

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008416.D
 Acq On : 20 Apr 2022 14:21
 Operator : KP/MD
 Sample : N2451-02
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7085

Quant Time: Apr 21 02:38:54 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	99034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56254	60.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.940%
35) Dibromofluoromethane	7.716	113	55834	54.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.179	98	216367	61.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.200%
62) 4-Bromofluorobenzene	12.483	95	79267	60.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.000%

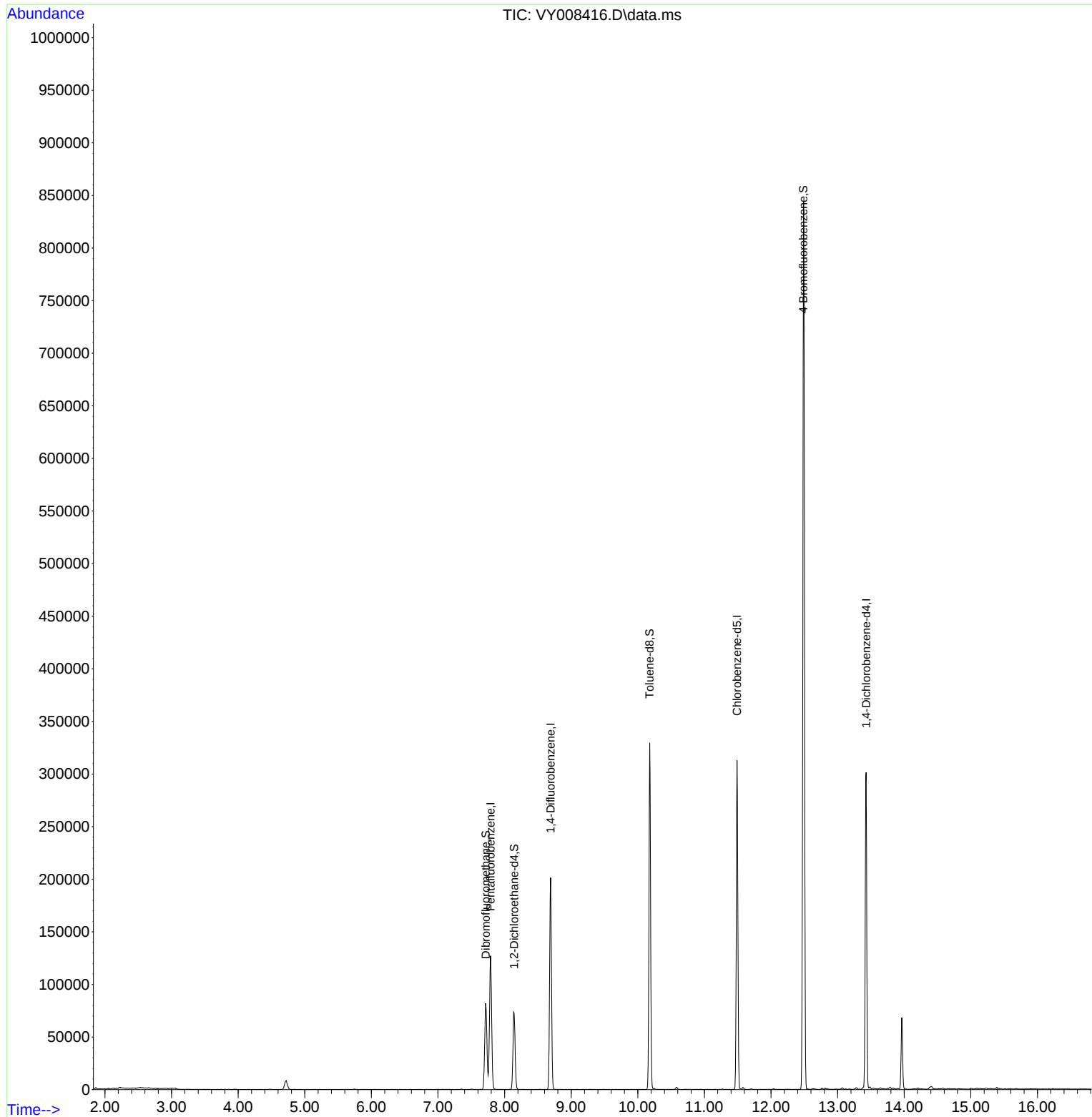
Target Compounds	Qvalue

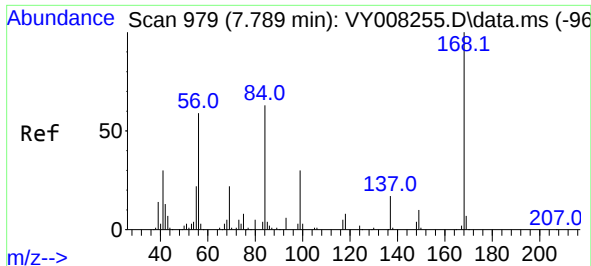
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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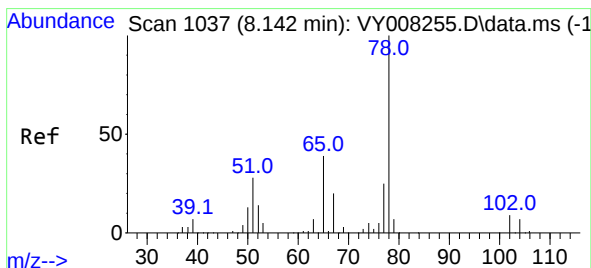
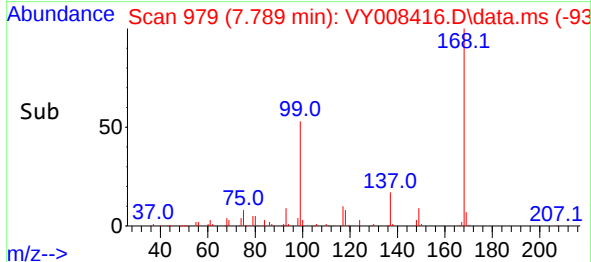
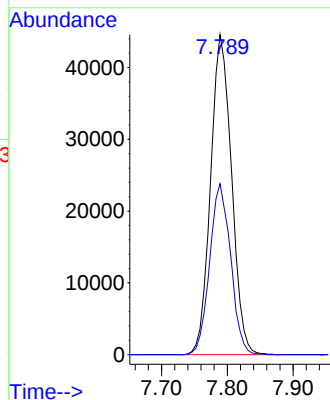
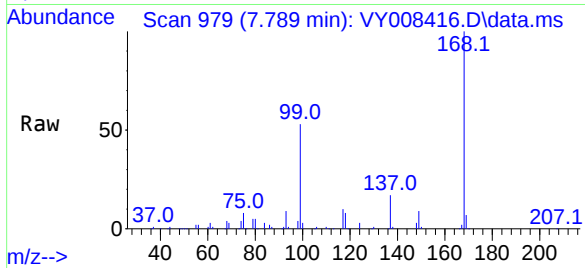




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

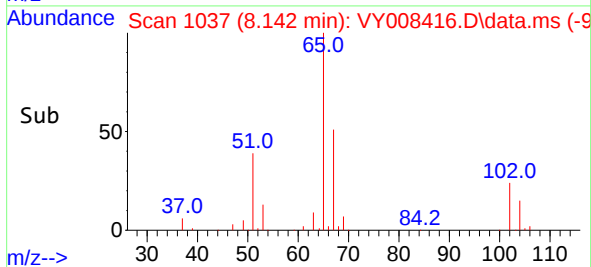
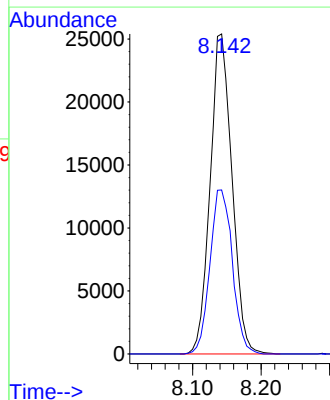
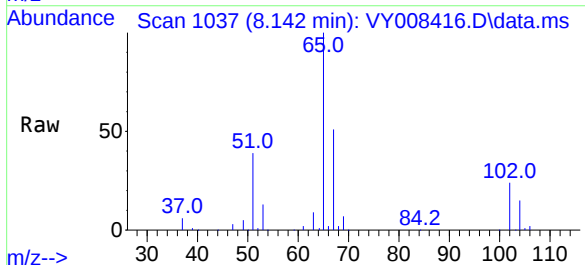
Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

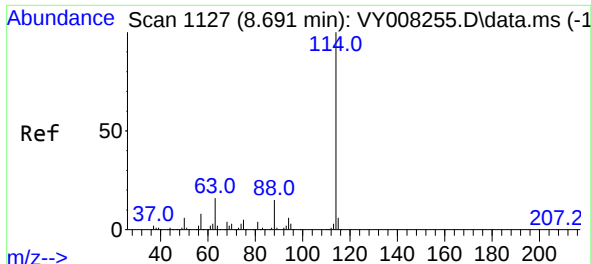
Tgt Ion:168 Resp: 99034
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.472 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 65 Resp: 56254
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008416.D

Acq: 20 Apr 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-7085

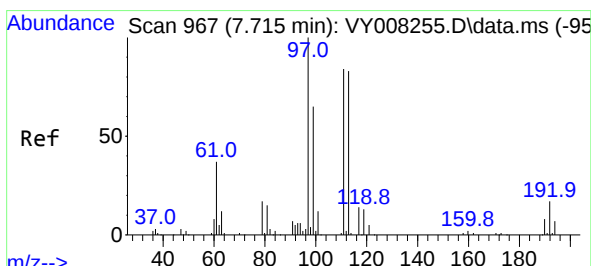
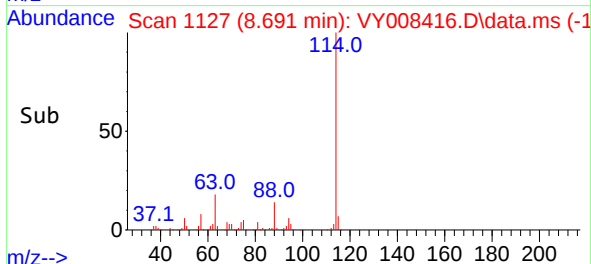
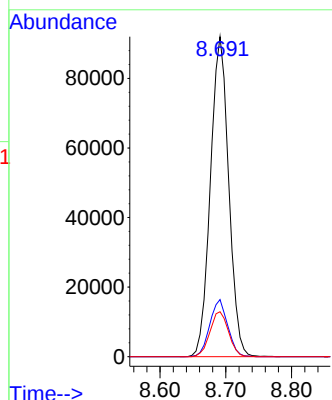
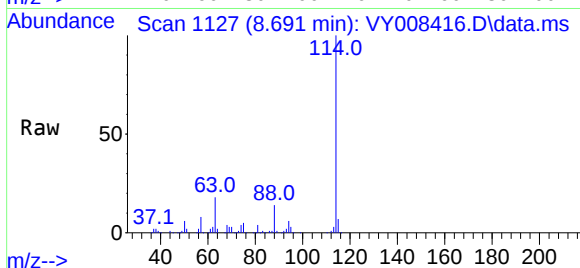
Tgt Ion:114 Resp: 177716

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.395 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008416.D

Acq: 20 Apr 2022 14:21

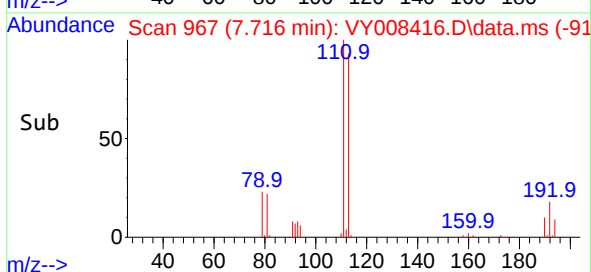
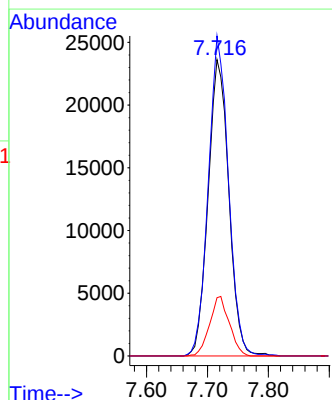
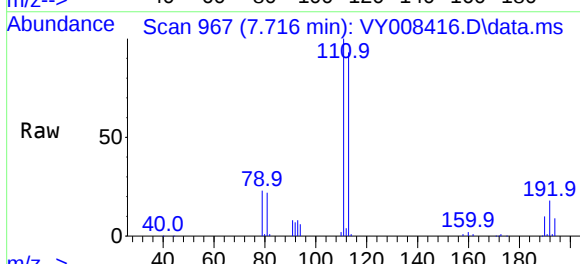
Tgt Ion:113 Resp: 55834

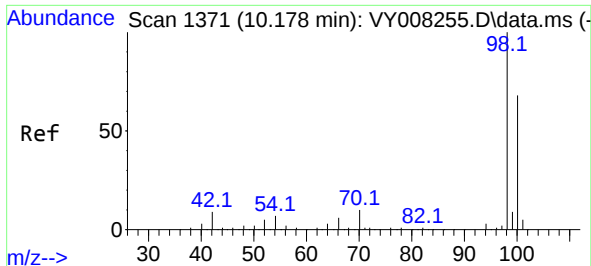
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 19.0 17.6 26.4

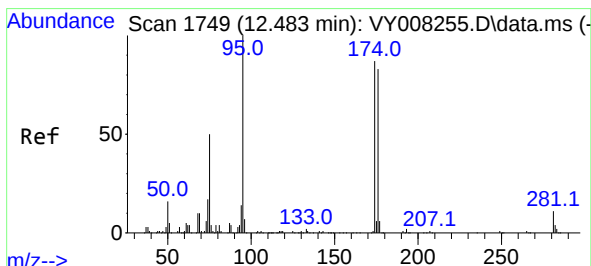
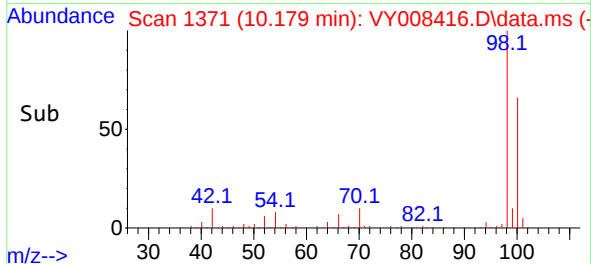
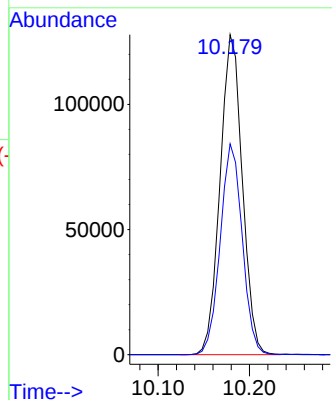
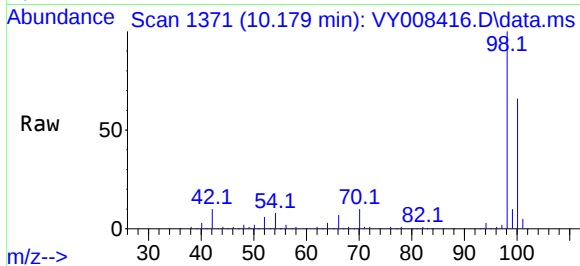




#50
Toluene-d8
Concen: 61.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

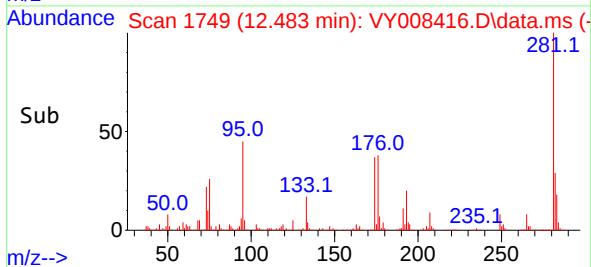
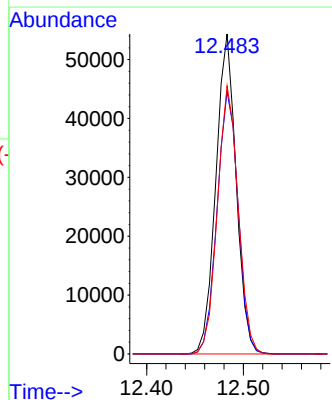
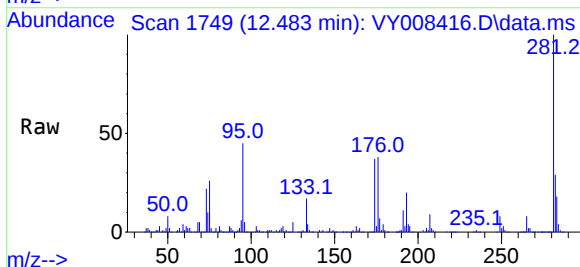
Instrument :
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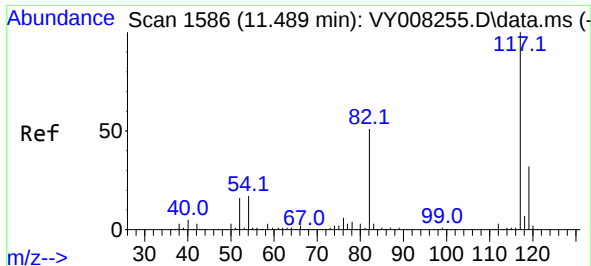
Tgt Ion: 98 Resp: 216367
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 60.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 95 Resp: 79267
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 85.6 0.0 175.8

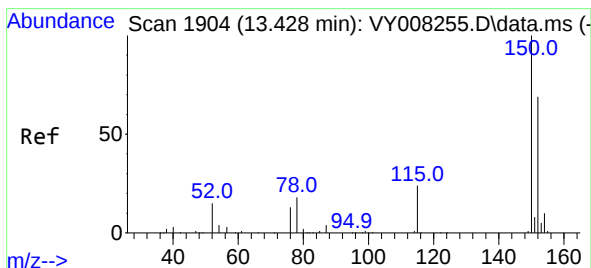
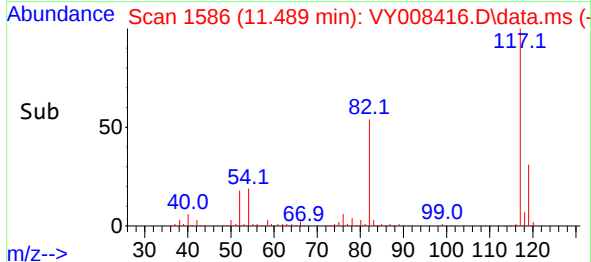
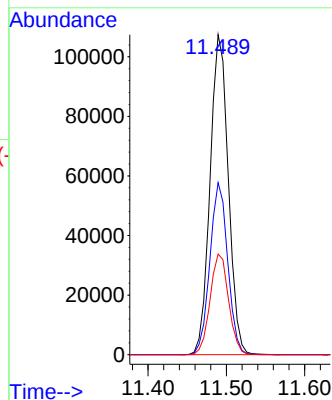
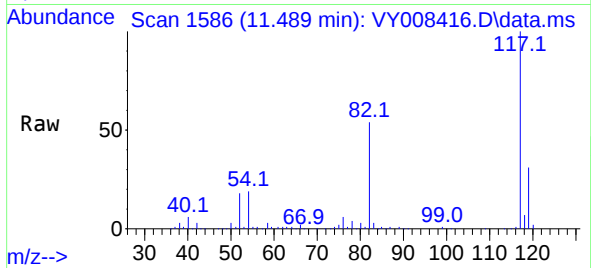




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

Tgt Ion:117 Resp: 173373
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.5 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: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion:152 Resp: 78416
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.6 0.0 347.6

