

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008720.D
 Acq On : 11 May 2022 20:21
 Operator : KP/MD
 Sample : N2781-10
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-0006-01

Quant Time: May 12 06:32:44 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	198358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	320766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96736	56.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.840%
35) Dibromofluoromethane	7.716	113	102512	51.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.179	98	368371	52.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.483	95	115372	46.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.080%

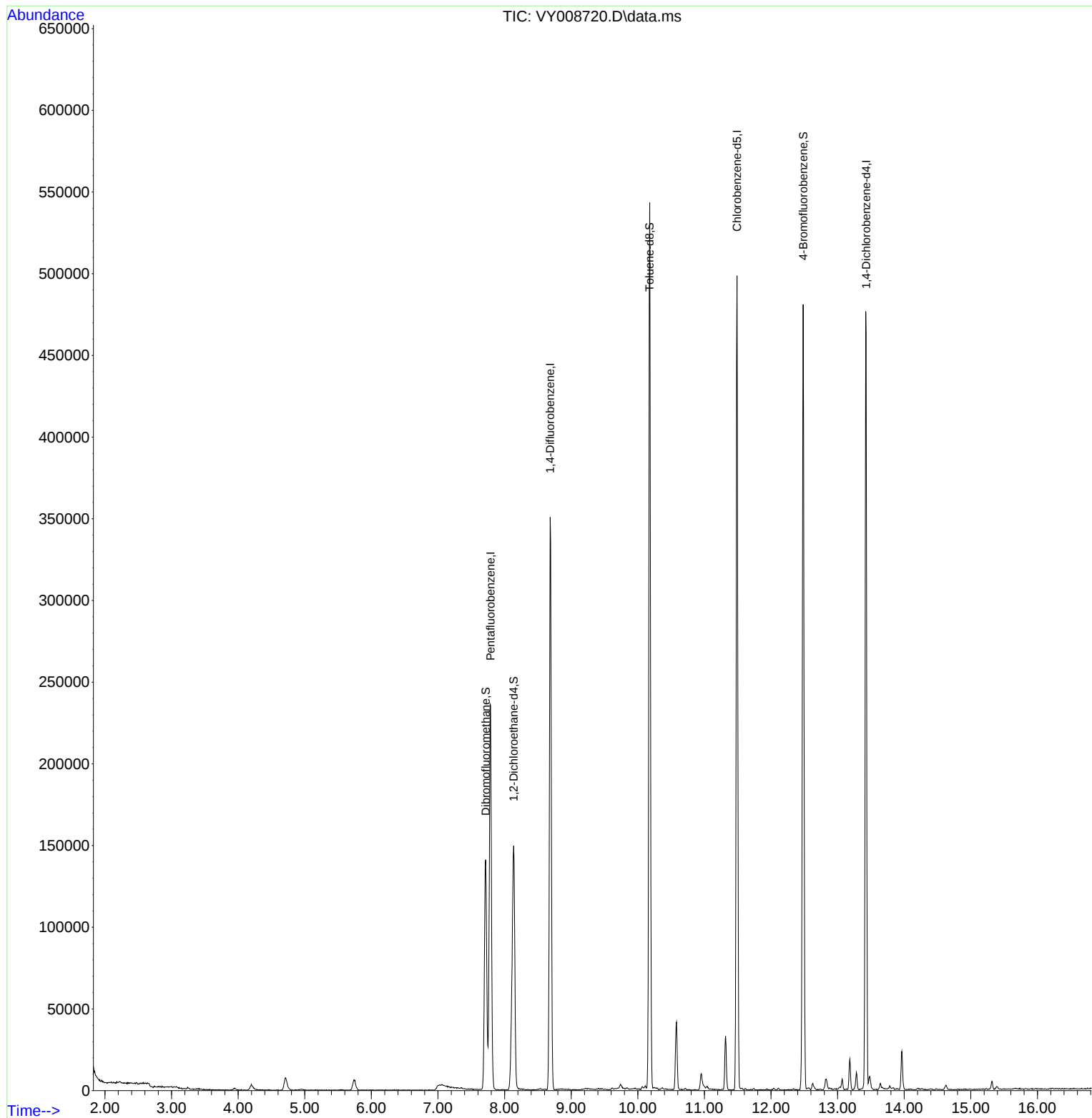
Target Compounds	Qvalue

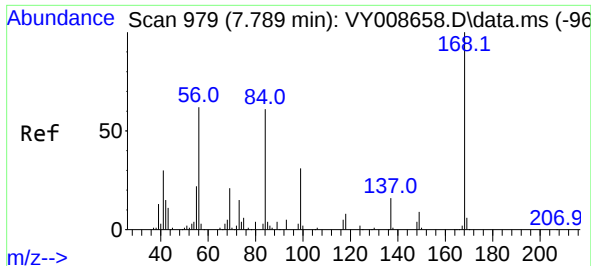
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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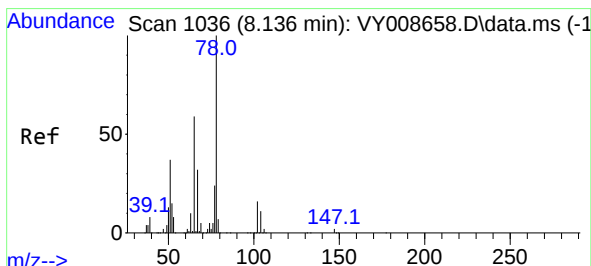
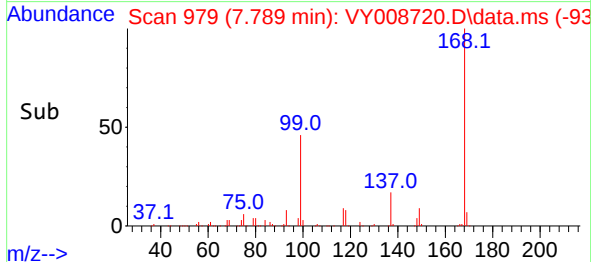
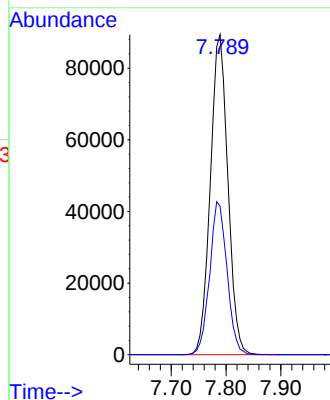
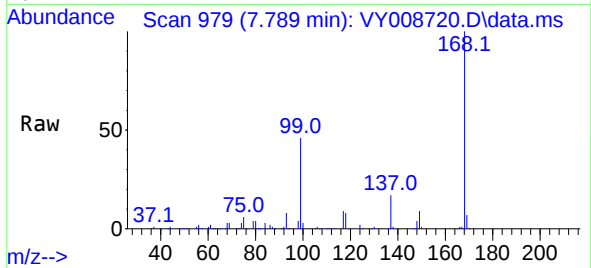




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

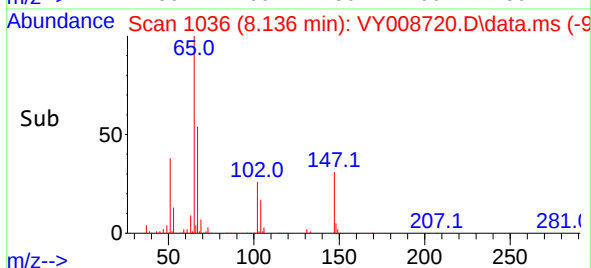
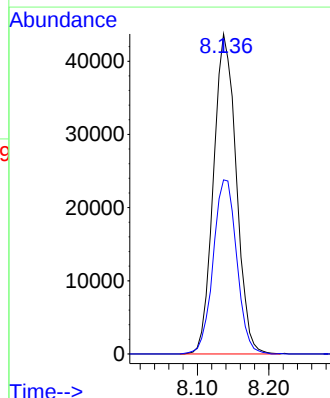
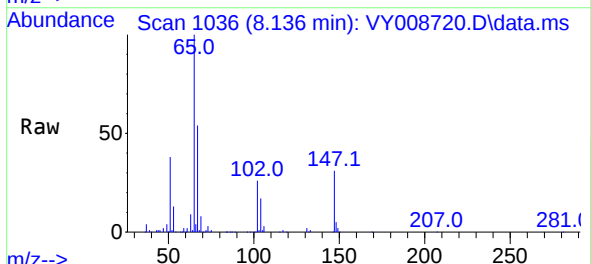
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

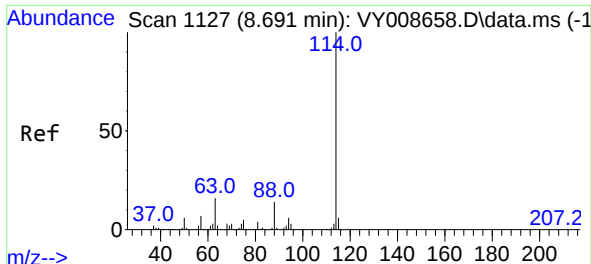
Tgt Ion:168 Resp: 198358
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 56.916 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 65 Resp: 96736
Ion Ratio Lower Upper
65 100
67 56.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008720.D

Acq: 11 May 2022 20:21

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-0006-01

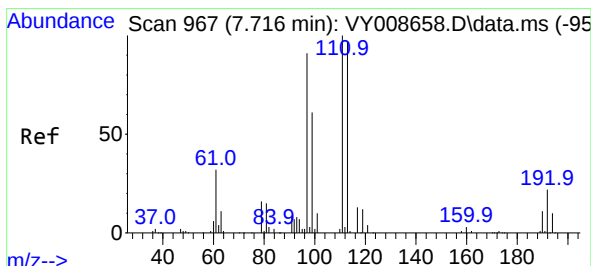
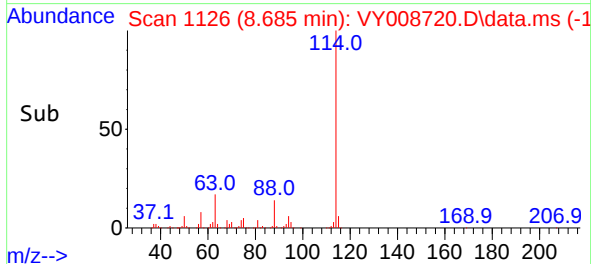
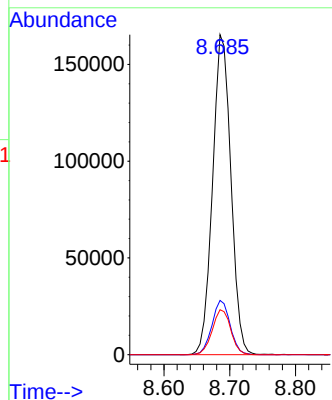
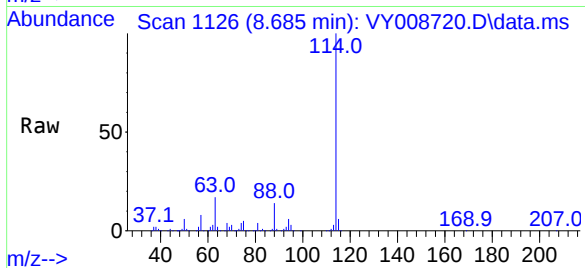
Tgt Ion:114 Resp: 320766

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.860 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008720.D

Acq: 11 May 2022 20:21

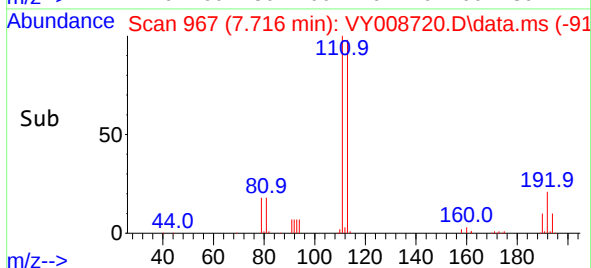
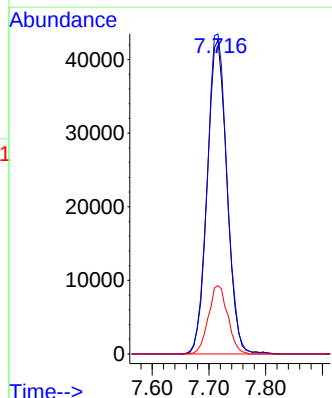
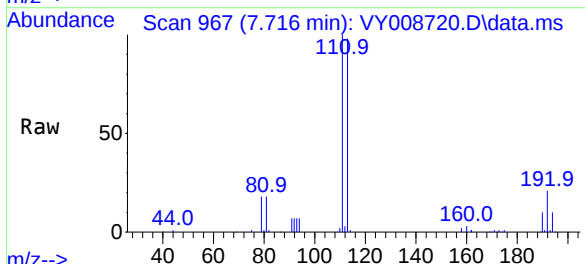
Tgt Ion:113 Resp: 102512

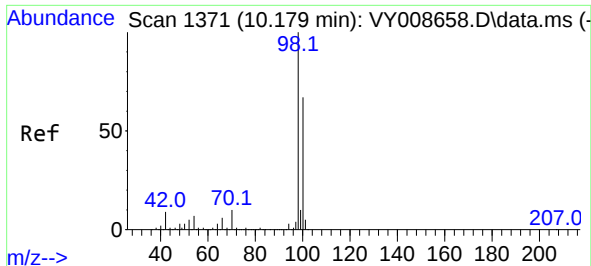
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.4 17.6 26.4

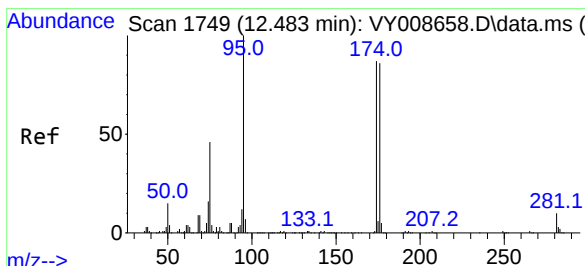
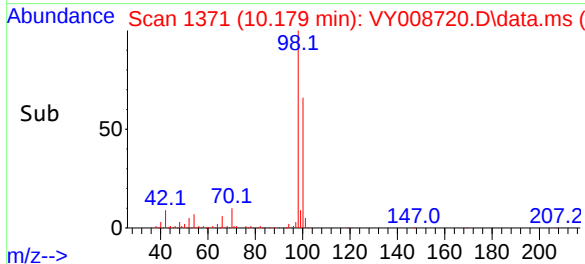
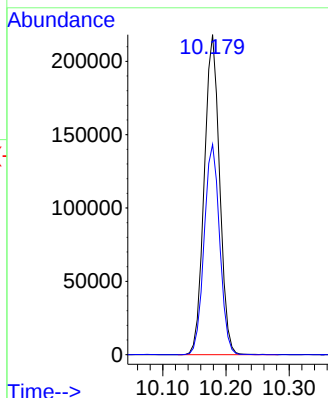
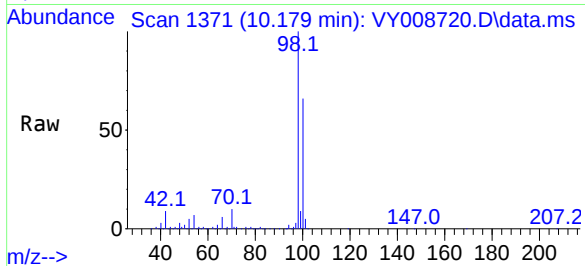




#50
Toluene-d8
Concen: 52.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

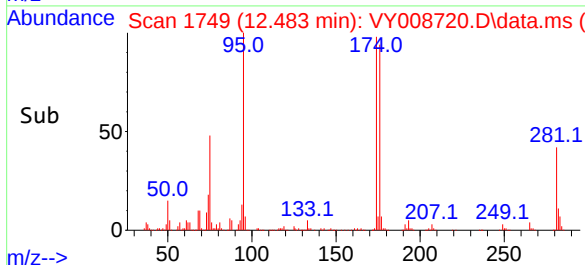
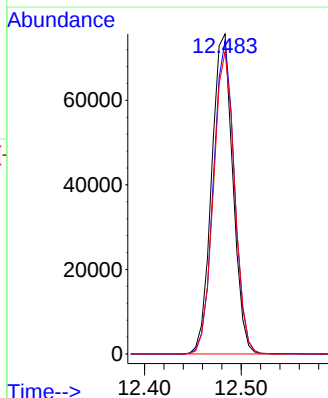
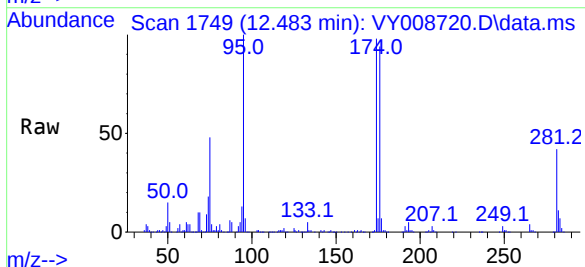
Instrument :
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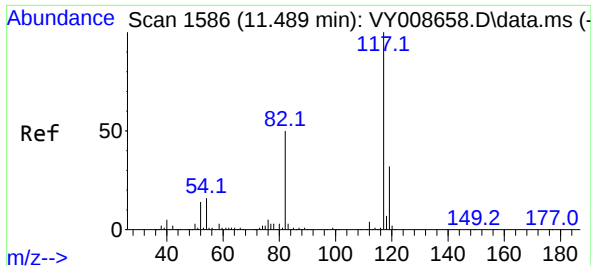
Tgt Ion: 98 Resp: 368371
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion: 95 Resp: 115372
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 94.1 0.0 175.8

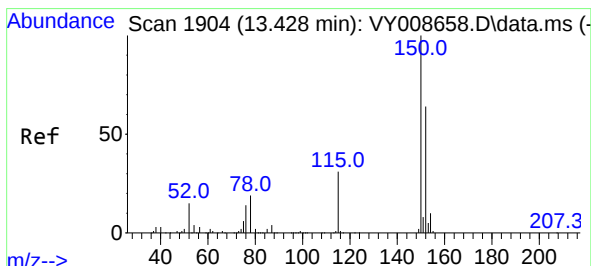
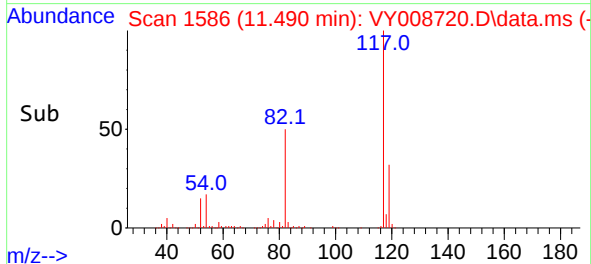
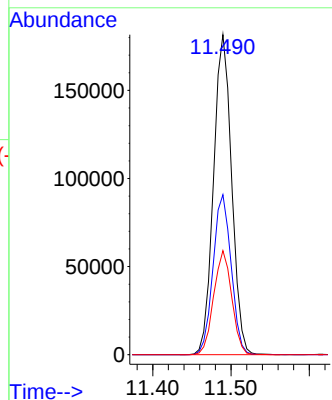
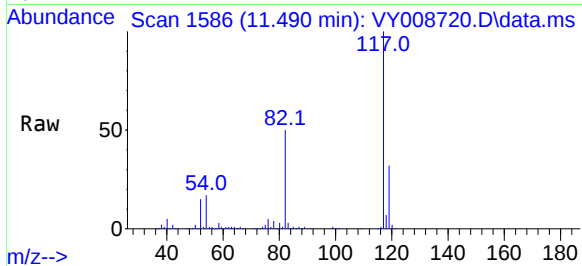




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008720.D
Acq: 11 May 2022 20:21

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-0006-01

Tgt Ion:117 Resp: 291904
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.5 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: VY008720.D
Acq: 11 May 2022 20:21

Tgt Ion:152 Resp: 133978
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.8 0.0 347.6

