

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY008999.D
 Acq On : 23 May 2022 12:24
 Operator : KP/MD
 Sample : N2939-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1

Quant Time: May 24 01:46:44 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	131782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84650	62.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.820%
35) Dibromofluoromethane	7.710	113	74796	51.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.179	98	296497	54.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.483	95	88344	40.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.980%

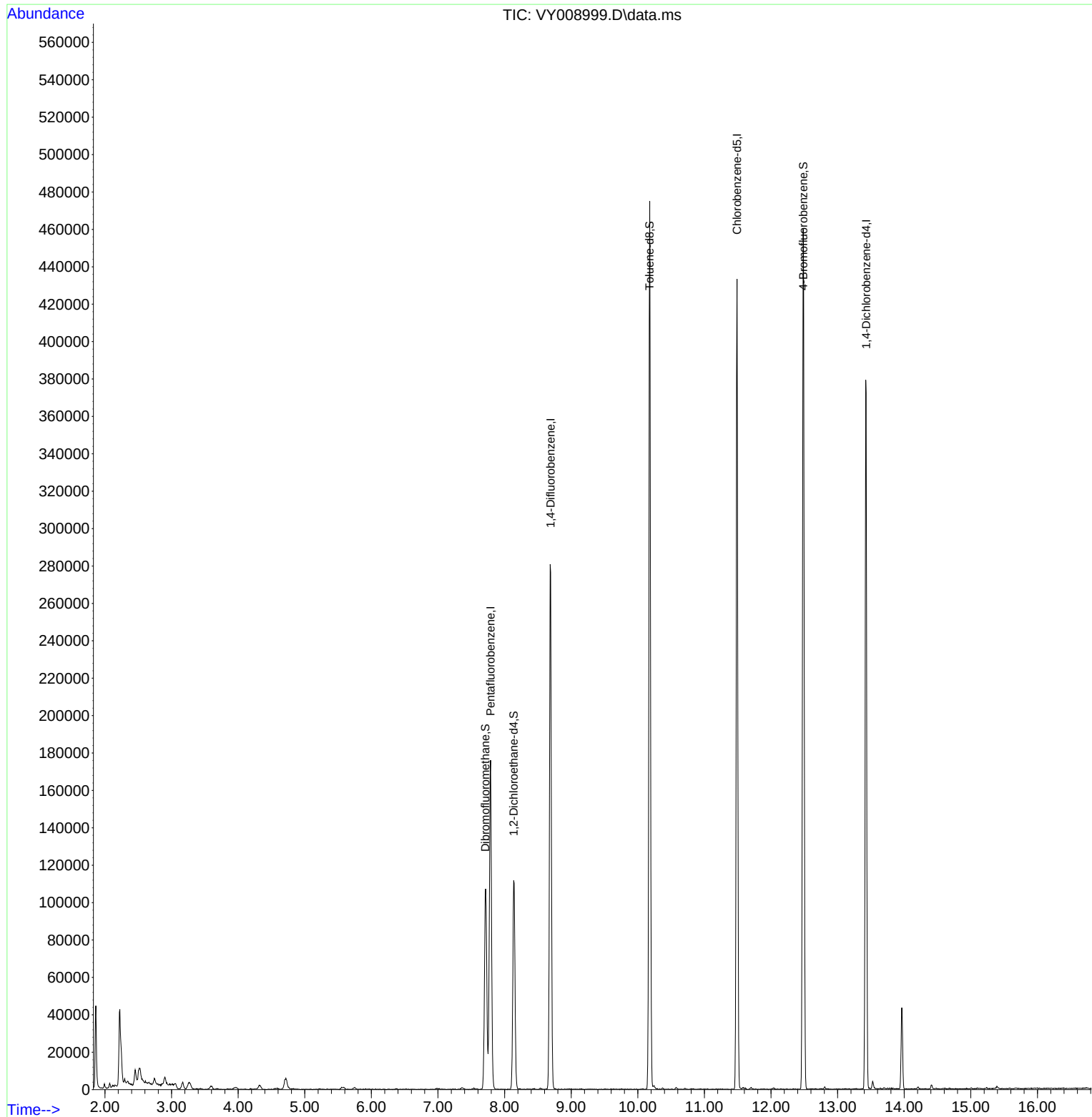
Target Compounds	Qvalue

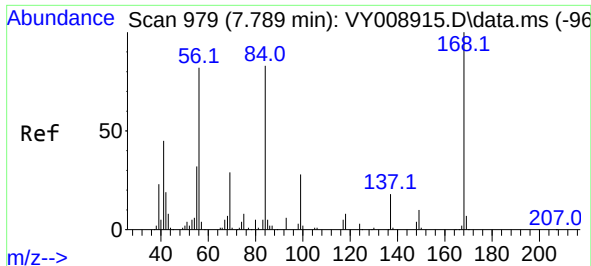
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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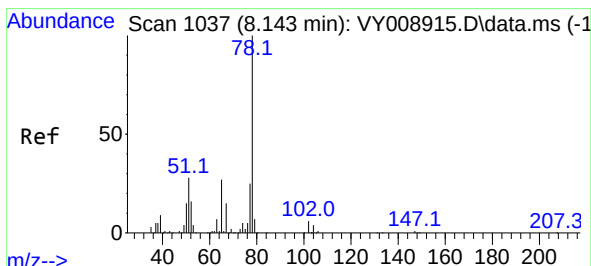
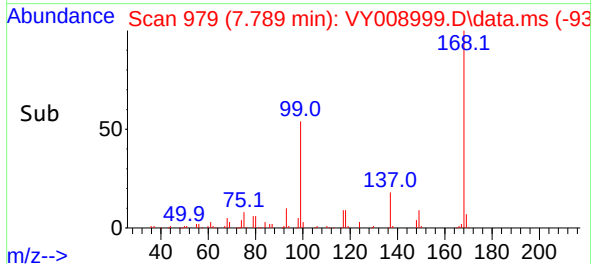
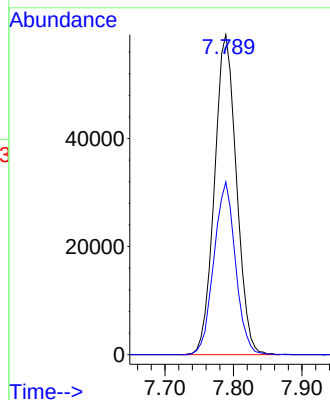
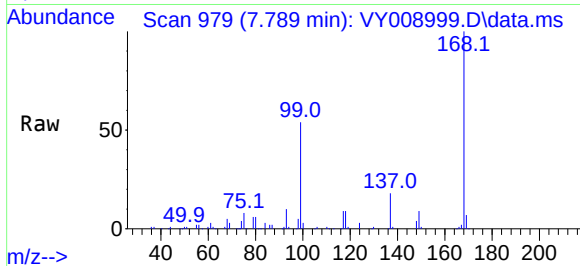




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

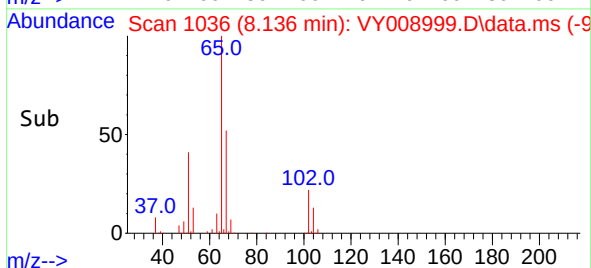
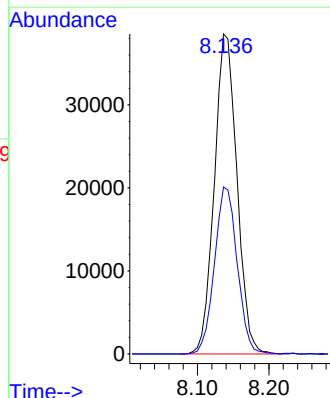
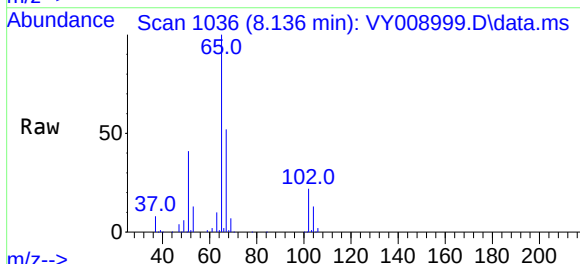
Instrument :
MSVOA_Y
ClientSampleId :
B1

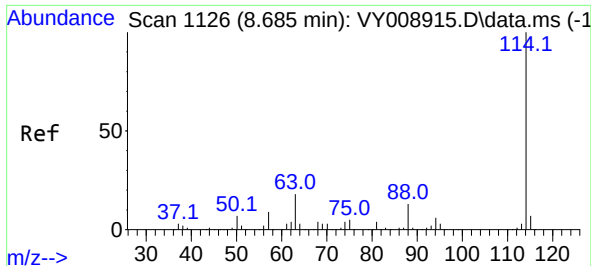
Tgt Ion:168 Resp: 131782
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.413 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 65 Resp: 84650
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008999.D

Acq: 23 May 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

B1

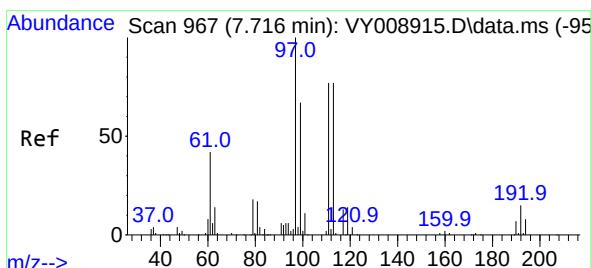
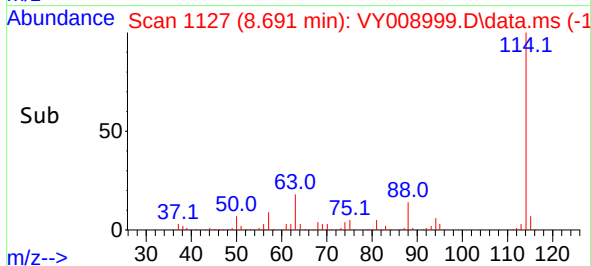
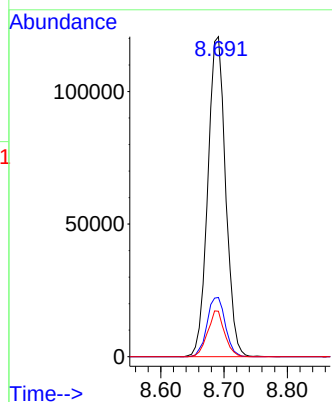
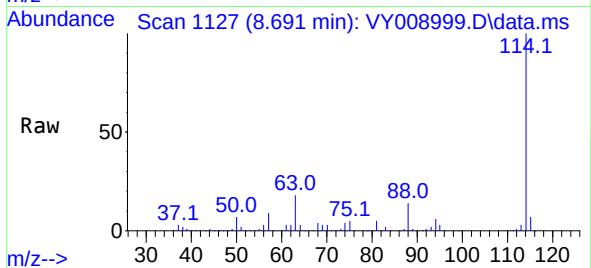
Tgt Ion:114 Resp: 235787

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.013 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008999.D

Acq: 23 May 2022 12:24

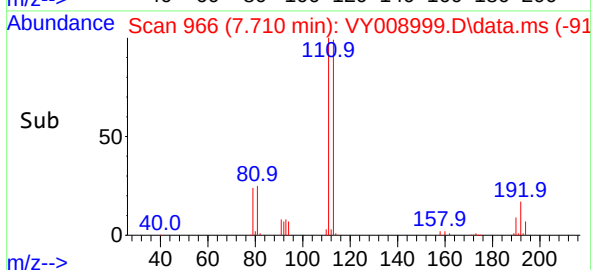
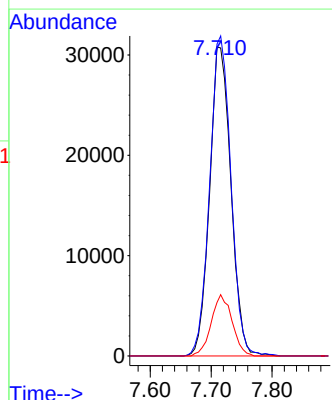
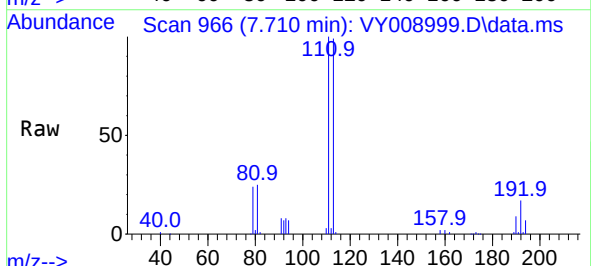
Tgt Ion:113 Resp: 74796

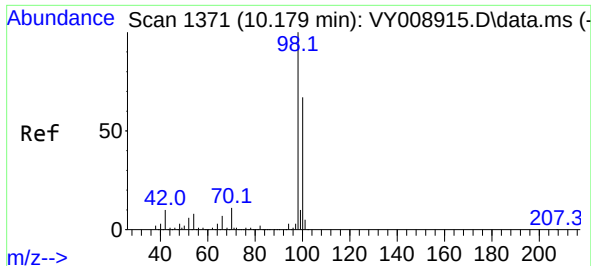
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.4 17.6 26.4

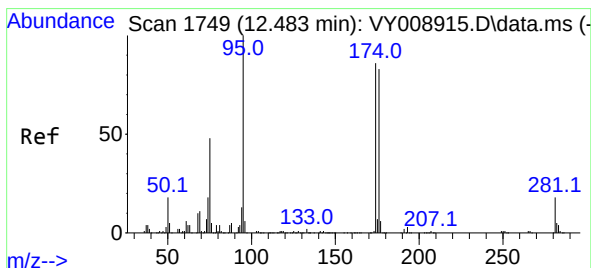
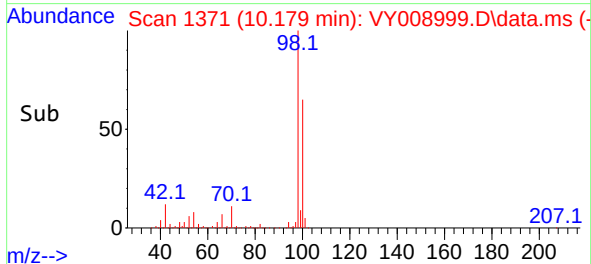
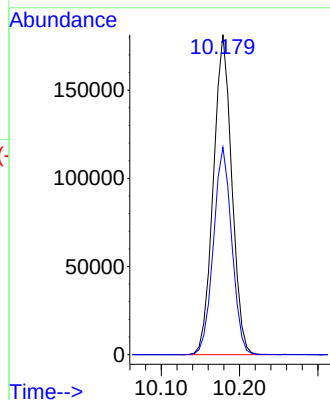
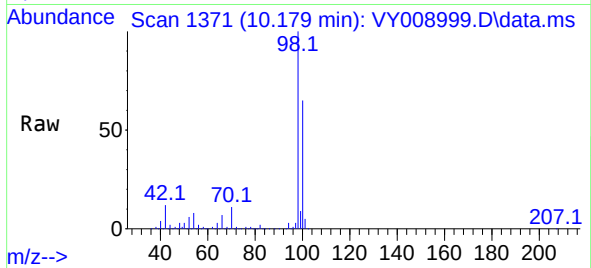




#50
Toluene-d8
Concen: 54.814 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

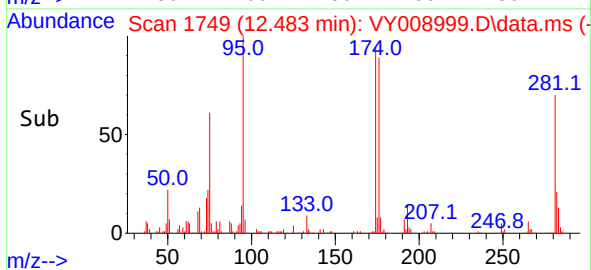
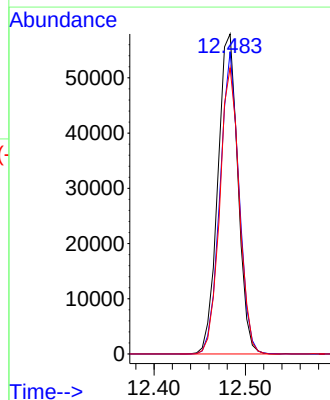
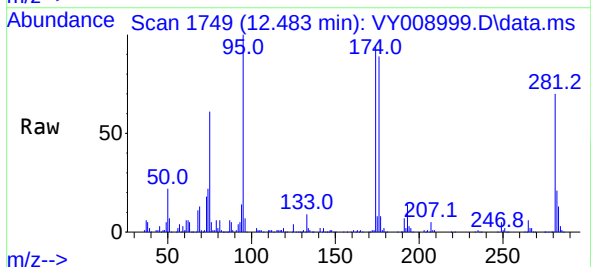
Instrument :
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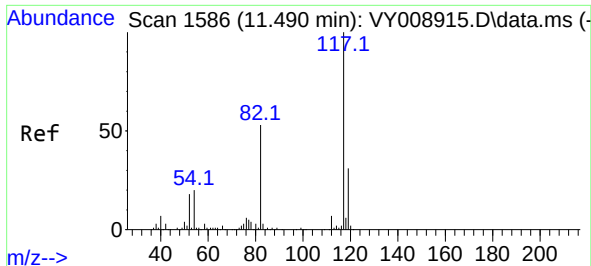
Tgt Ion: 98 Resp: 296497
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 95 Resp: 88344
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.8 0.0 175.8

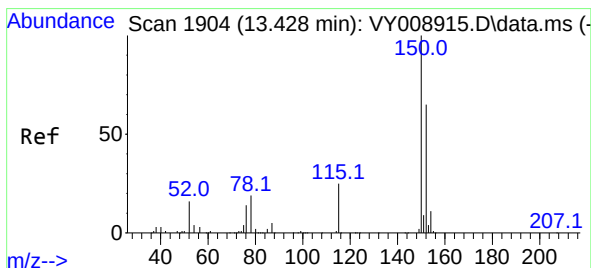
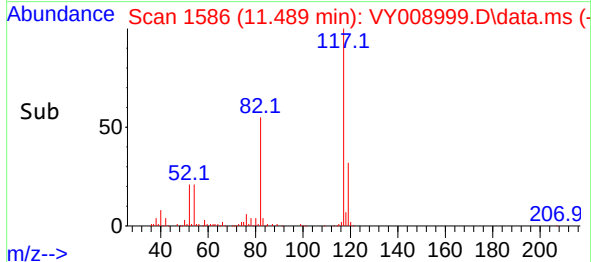
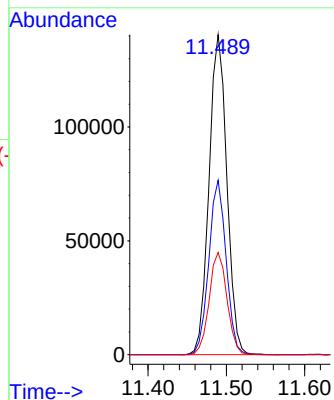
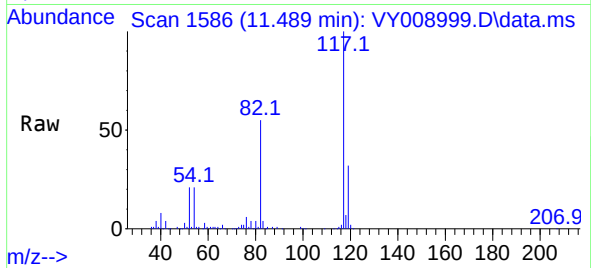




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :
B1

Tgt Ion:117 Resp: 221831
Ion Ratio Lower Upper
117 100
82 54.5 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: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion:152 Resp: 94651
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.7 0.0 347.6

