

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008749.D
 Acq On : 13 May 2022 15:14
 Operator : KP/MD
 Sample : N2781-14
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-2430-01

Quant Time: May 16 05:52:24 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	153146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98140	64.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.716	113	88529	54.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.240%
50) Toluene-d8	10.179	98	332459	53.887	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.483	95	97831	45.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%

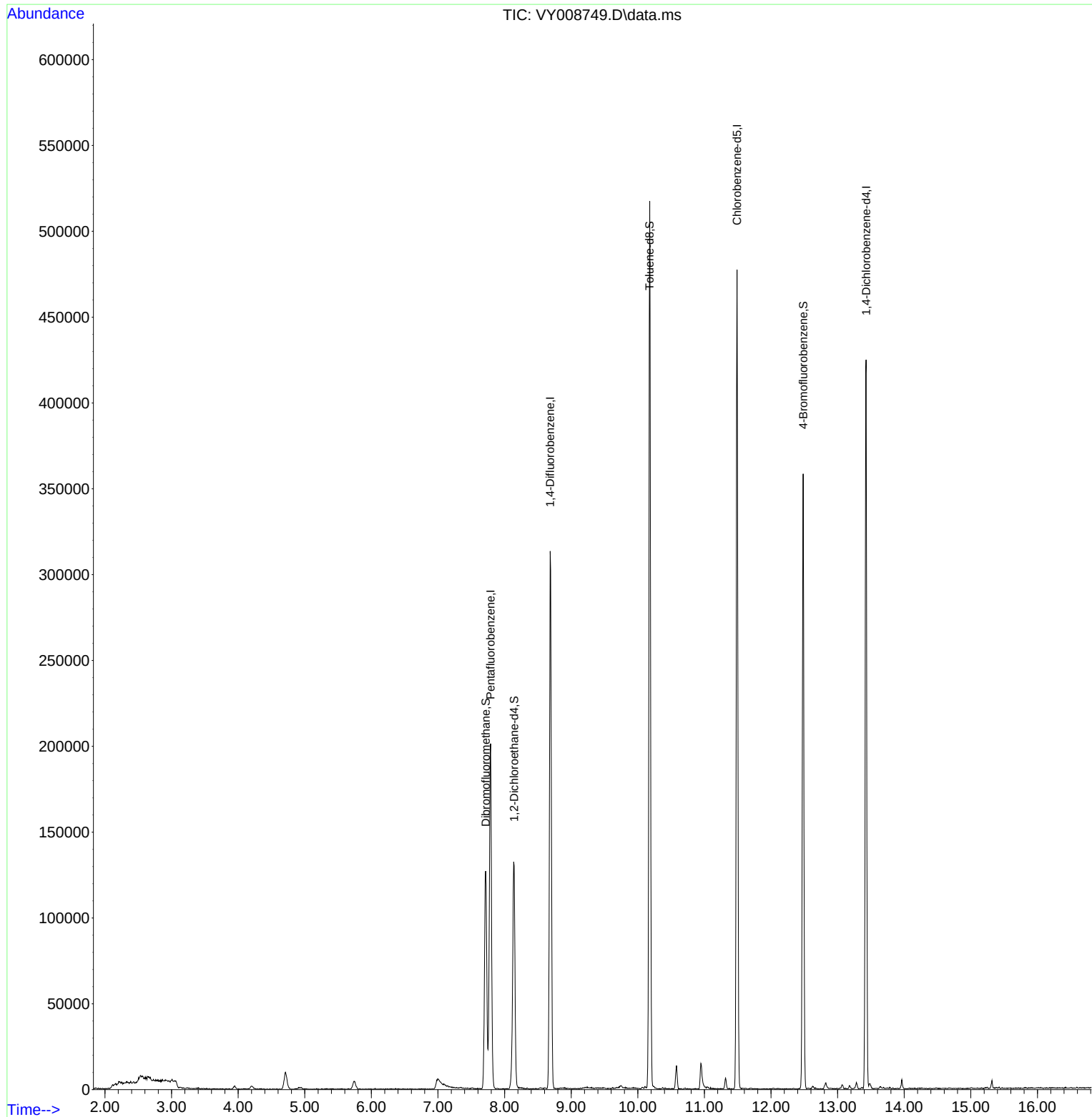
Target Compounds	Qvalue

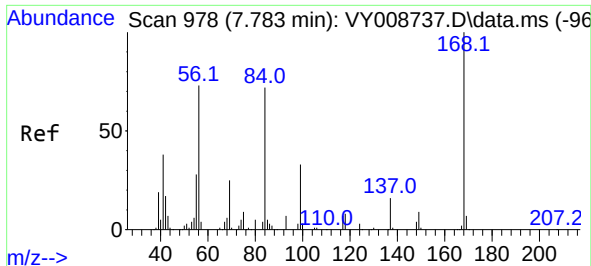
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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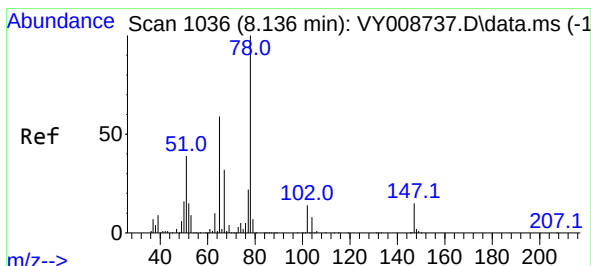
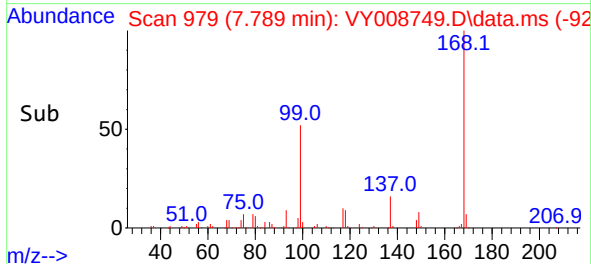
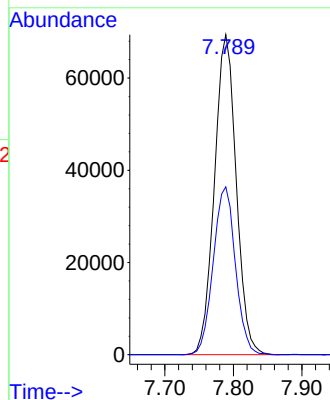
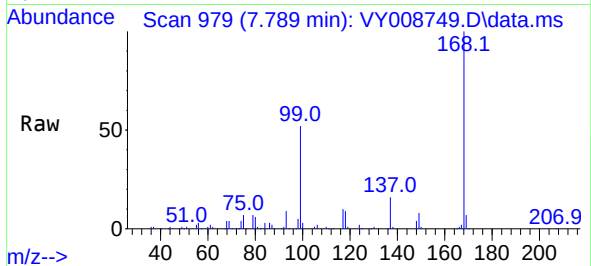




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

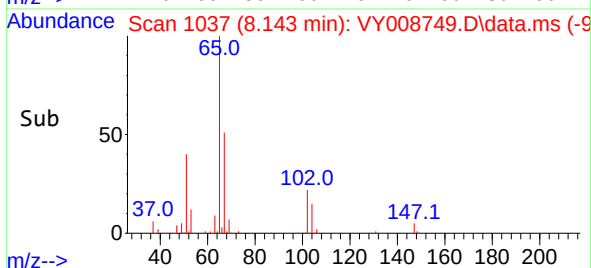
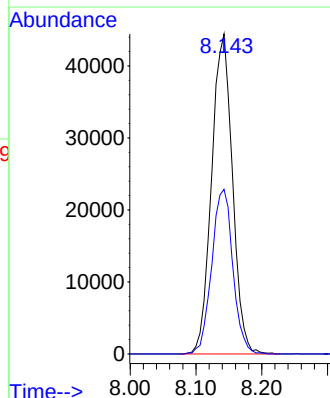
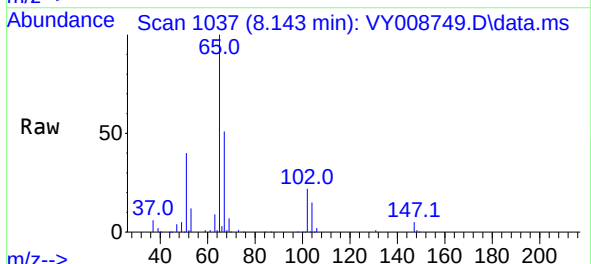
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

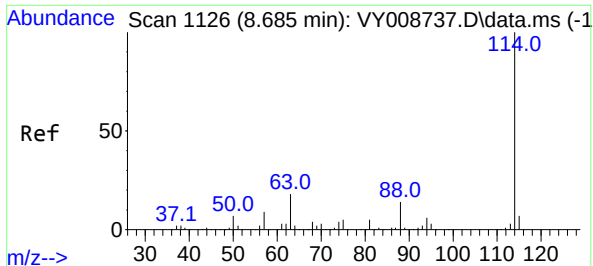
Tgt Ion:168 Resp: 153146
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 64.347 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 65 Resp: 98140
Ion Ratio Lower Upper
65 100
67 52.1 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: VY008749.D

Acq: 13 May 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-2430-01

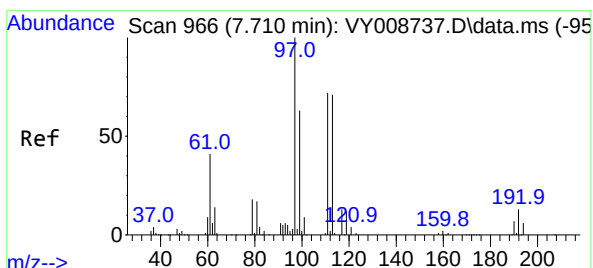
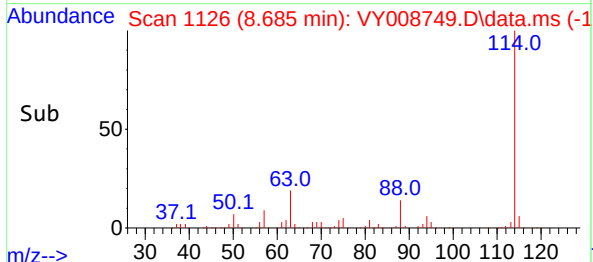
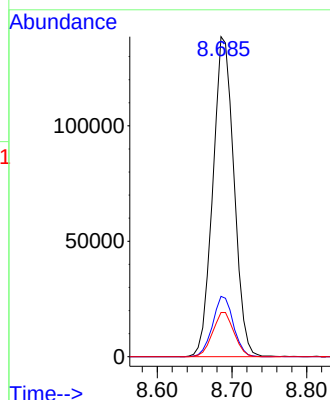
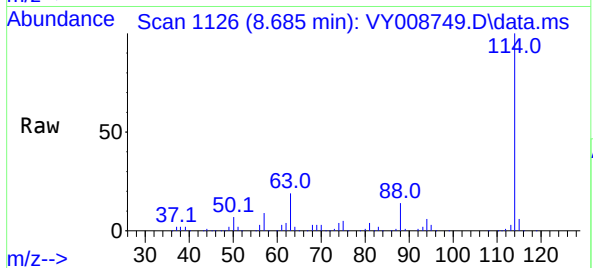
Tgt Ion:114 Resp: 272570

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 13.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 54.115 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY008749.D

Acq: 13 May 2022 15:14

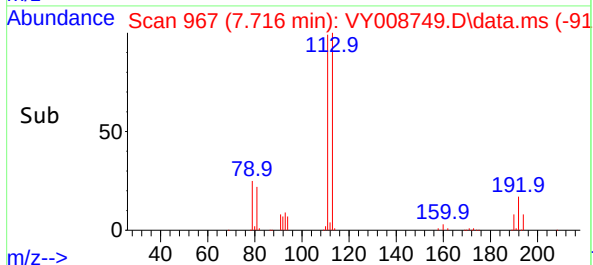
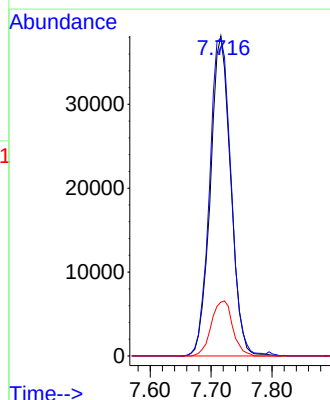
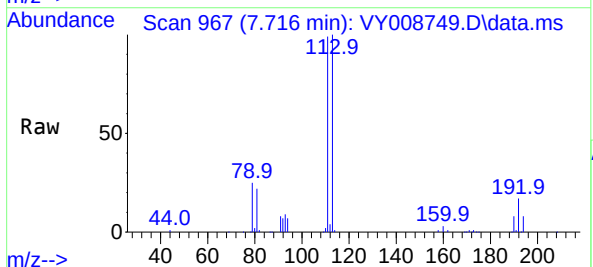
Tgt Ion:113 Resp: 88529

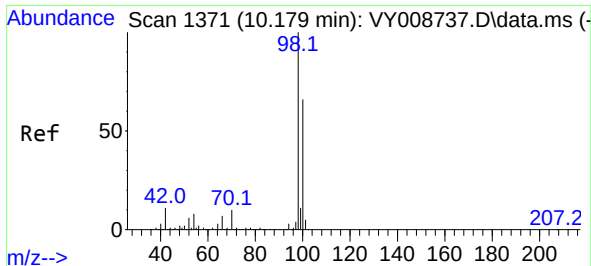
Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.6

192 18.1 14.5 21.7

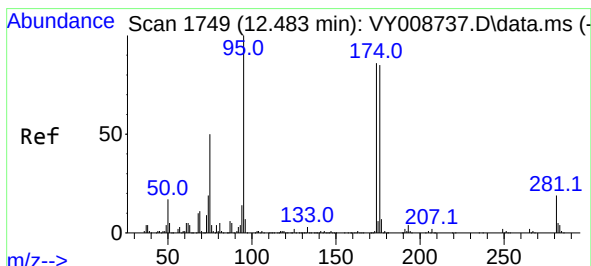
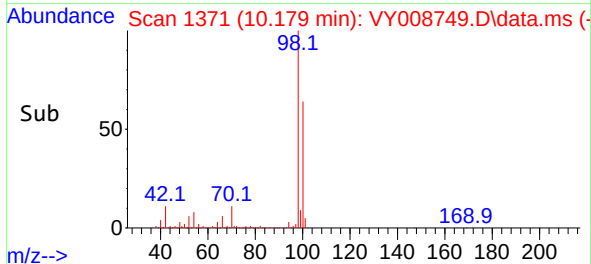
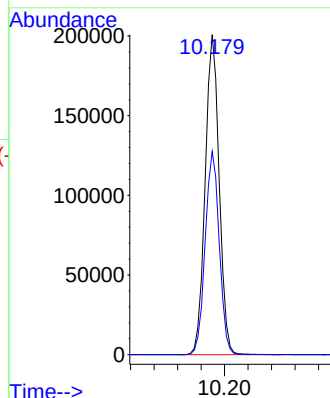
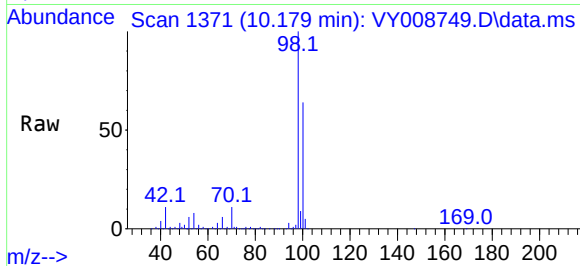




#50
Toluene-d8
Concen: 53.887 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

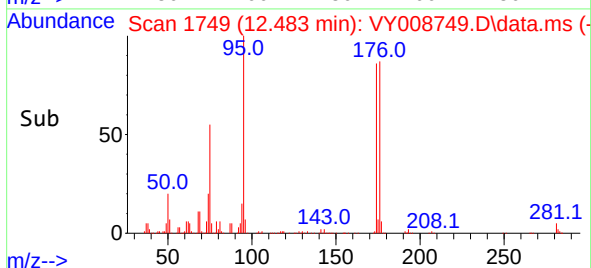
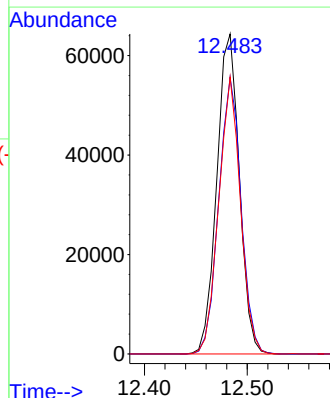
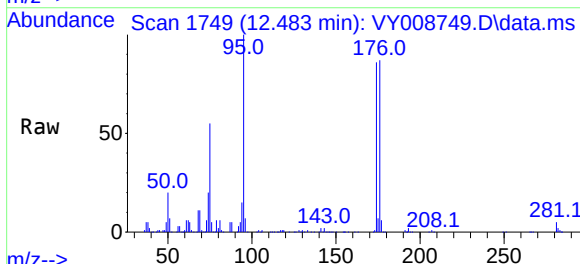
Instrument :
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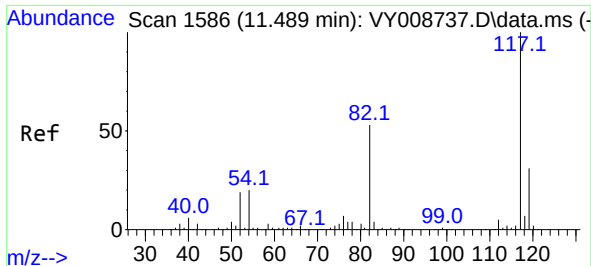
Tgt Ion: 98 Resp: 332459
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 95 Resp: 97831
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.2
176 83.3 0.0 168.8

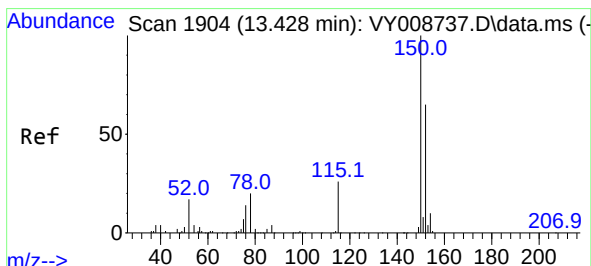
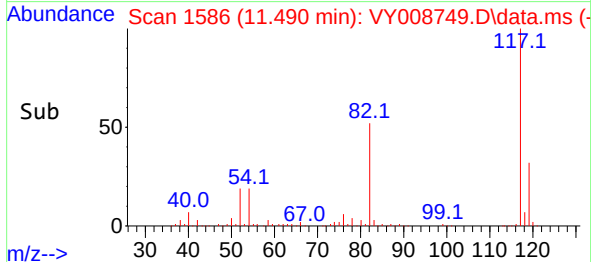
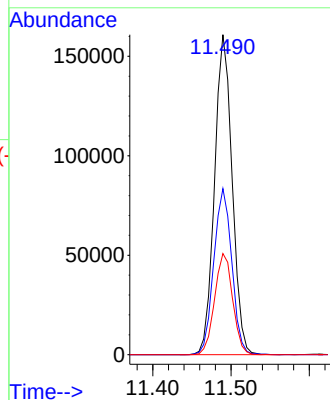
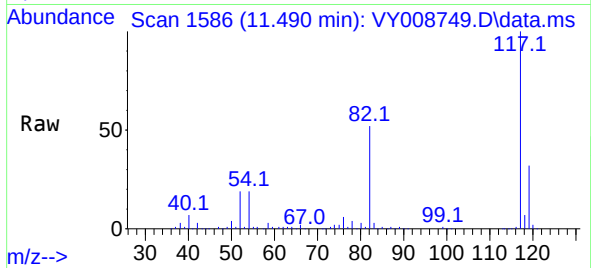




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

Tgt Ion:117 Resp: 251355
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 31.6 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: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion:152 Resp: 106234
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.4 0.0 348.2

