

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008295.D
 Acq On : 12 Apr 2022 18:06
 Operator : KP/MD
 Sample : N2364-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-14.5-15.0

Quant Time: Apr 13 08:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68739	61.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.020%
35) Dibromofluoromethane	7.716	113	68797	54.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.720%
50) Toluene-d8	10.179	98	268197	61.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.880%
62) 4-Bromofluorobenzene	12.483	95	92283	56.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.320%

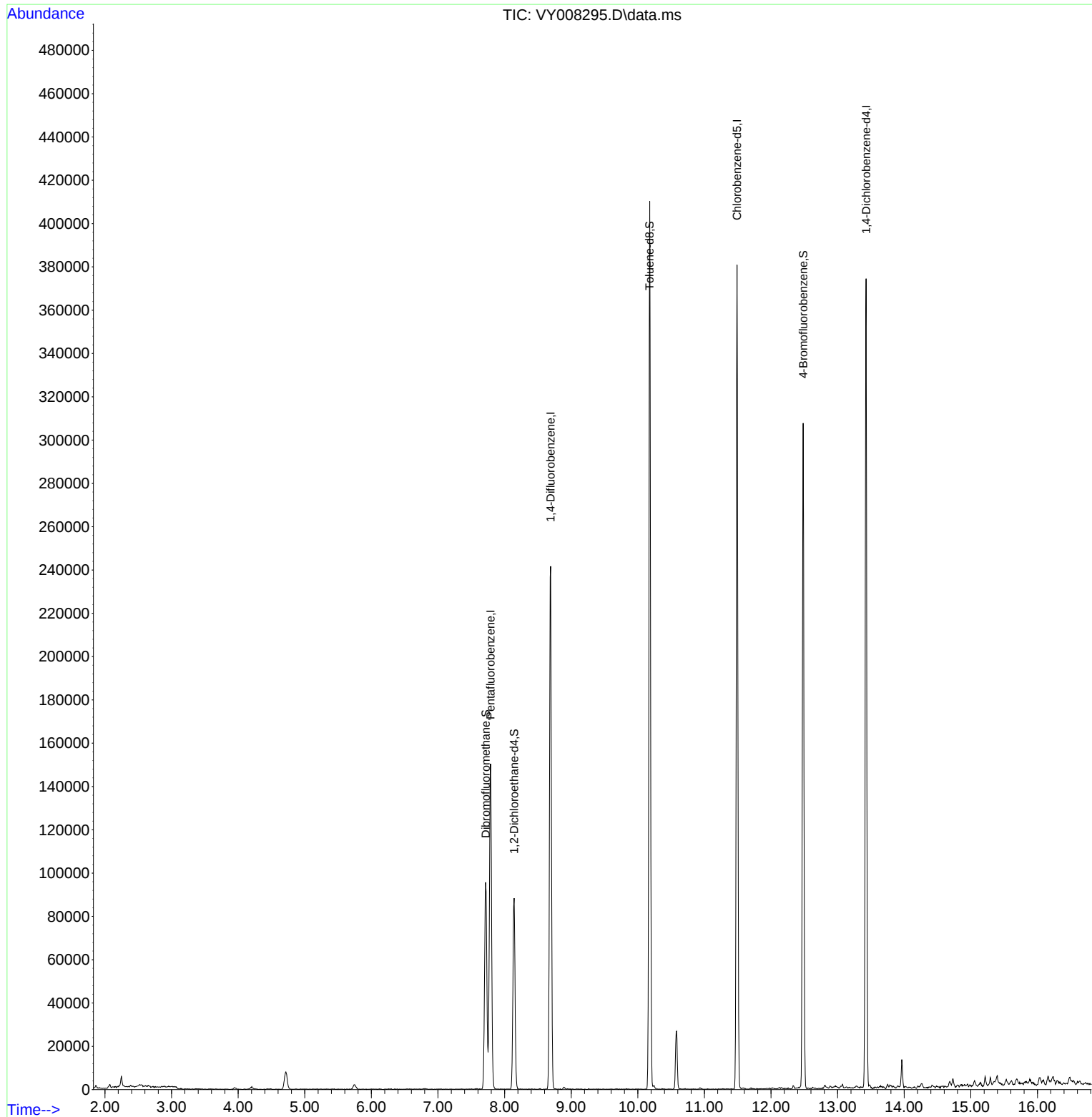
Target Compounds	Qvalue

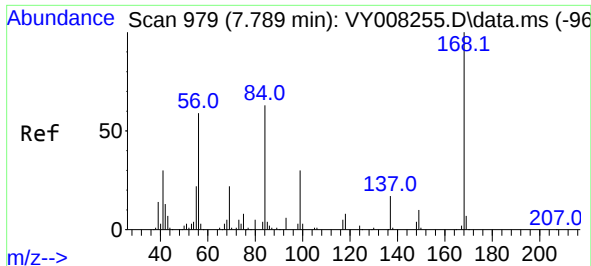
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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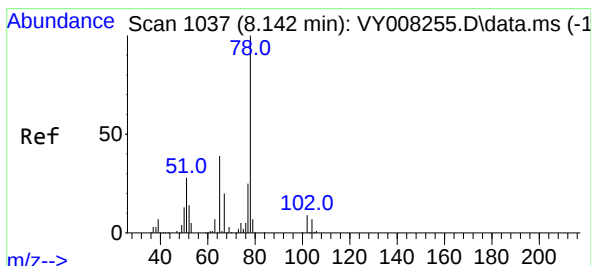
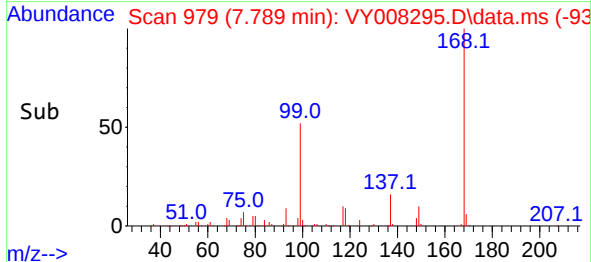
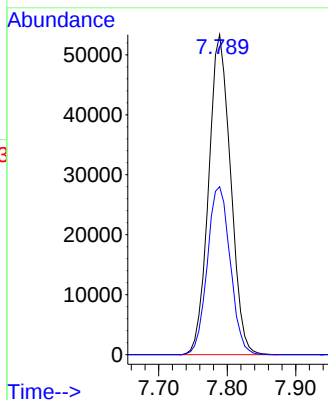
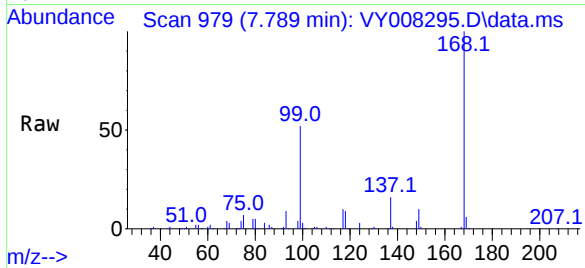




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

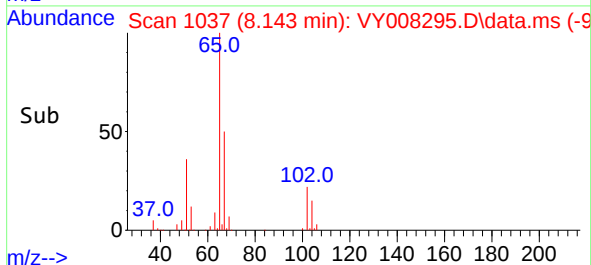
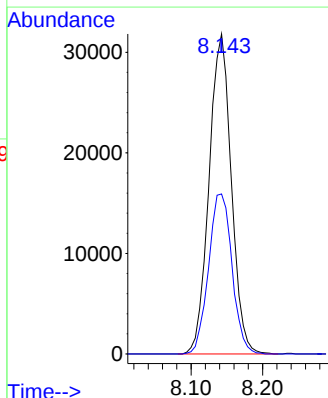
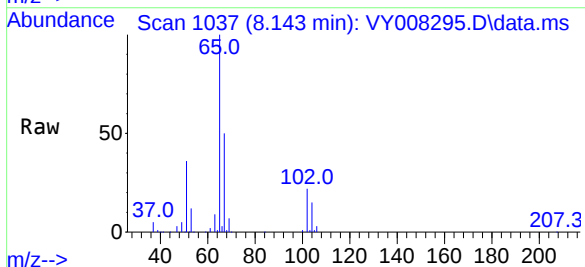
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

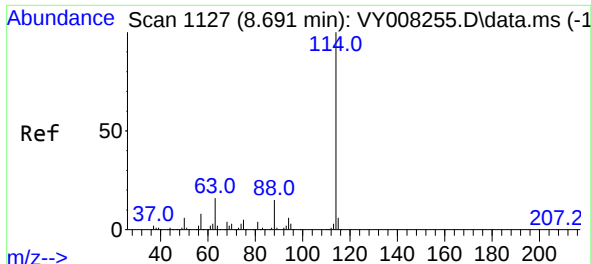
Tgt Ion:168 Resp: 118971
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.510 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 65 Resp: 68739
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008295.D

Acq: 12 Apr 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-14.5-15.0

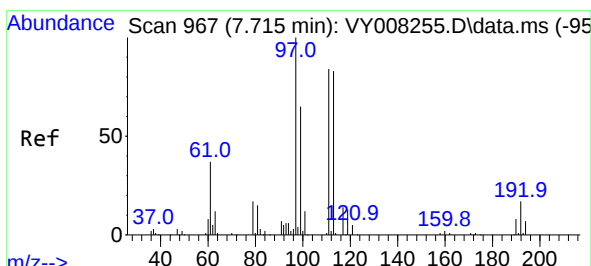
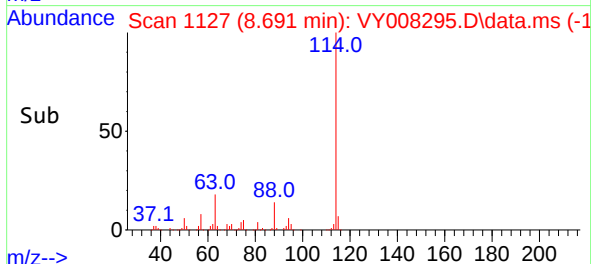
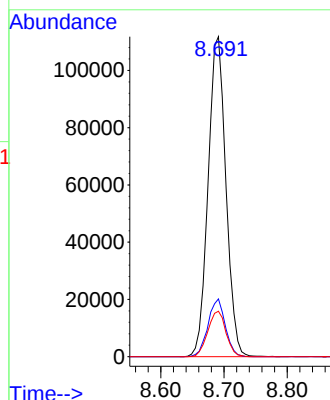
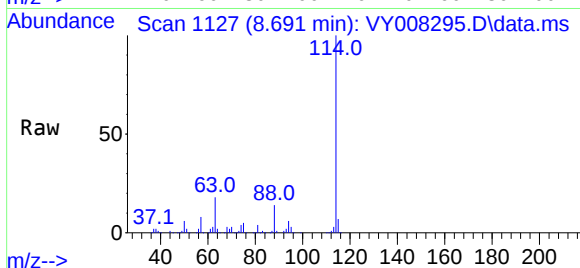
Tgt Ion:114 Resp: 219097

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.365 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008295.D

Acq: 12 Apr 2022 18:06

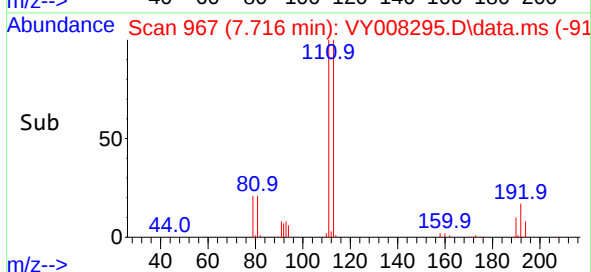
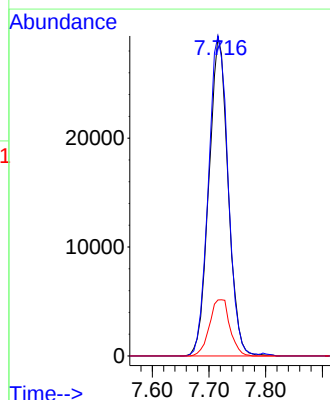
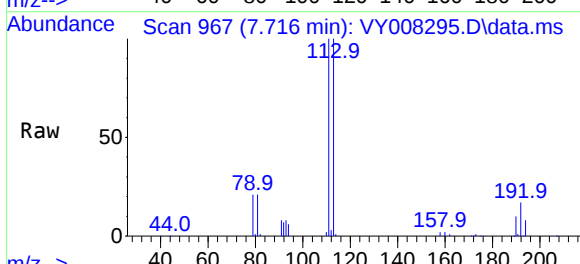
Tgt Ion:113 Resp: 68797

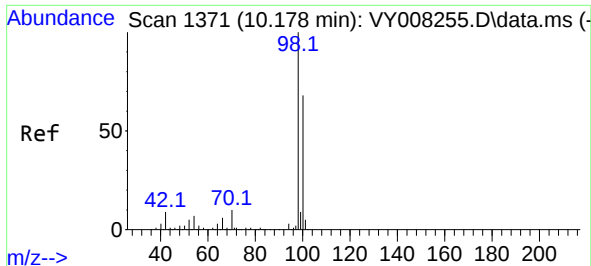
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.7 17.6 26.4

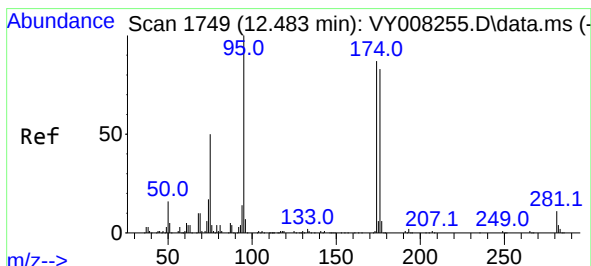
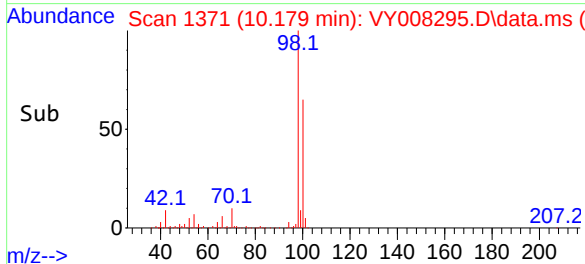
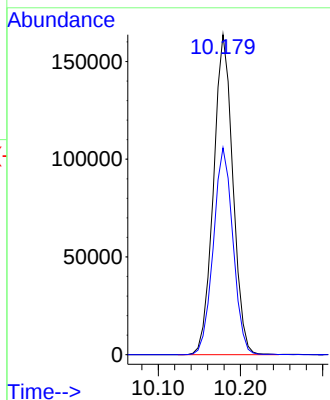
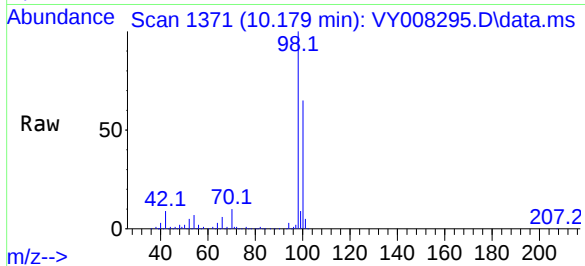




#50
Toluene-d8
Concen: 61.937 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

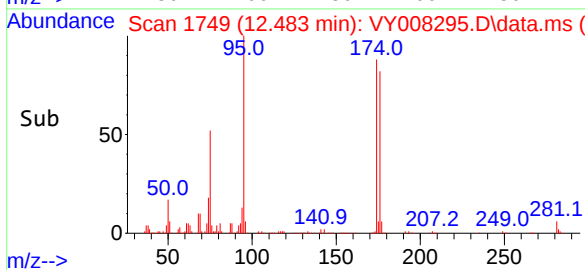
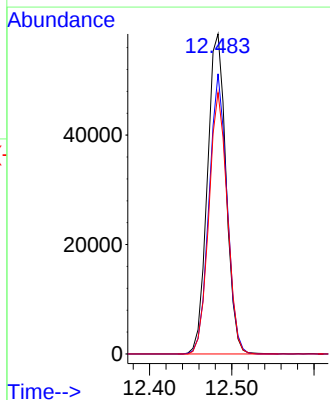
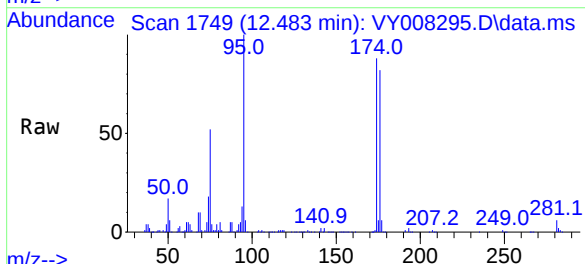
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

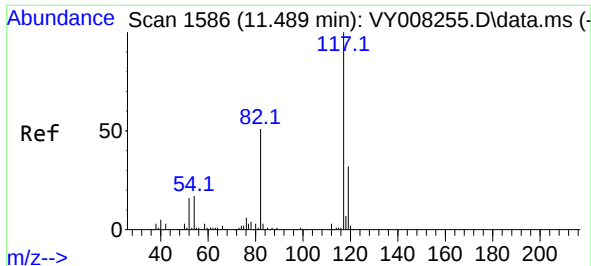
Tgt Ion: 98 Resp: 268197
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 95 Resp: 92283
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.1 0.0 175.8

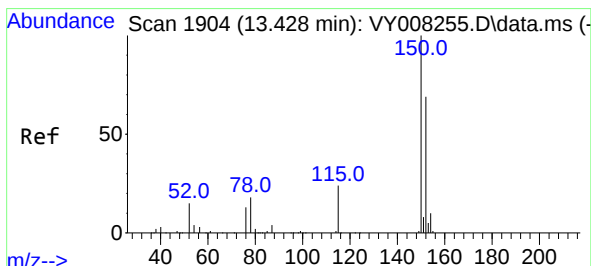
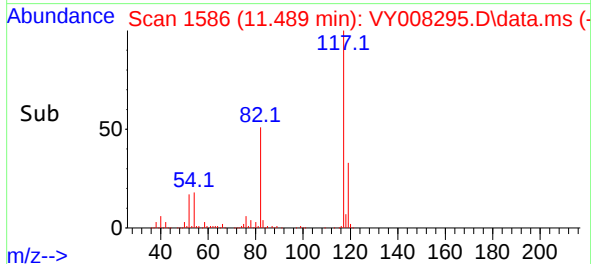
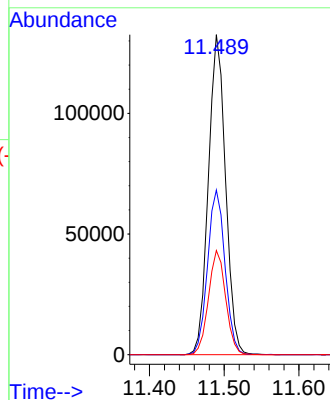
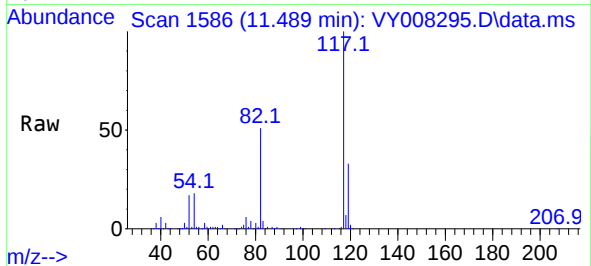




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

Tgt Ion:117 Resp: 211338
Ion Ratio Lower Upper
117 100
82 51.4 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: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion:152 Resp: 95990
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.4 0.0 347.6

