

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008754.D
 Acq On : 13 May 2022 17:11
 Operator : KP/MD
 Sample : N2781-19
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01MSD

Quant Time: May 16 05:53:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91400	64.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.716	113	81818	52.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.179	98	306849	52.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.483	95	85738	42.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.680%

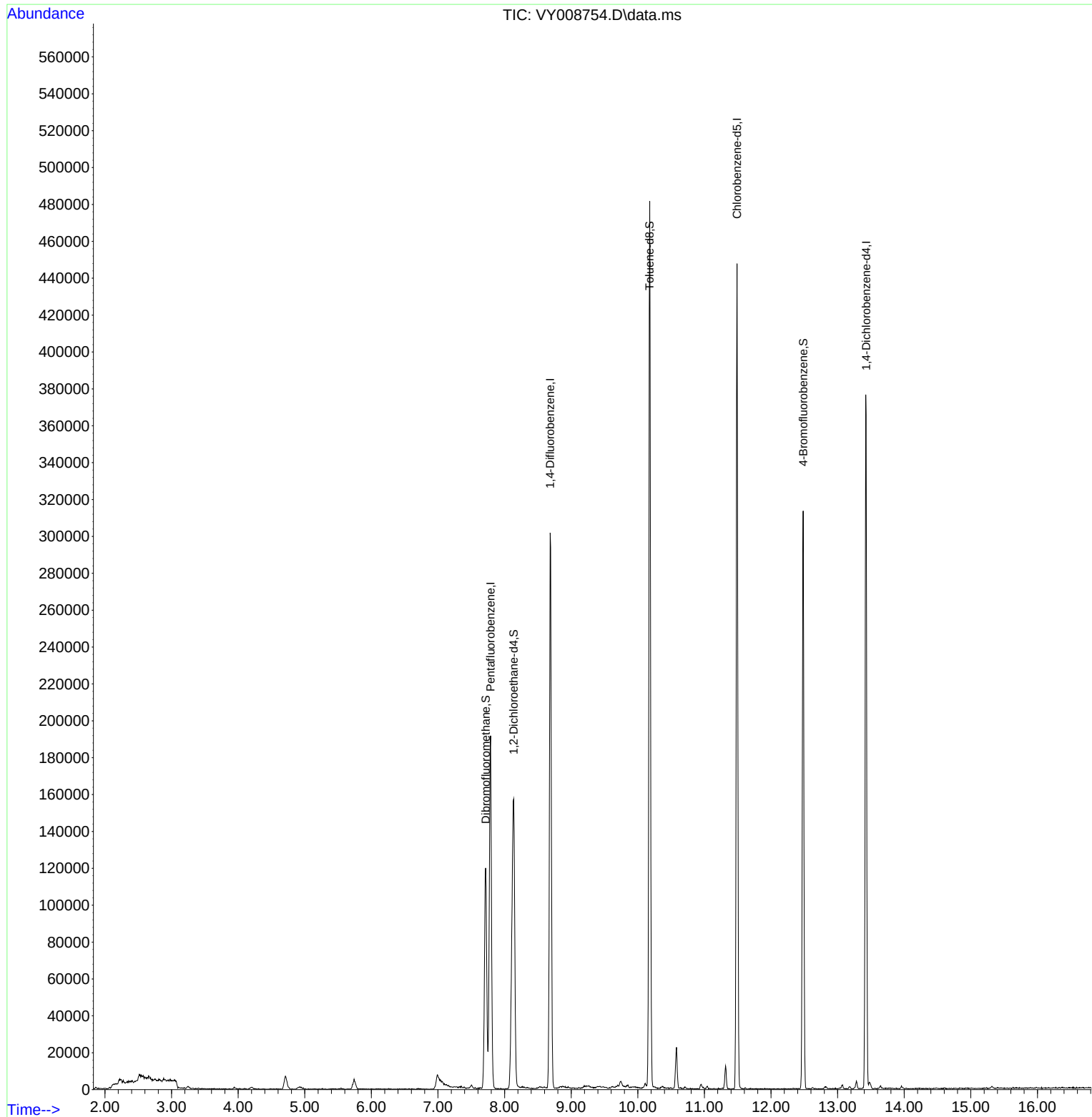
Target Compounds	Qvalue

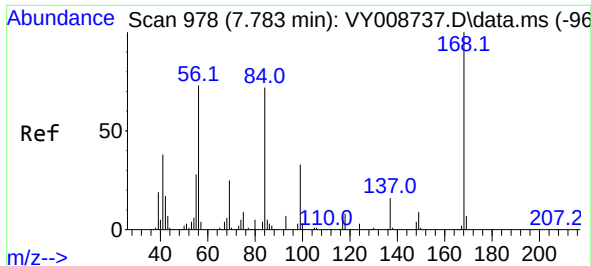
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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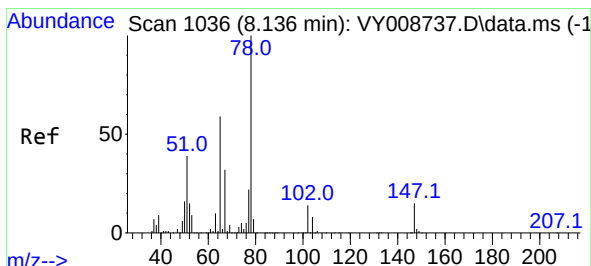
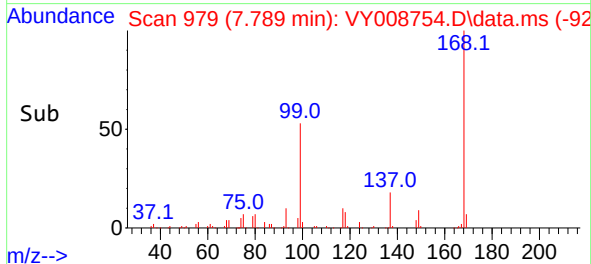
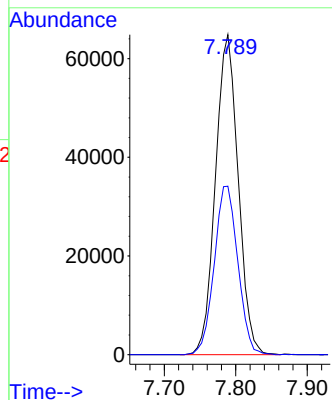
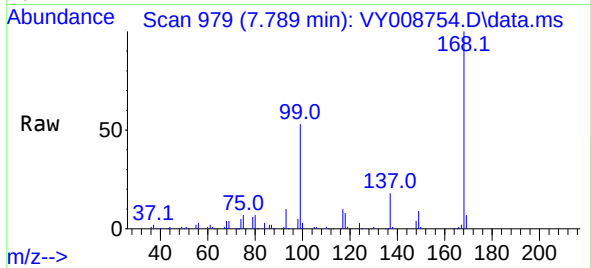




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

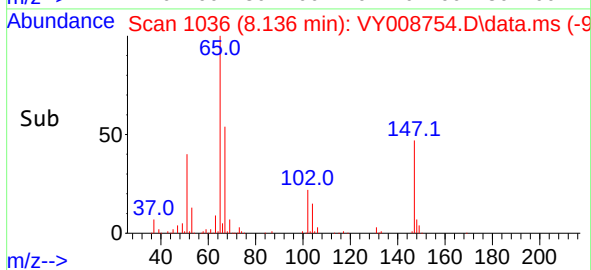
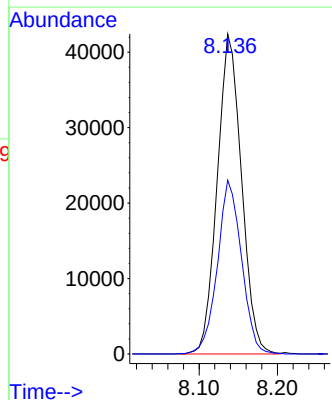
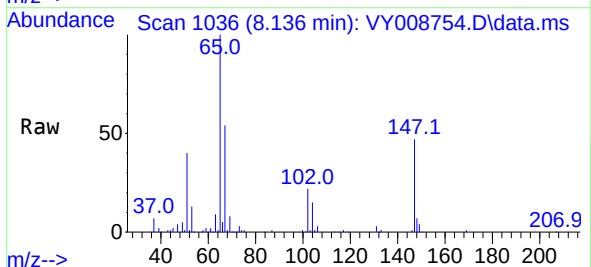
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01MSD

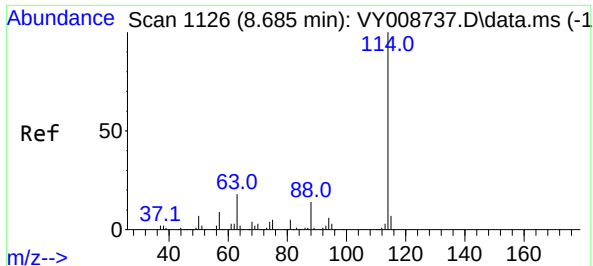
Tgt Ion:168 Resp: 143350
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 64.023 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

Tgt Ion: 65 Resp: 91400
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008754.D

Acq: 13 May 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

P018-SS001-0006-01MSD

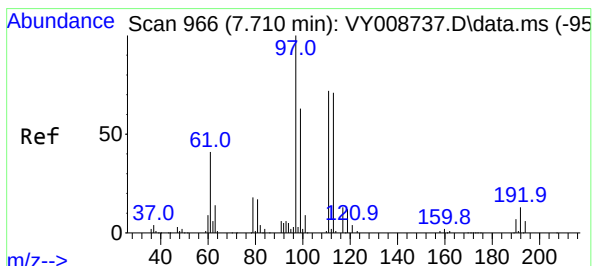
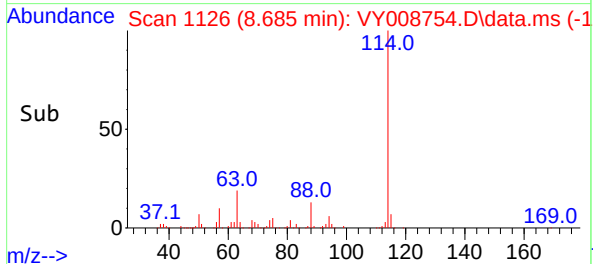
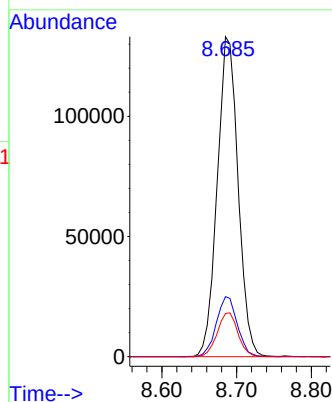
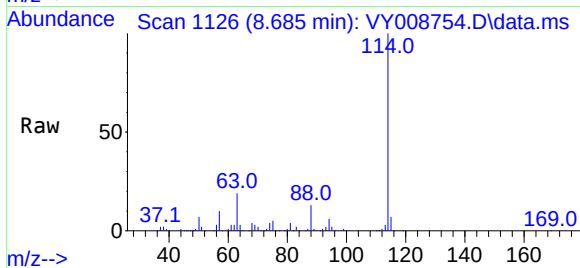
Tgt Ion:114 Resp: 258220

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 13.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 52.792 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY008754.D

Acq: 13 May 2022 17:11

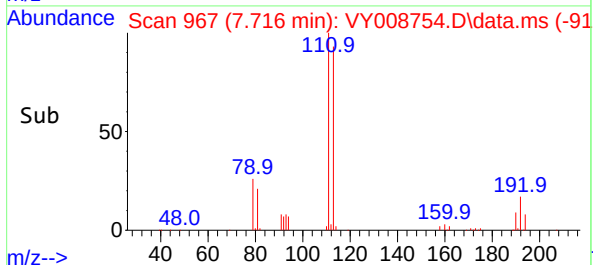
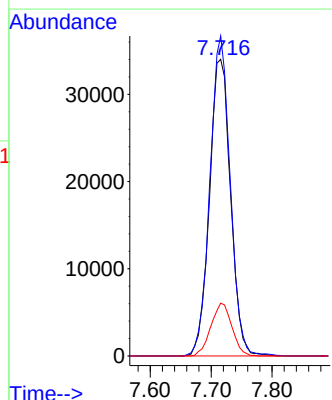
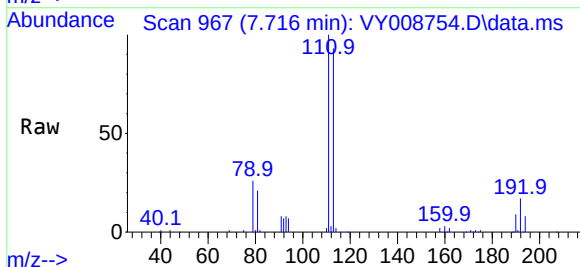
Tgt Ion:113 Resp: 81818

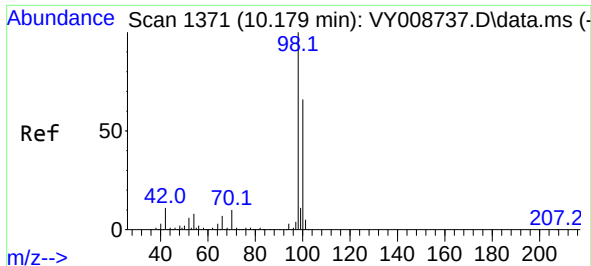
Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

192 17.7 14.5 21.7

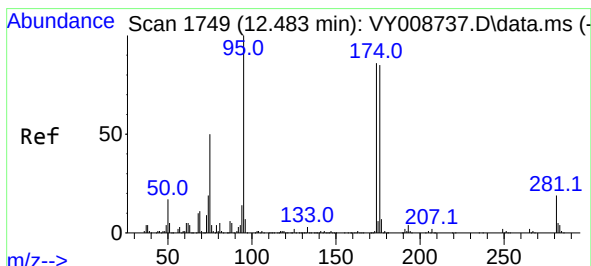
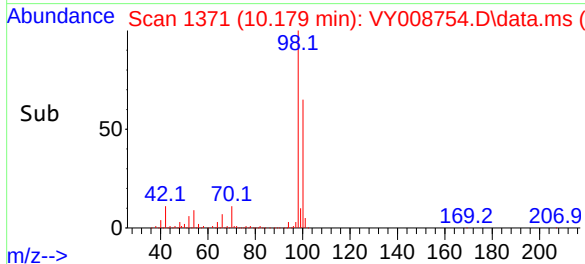
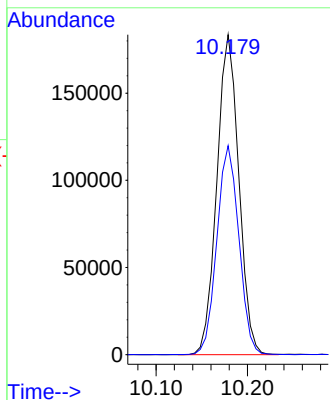
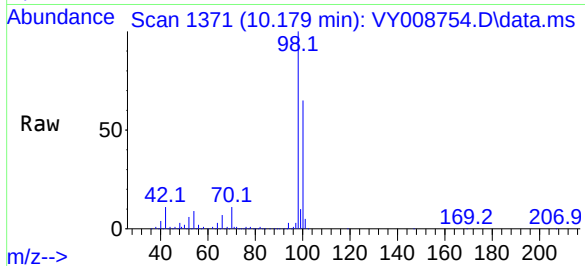




#50
Toluene-d8
Concen: 52.500 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

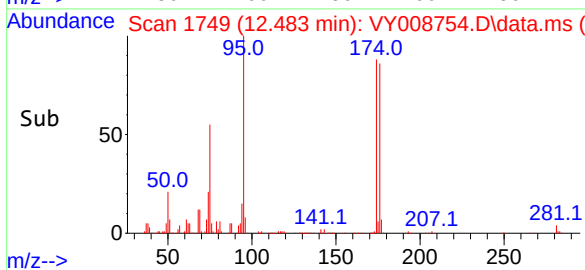
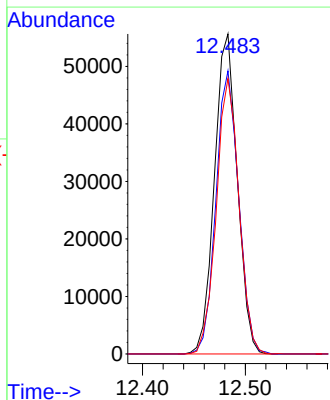
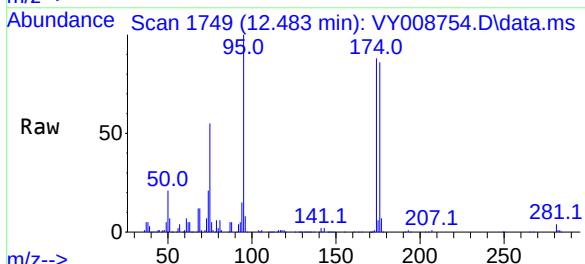
Instrument :
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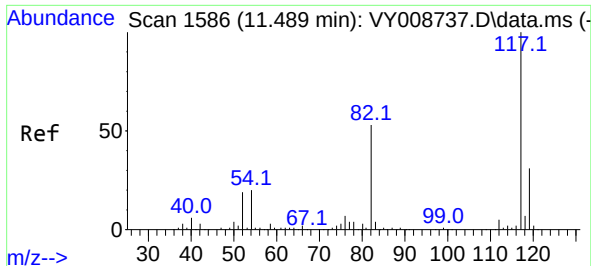
Tgt Ion: 98 Resp: 306849
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.340 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

Tgt Ion: 95 Resp: 85738
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.2
176 85.5 0.0 168.8

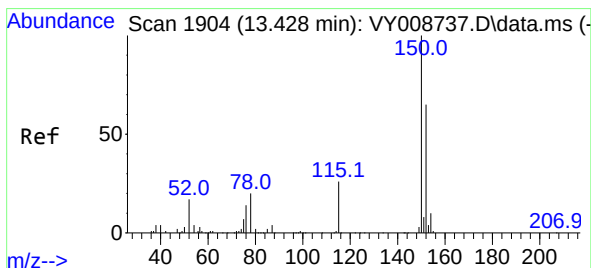
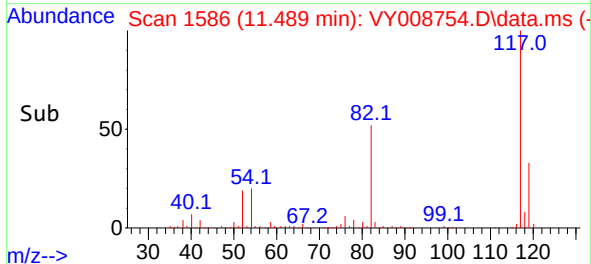
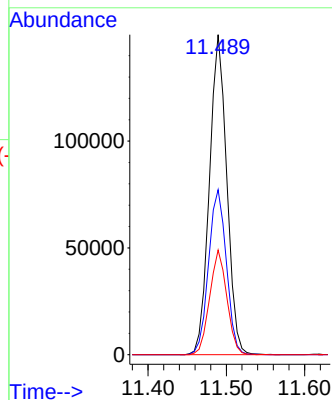
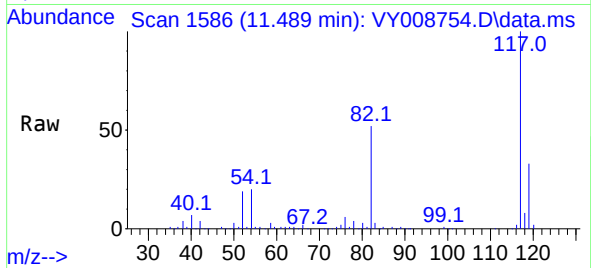




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01MSD

Tgt Ion:117 Resp: 230211
Ion Ratio Lower Upper
117 100
82 51.6 42.3 63.5
119 32.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008754.D
Acq: 13 May 2022 17:11

Tgt Ion:152 Resp: 94641
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.3 0.0 348.2

