

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007416.D
 Acq On : 07 Feb 2022 16:29
 Operator : SY/MD
 Sample : N1421-01
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Feb 08 00:39:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	108216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	68503	55.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.722	113	66243	51.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.184	98	246154	51.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.483	95	89034	54.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.760%	

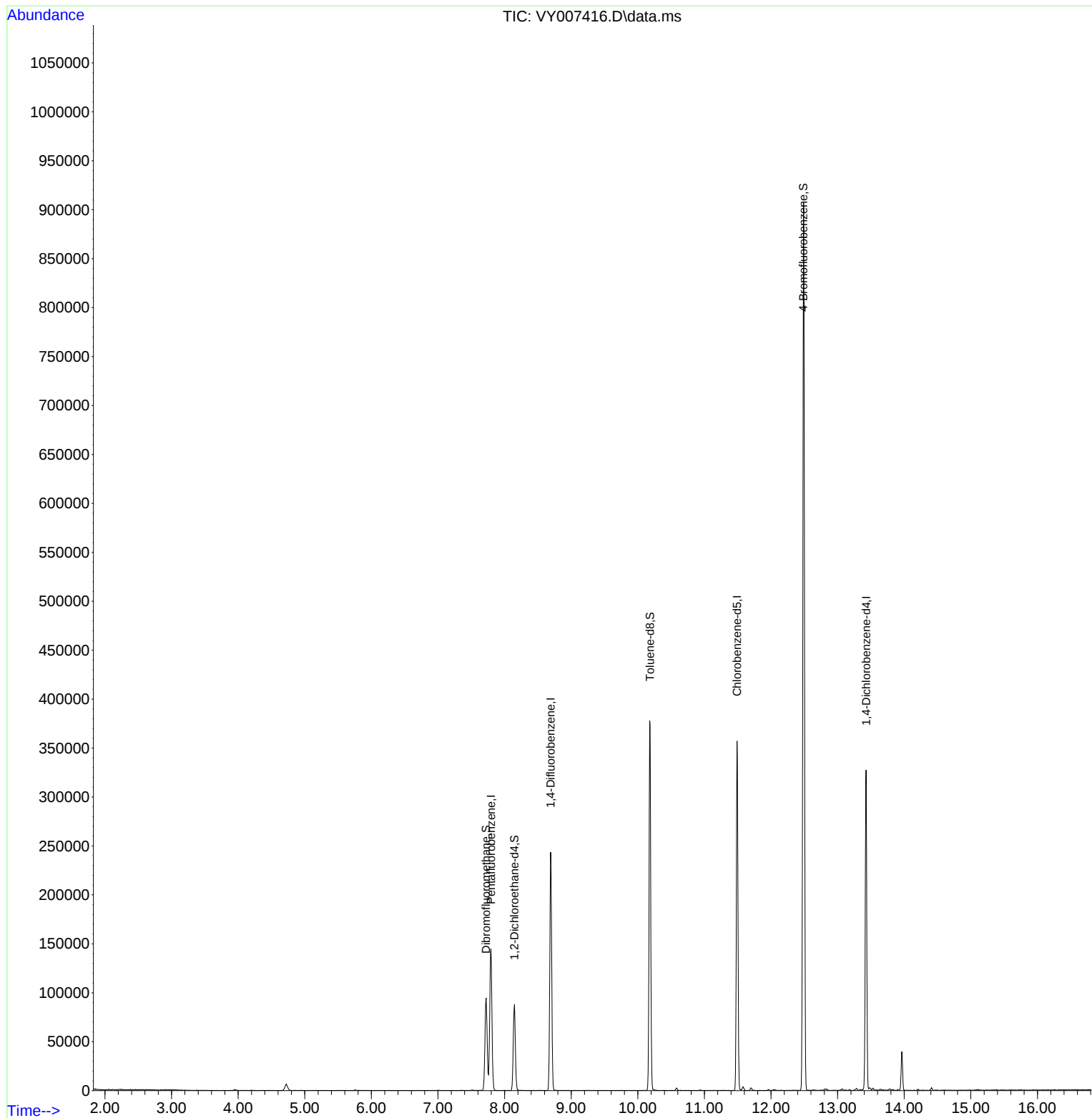
Target Compounds	Qvalue

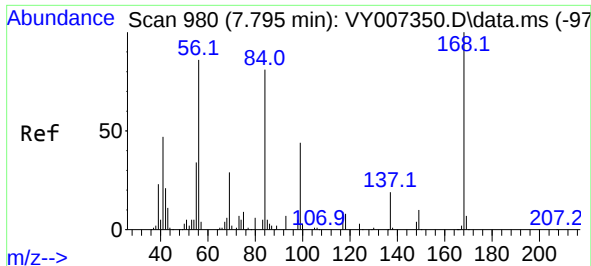
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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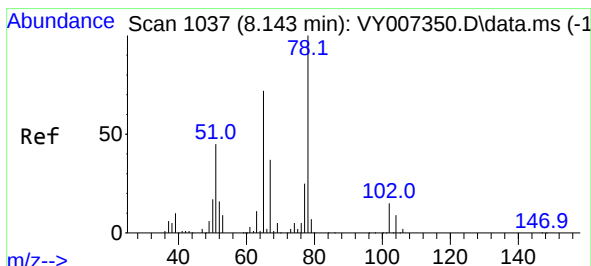
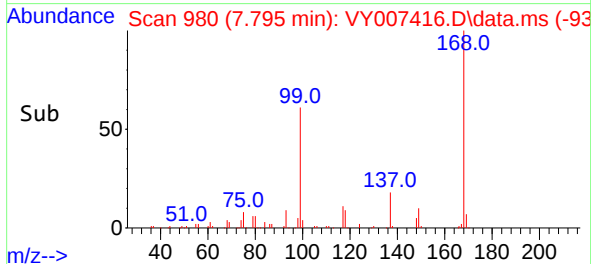
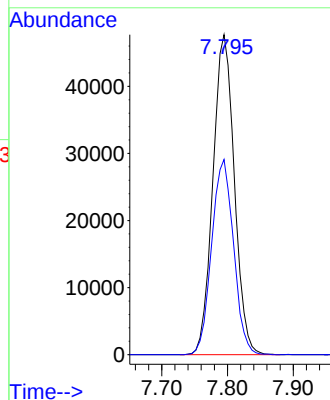
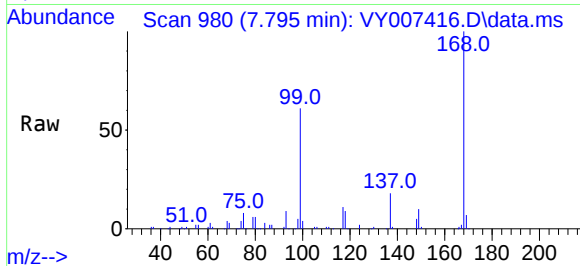




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

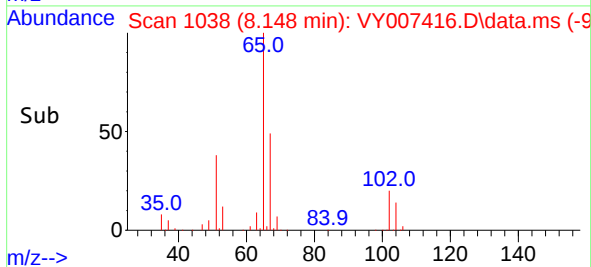
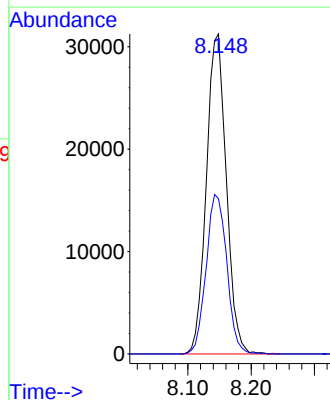
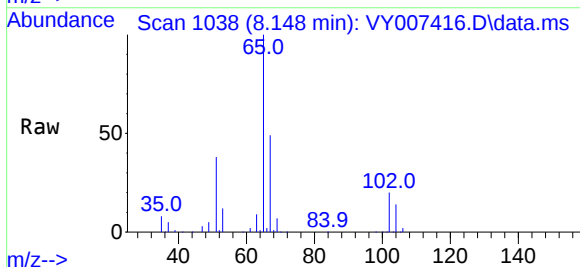
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

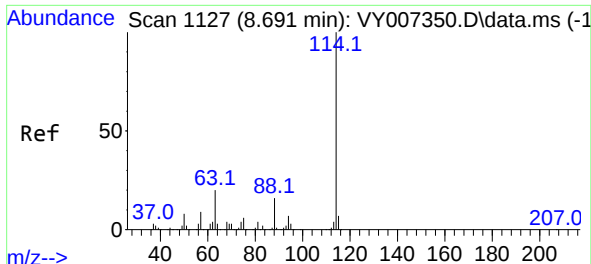
Tgt Ion:168 Resp: 108216
Ion Ratio Lower Upper
168 100
99 61.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.034 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

Tgt Ion: 65 Resp: 68503
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007416.D

Acq: 07 Feb 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

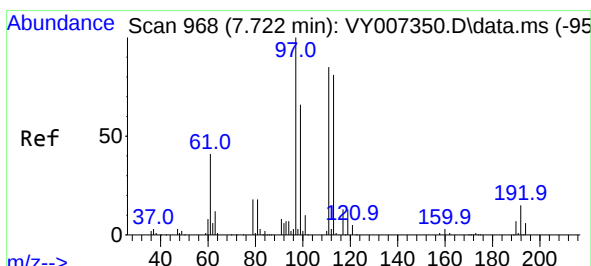
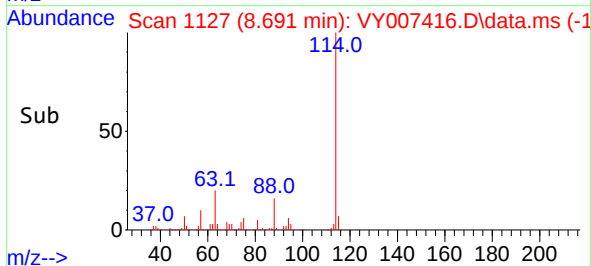
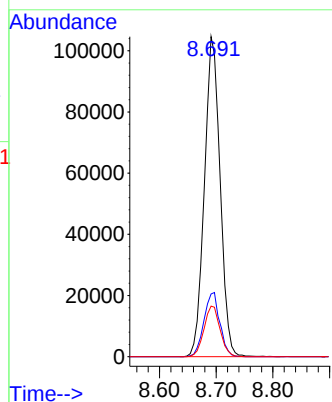
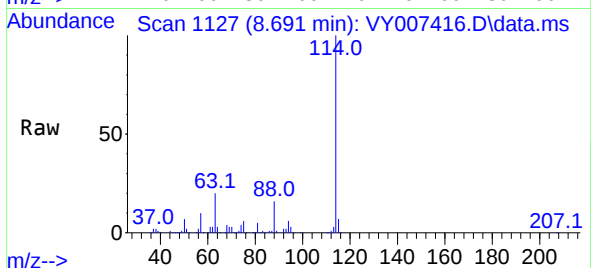
Tgt Ion:114 Resp: 201180

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.278 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007416.D

Acq: 07 Feb 2022 16:29

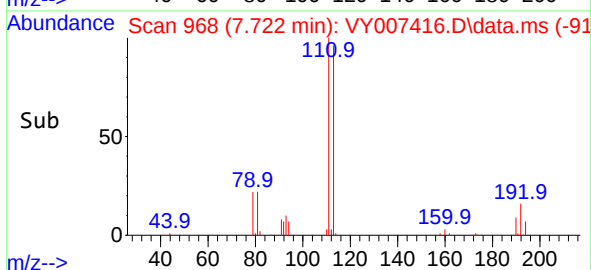
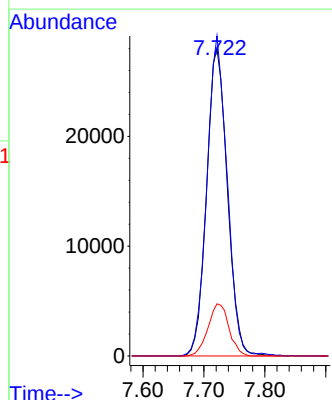
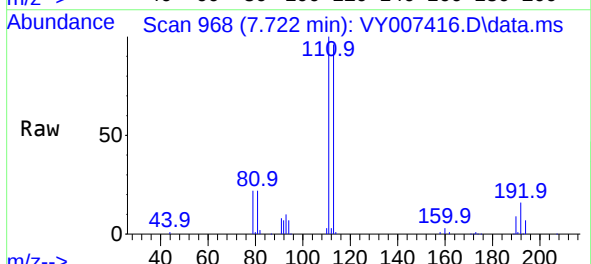
Tgt Ion:113 Resp: 66243

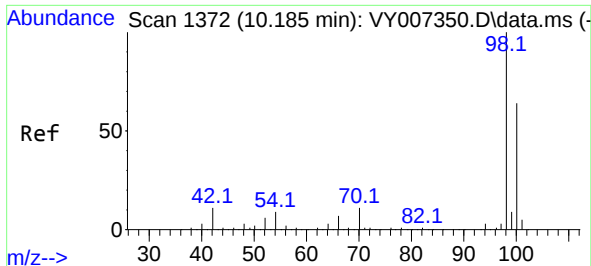
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 17.1 17.6 26.4#

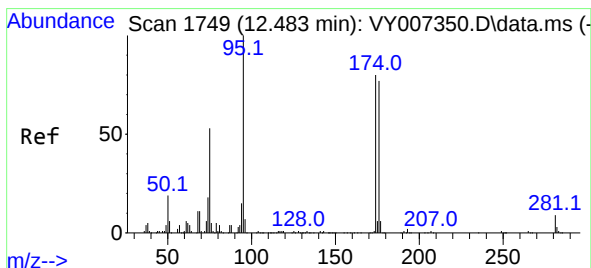
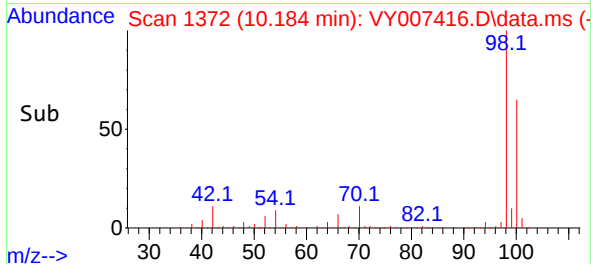
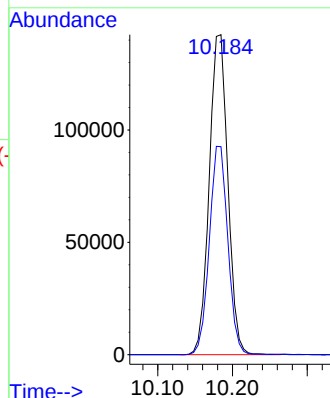
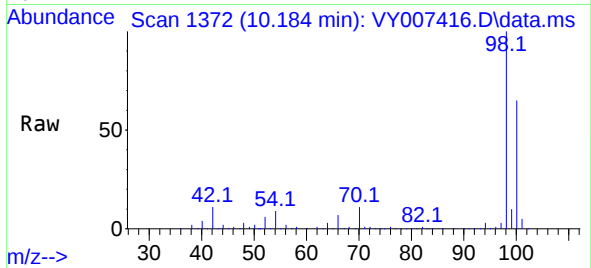




#50
Toluene-d8
Concen: 51.575 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

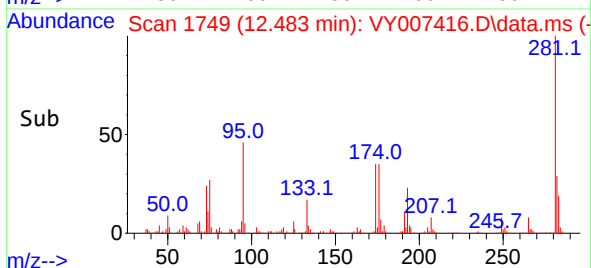
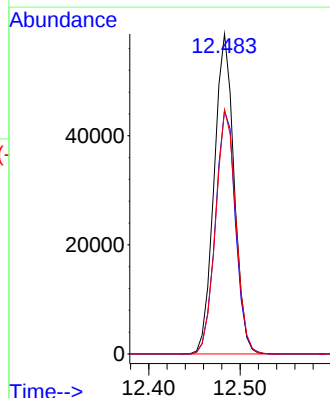
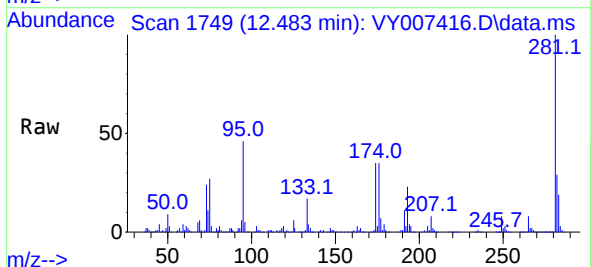
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

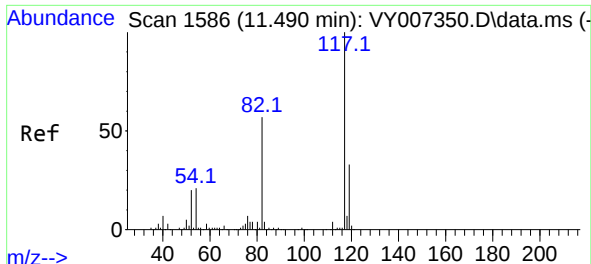
Tgt Ion: 98 Resp: 246154
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

Tgt Ion: 95 Resp: 89034
Ion Ratio Lower Upper
95 100
174 76.8 0.0 177.0
176 77.3 0.0 175.8

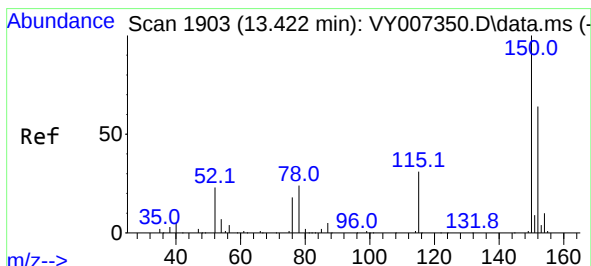
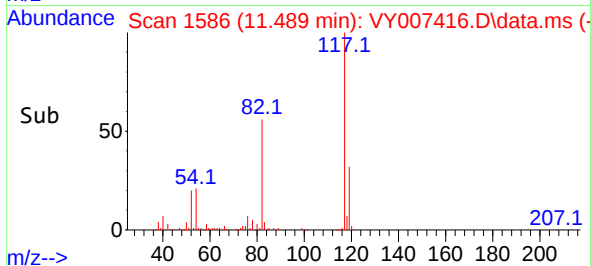
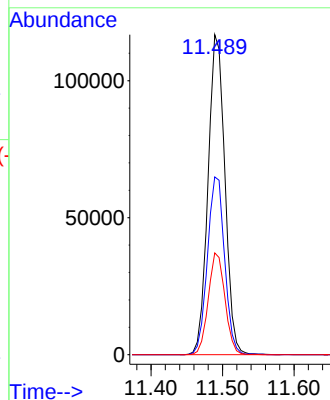
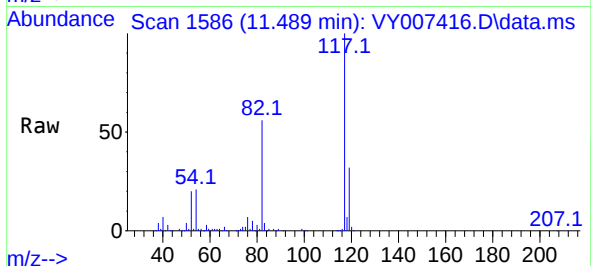




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 191337
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007416.D
Acq: 07 Feb 2022 16:29

Tgt Ion:152 Resp: 79995
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 160.4 0.0 347.6

