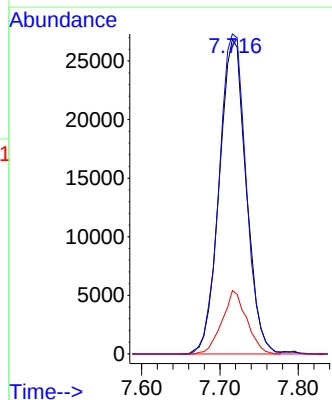
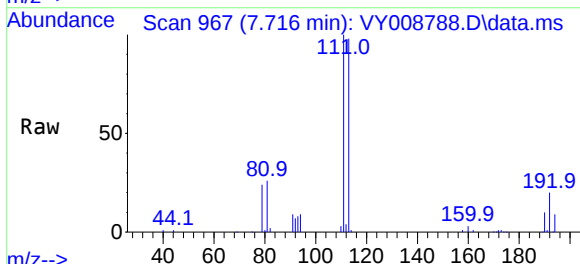
Tgt Ion:113 Resp: 63839

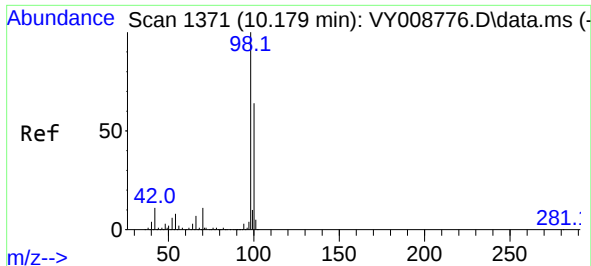
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.5 17.6 26.4

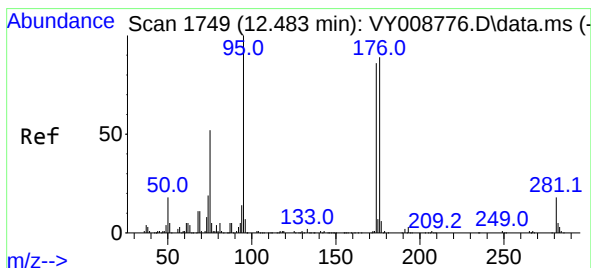
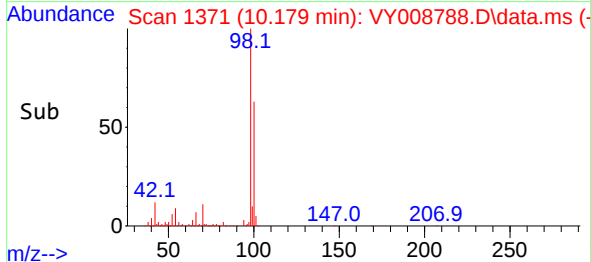
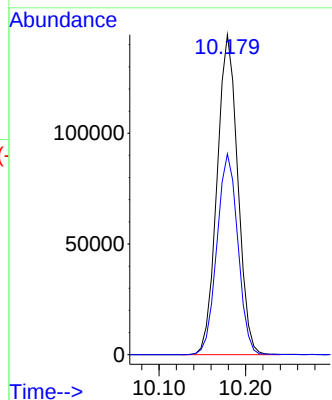
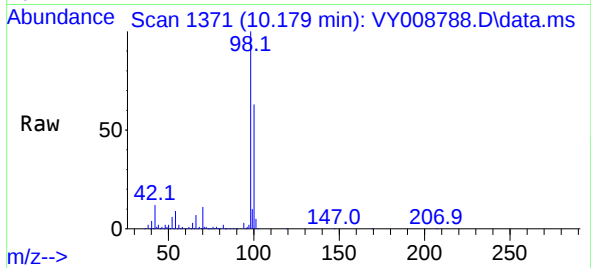




#50
Toluene-d8
Concen: 47.872 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008788.D
Acq: 17 May 2022 21:51

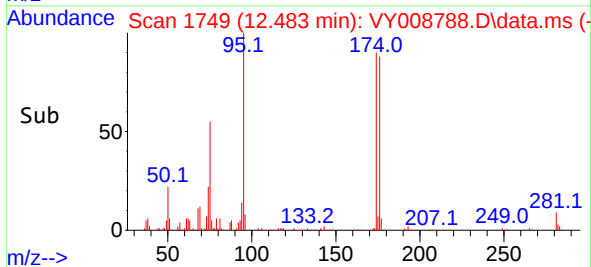
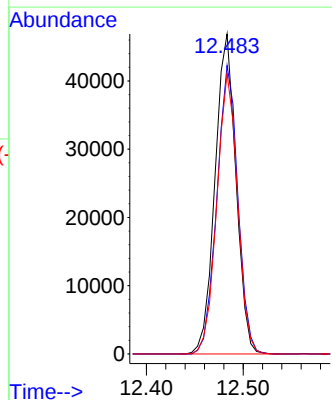
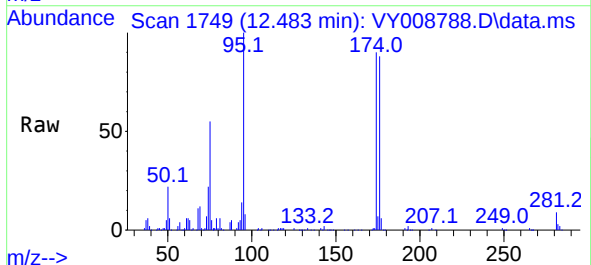
Instrument :
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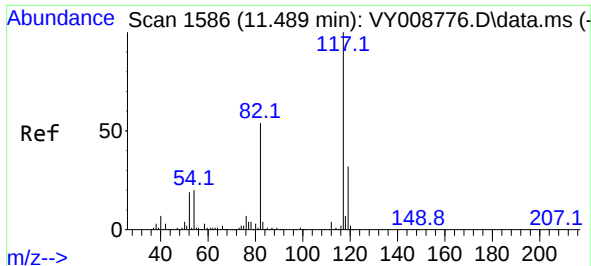
Tgt Ion: 98 Resp: 240048
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008788.D
Acq: 17 May 2022 21:51

Tgt Ion: 95 Resp: 70439
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 86.6 0.0 175.8

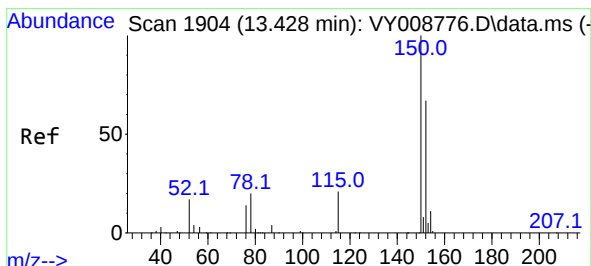
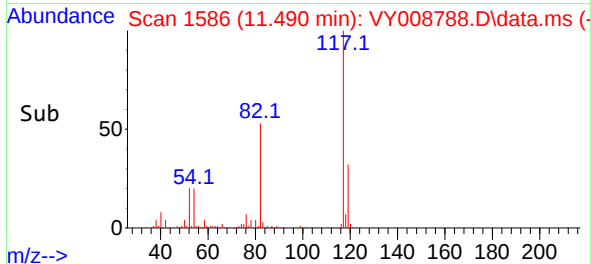
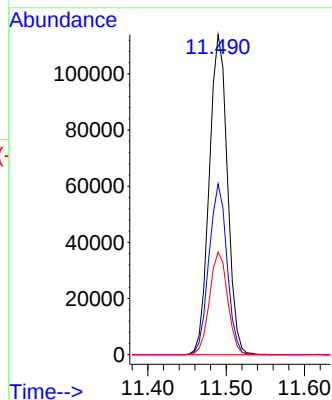
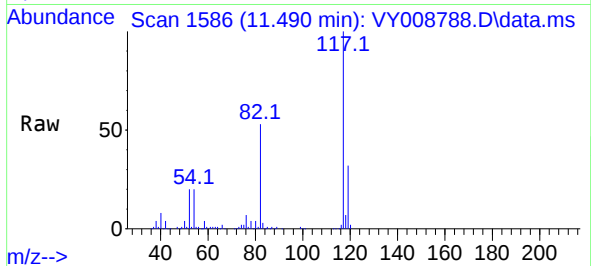




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008788.D
Acq: 17 May 2022 21:51

Instrument :
MSVOA_Y
ClientSampleId :
P002-SS003-0612-01

Tgt Ion:117 Resp: 183204
Ion Ratio Lower Upper
117 100
82 53.4 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: VY008788.D
Acq: 17 May 2022 21:51

Tgt Ion:152 Resp: 78126
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 158.7 0.0 347.6

