

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008598.D
 Acq On : 03 May 2022 17:39
 Operator : KP/MD
 Sample : N2618-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04

Quant Time: May 04 02:43:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67074	51.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.640%
35) Dibromofluoromethane	7.716	113	72786	48.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.179	98	270428	50.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.483	95	100754	51.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.560%

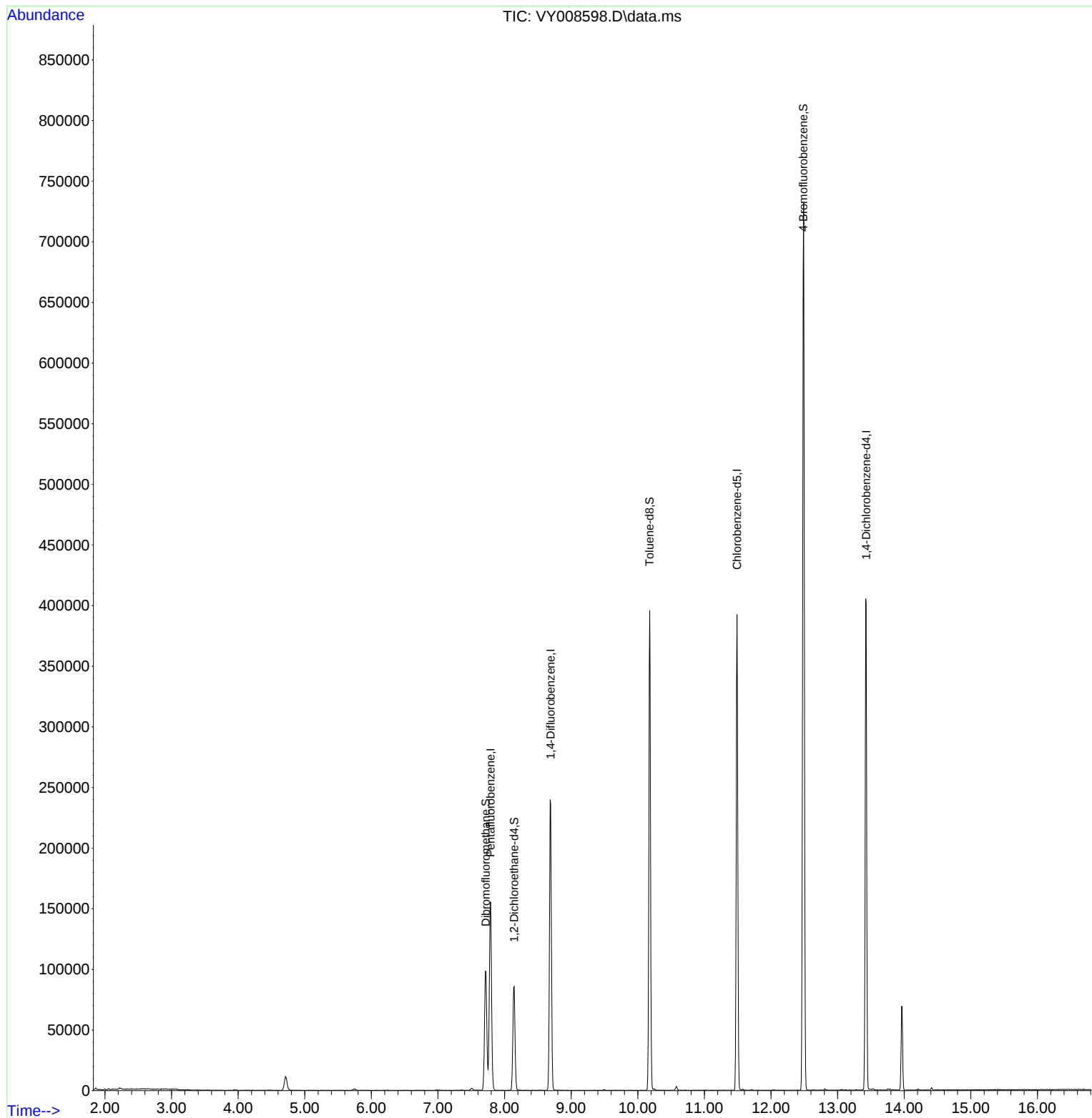
Target Compounds	Qvalue

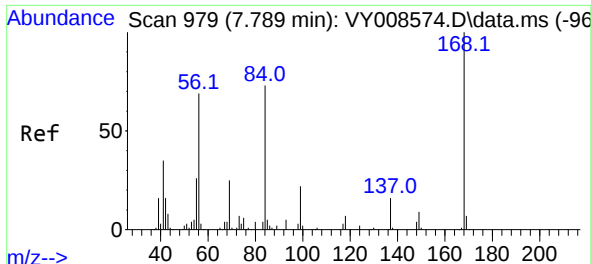
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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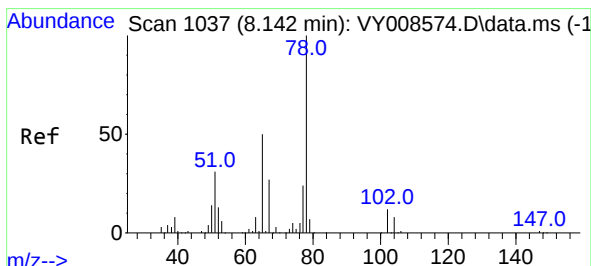
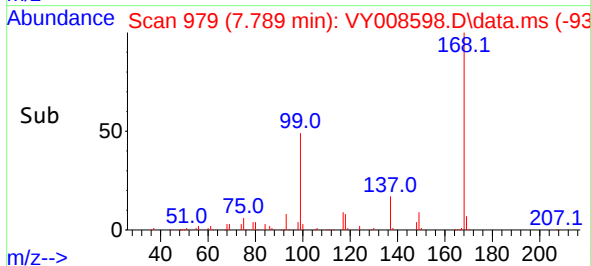
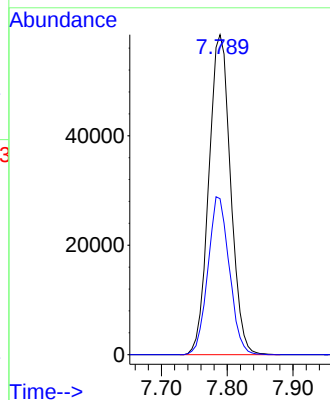
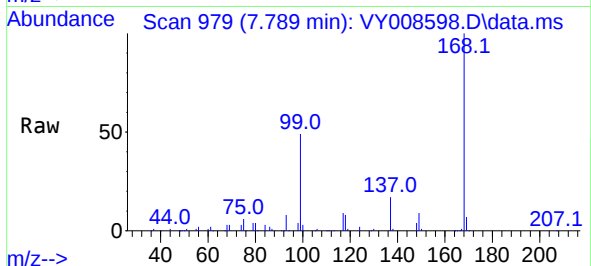




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

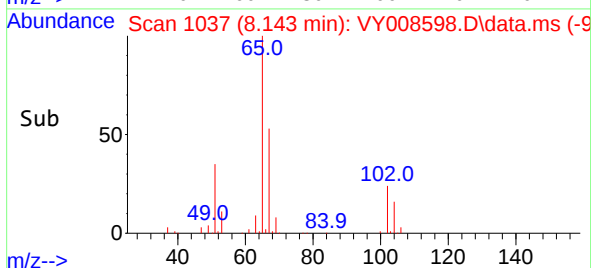
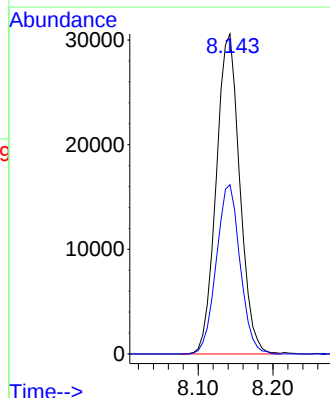
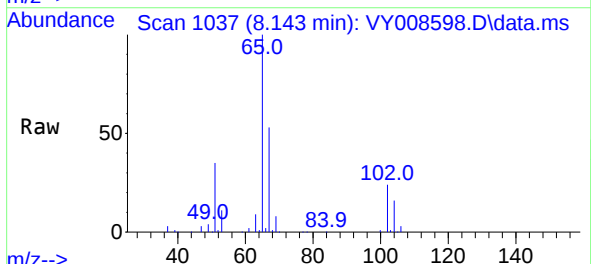
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

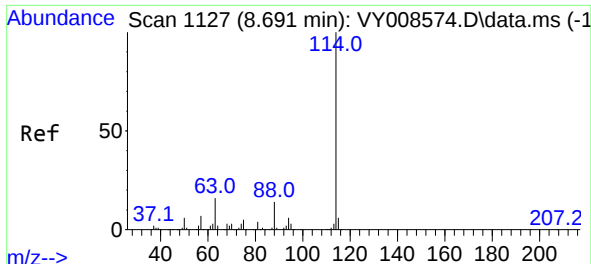
Tgt Ion:168 Resp: 134461
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 65 Resp: 67074
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008598.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-04

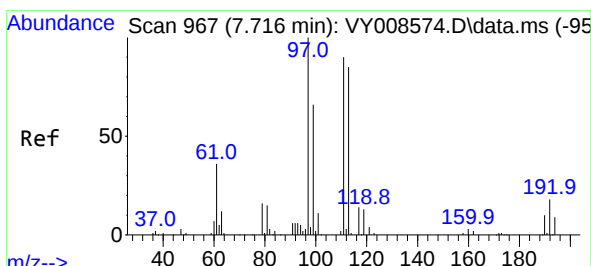
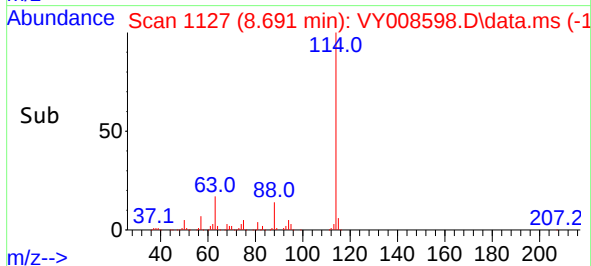
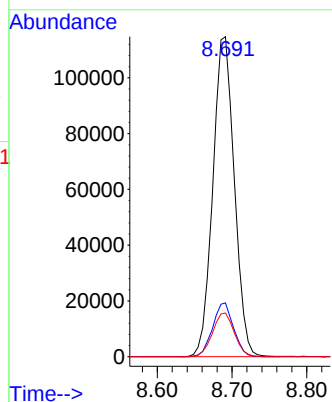
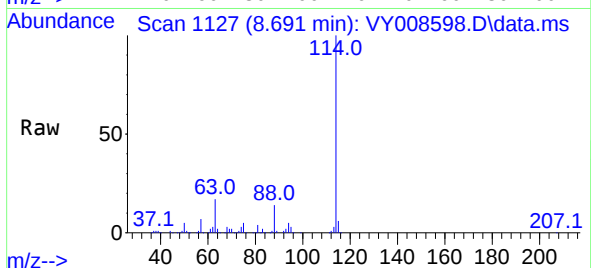
Tgt Ion:114 Resp: 228666

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.105 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008598.D

Acq: 03 May 2022 17:39

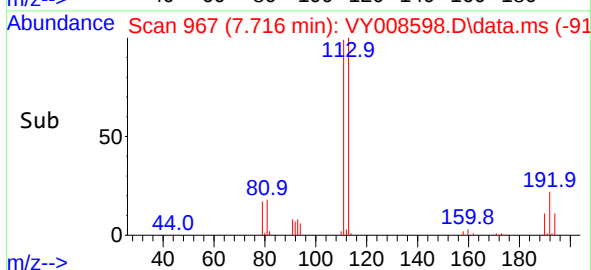
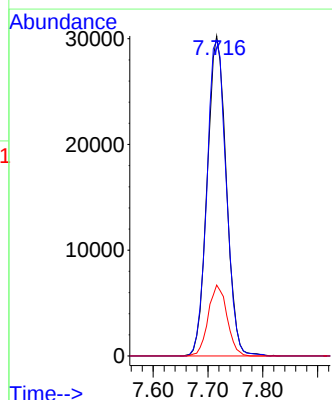
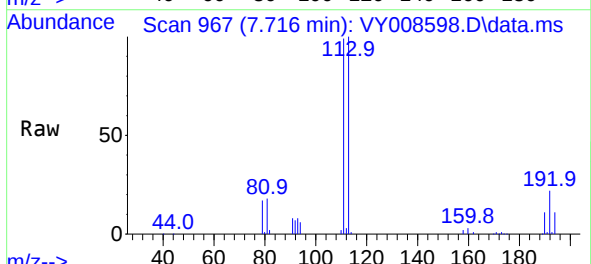
Tgt Ion:113 Resp: 72786

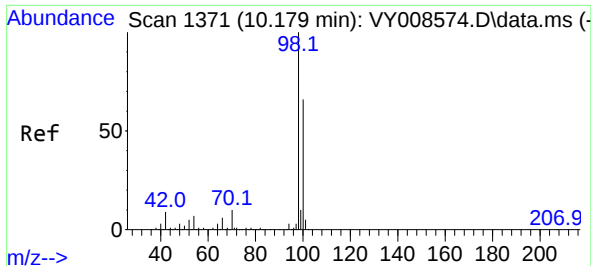
Ion Ratio Lower Upper

113 100

111 100.1 82.6 124.0

192 21.9 17.6 26.4

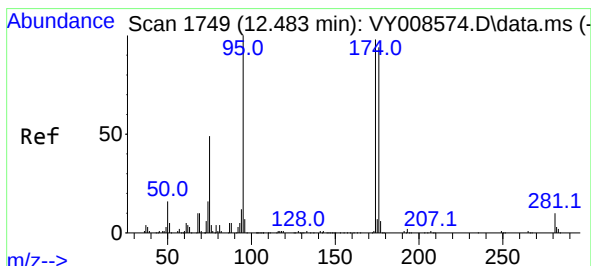
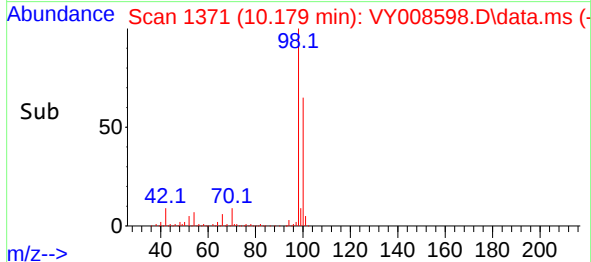
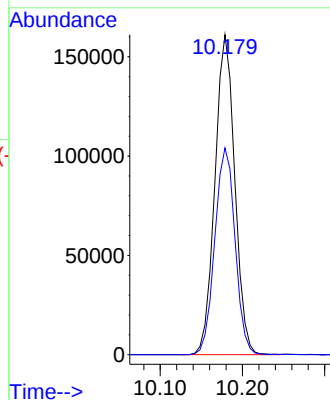
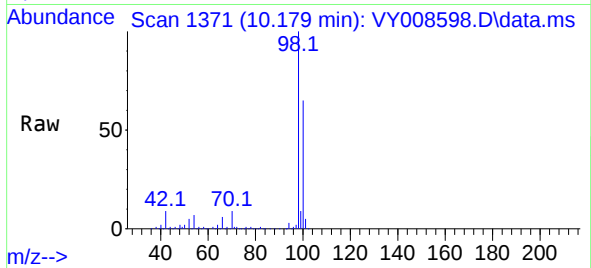




#50
Toluene-d8
Concen: 50.448 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

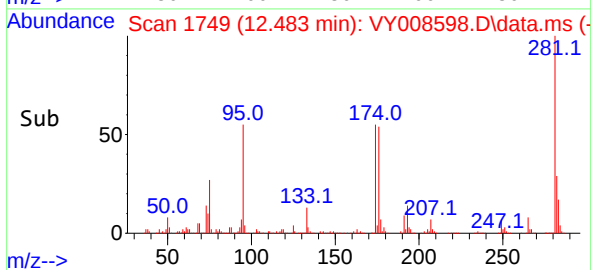
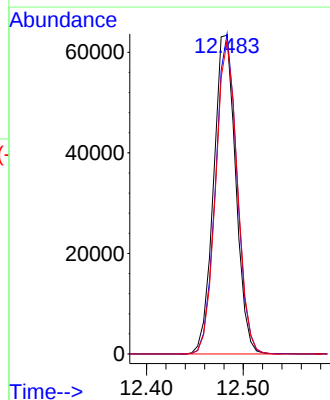
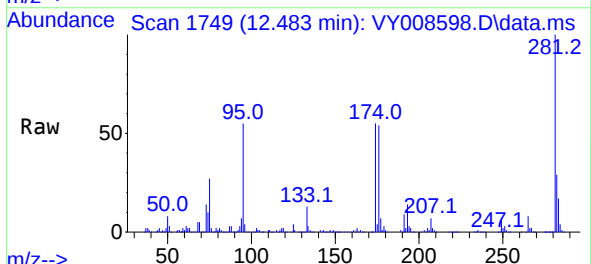
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

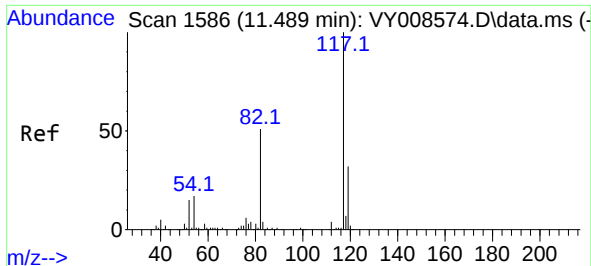
Tgt Ion: 98 Resp: 270428
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 95 Resp: 100754
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 95.5 0.0 175.8

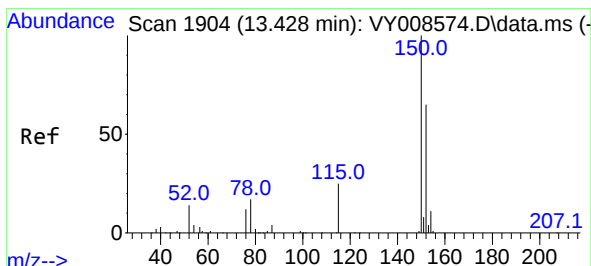
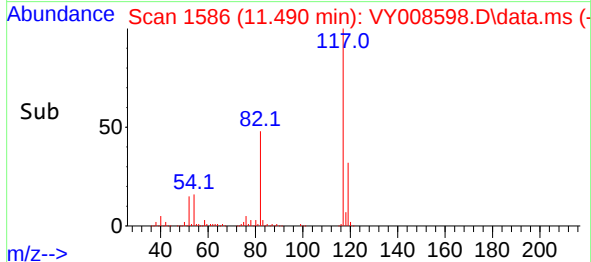
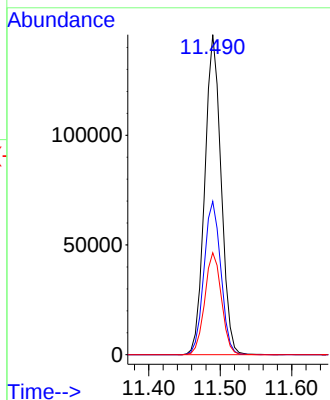
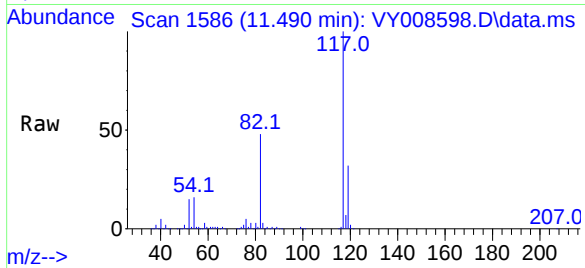




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-04

Tgt Ion:117 Resp: 231366
Ion Ratio Lower Upper
117 100
82 47.9 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. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion:152 Resp: 114987
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 155.8 0.0 347.6

