

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008886.D
 Acq On : 19 May 2022 23:31
 Operator : KP/MD
 Sample : VY0519SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL02

Quant Time: May 20 02:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92446	65.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.420%
35) Dibromofluoromethane	7.716	113	83748	53.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.179	98	336256	48.233	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.483	95	95675	39.173	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.340%

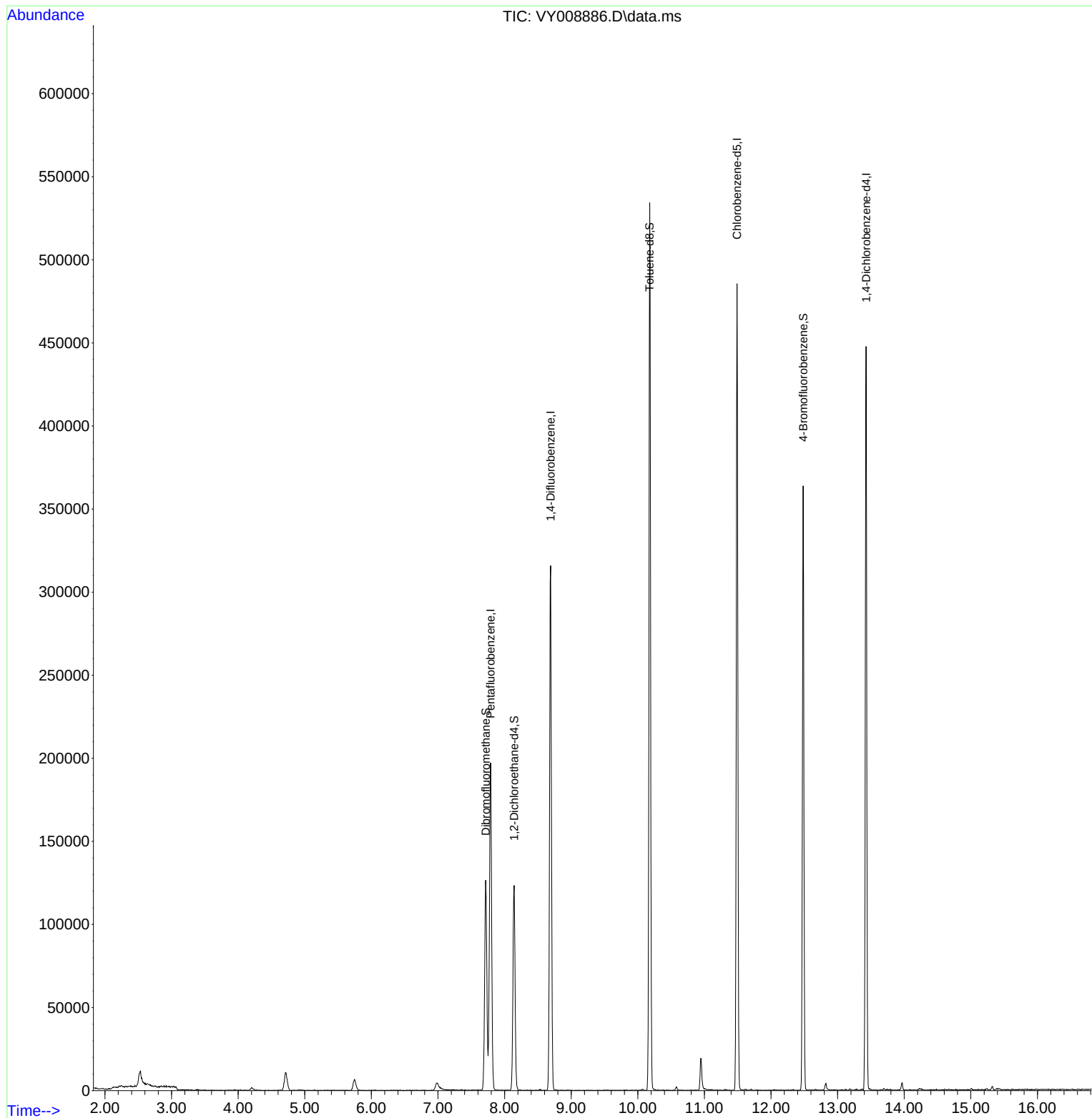
Target Compounds	Qvalue

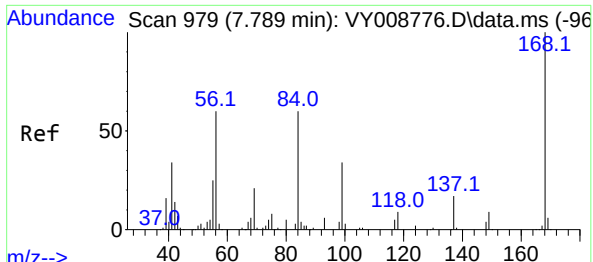
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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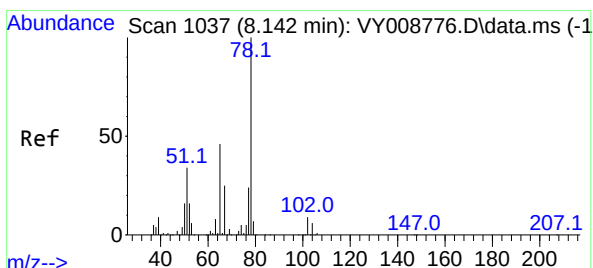
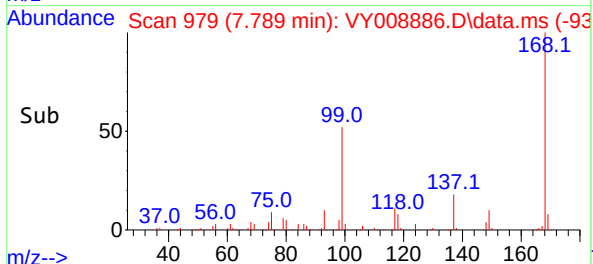
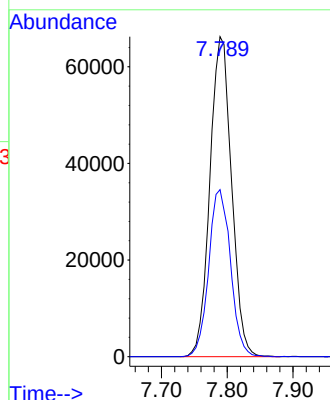
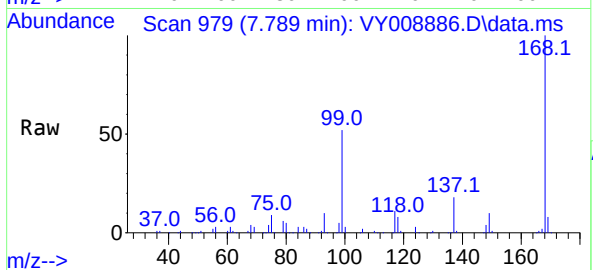




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

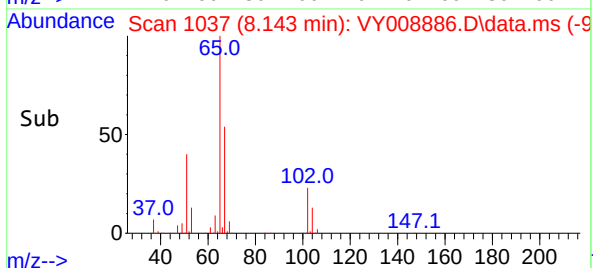
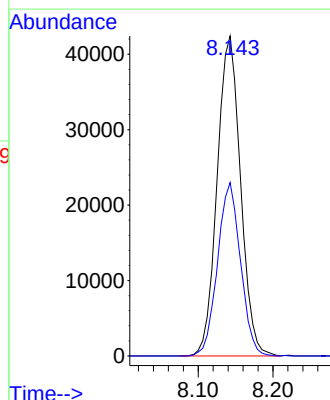
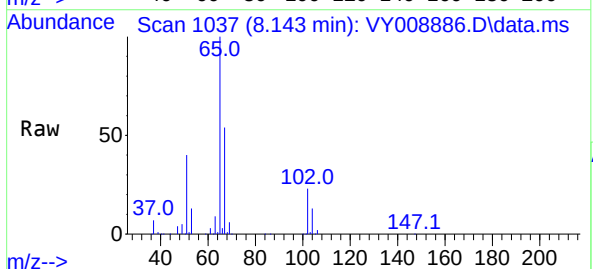
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

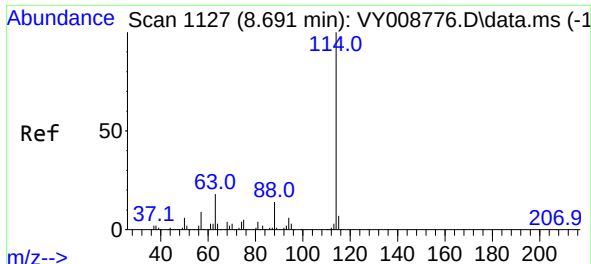
Tgt Ion:168 Resp: 151648
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.711 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 65 Resp: 92446
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008886.D

Acq: 19 May 2022 23:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL02

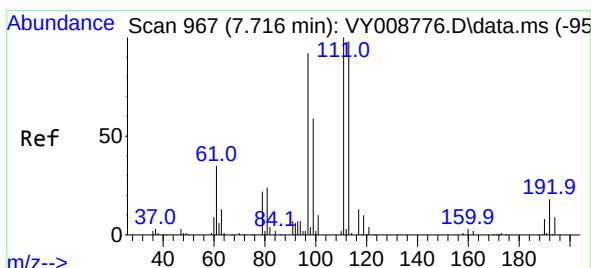
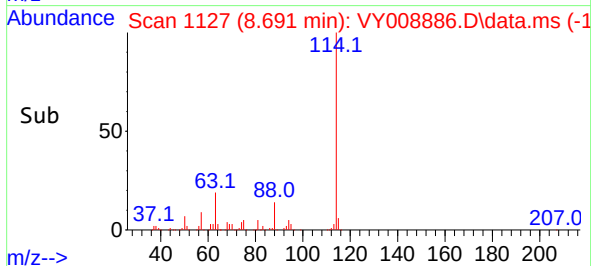
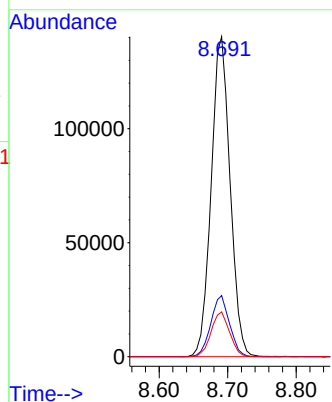
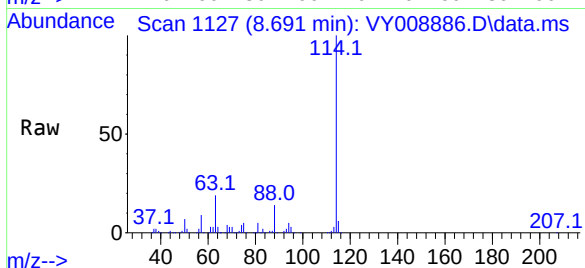
Tgt Ion:114 Resp: 269100

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.265 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008886.D

Acq: 19 May 2022 23:31

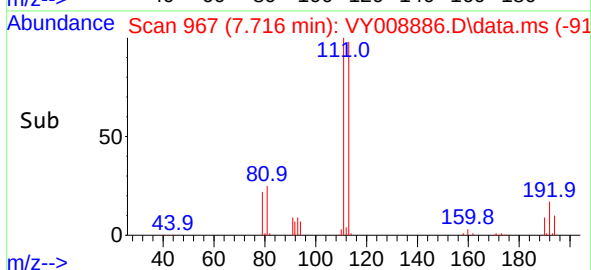
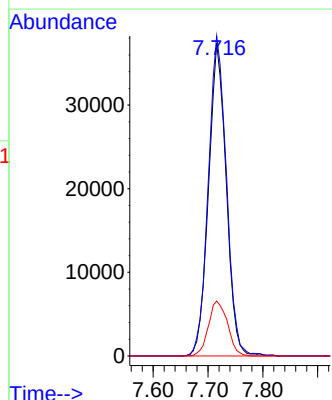
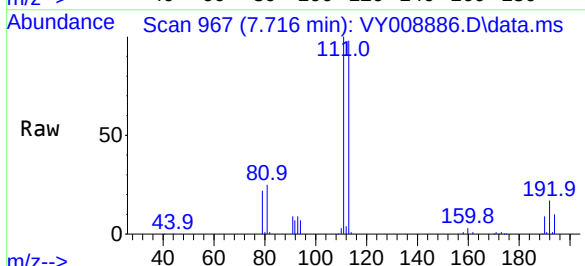
Tgt Ion:113 Resp: 83748

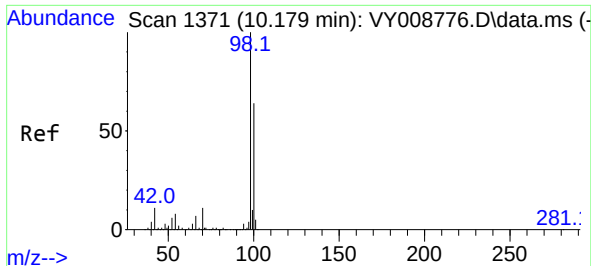
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 18.9 17.6 26.4

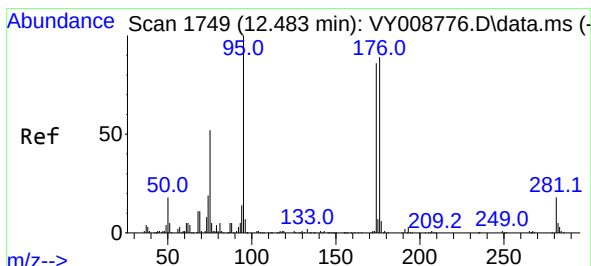
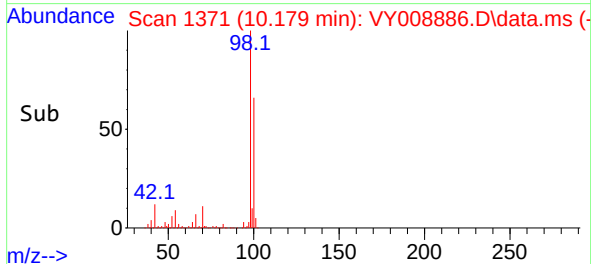
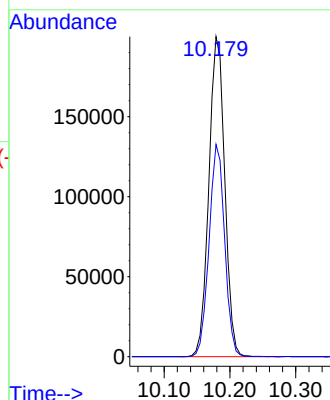
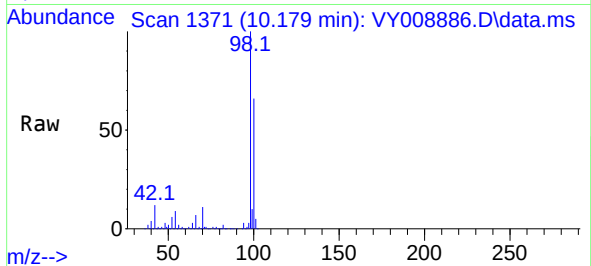




#50
Toluene-d8
Concen: 48.233 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

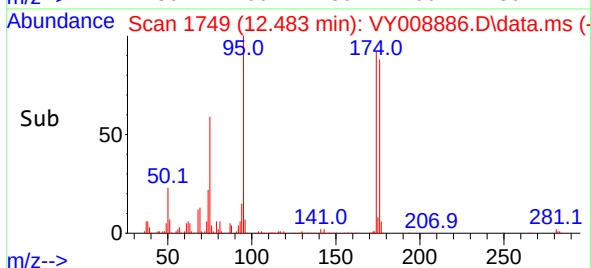
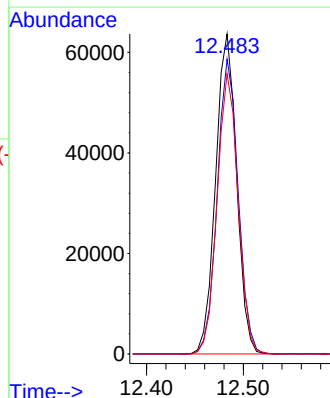
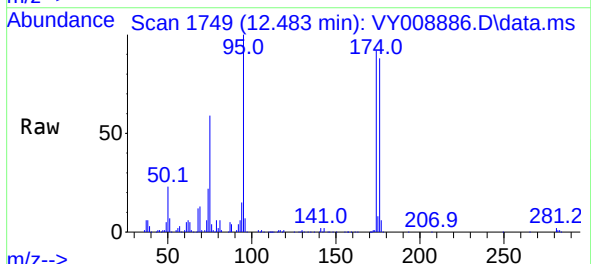
Instrument :
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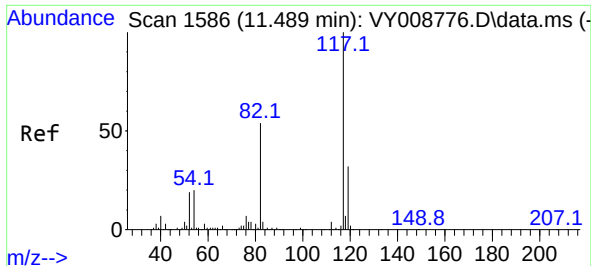
Tgt Ion: 98 Resp: 336256
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 95 Resp: 95675
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.6 0.0 175.8

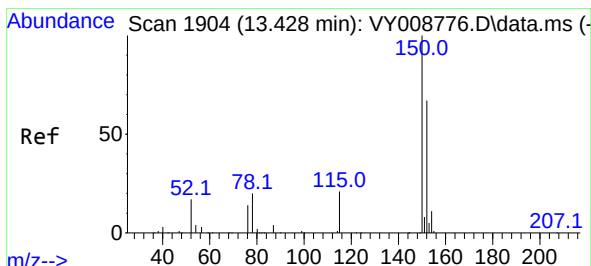
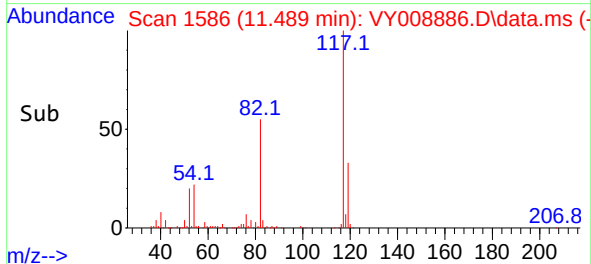
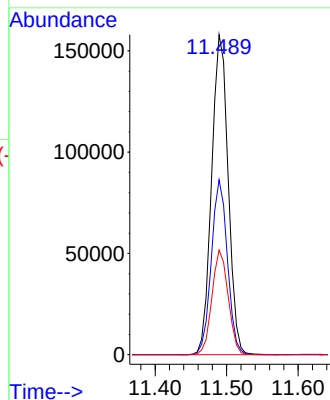
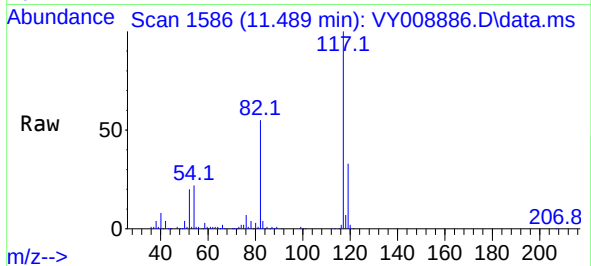




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

Tgt Ion:117 Resp: 253625
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.7 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: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion:152 Resp: 106345
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.6 0.0 347.6

