

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008639.D
 Acq On : 05 May 2022 02:51
 Operator : KP/MD
 Sample : N2665-02
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12,15

Quant Time: May 05 04:43:35 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	119490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	207555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62271	53.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.240%
35) Dibromofluoromethane	7.716	113	65716	47.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.179	98	247760	50.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.483	95	93525	52.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.880%

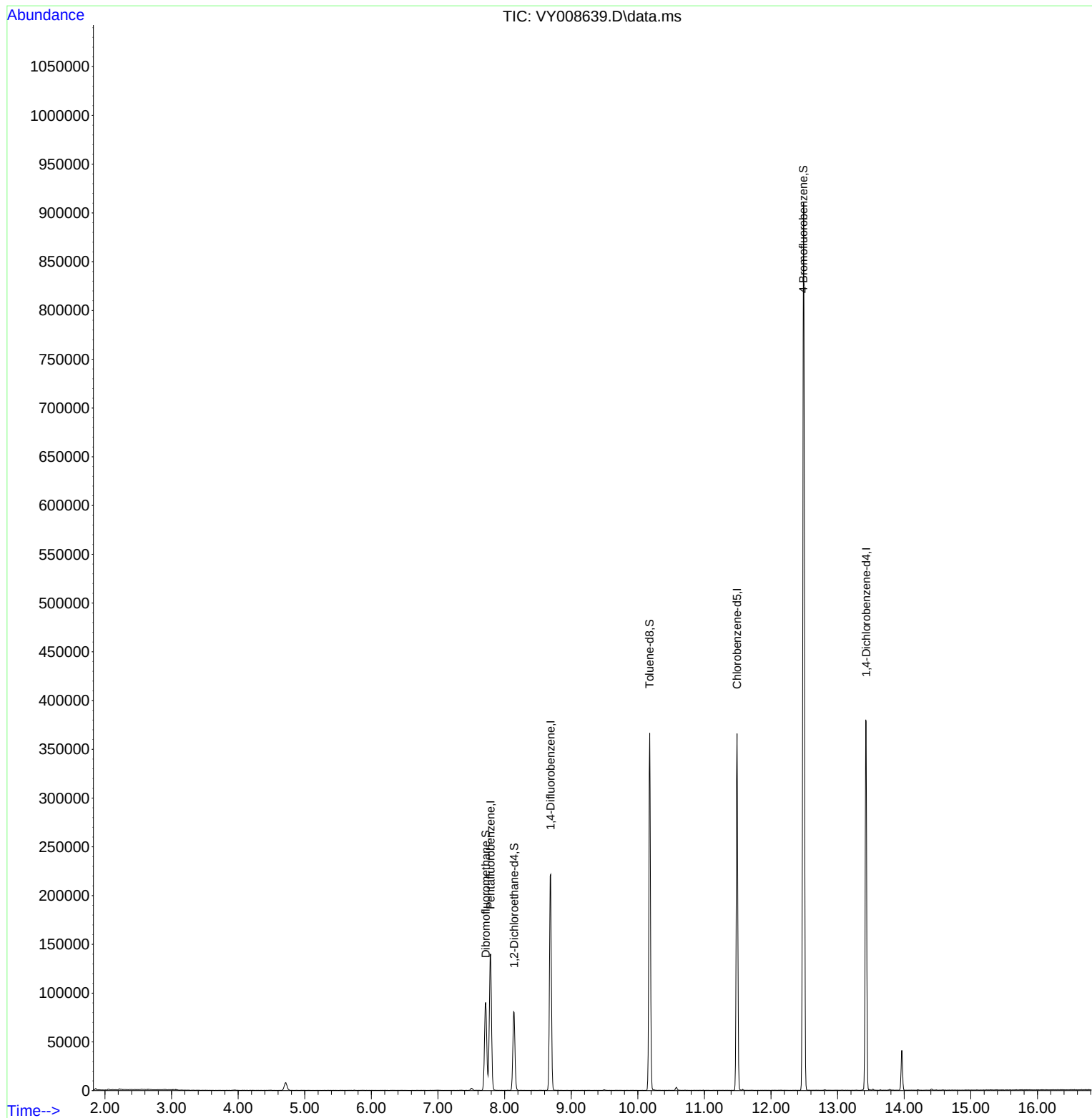
Target Compounds	Qvalue

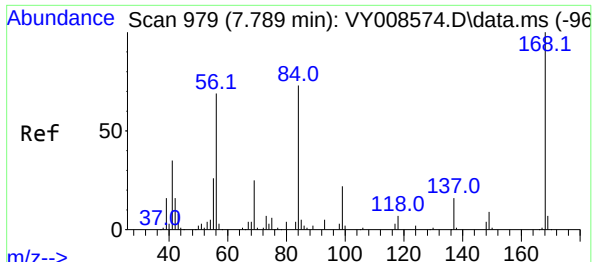
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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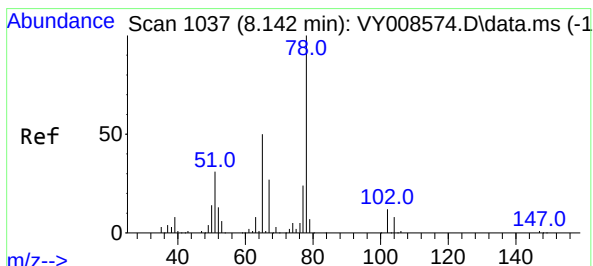
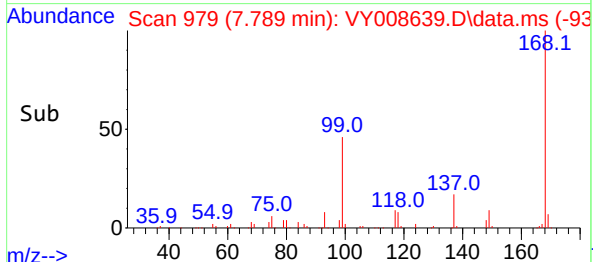
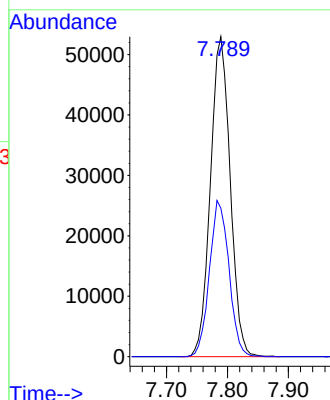
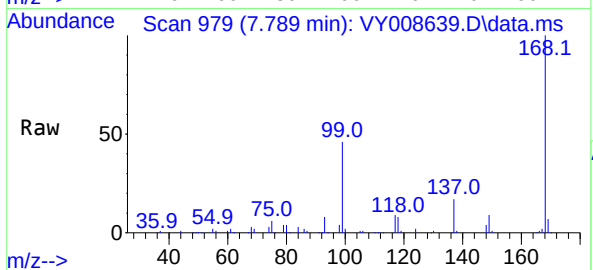




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

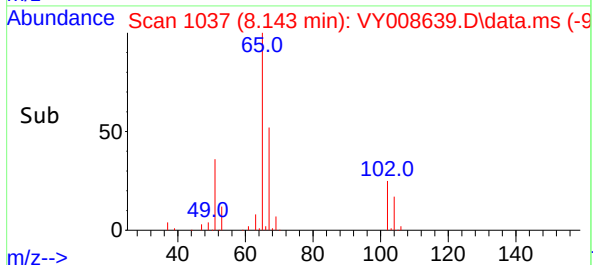
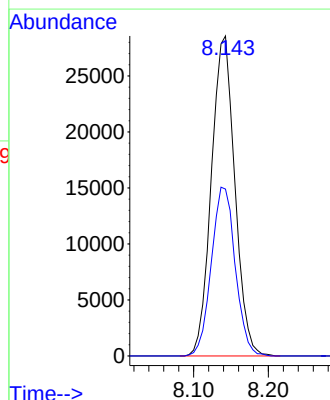
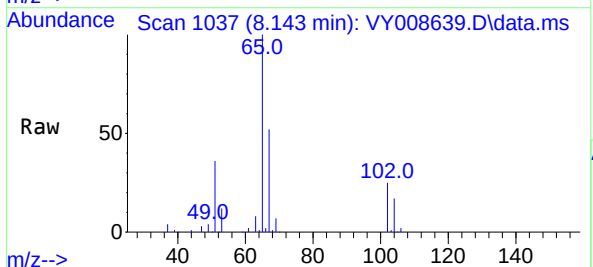
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,15

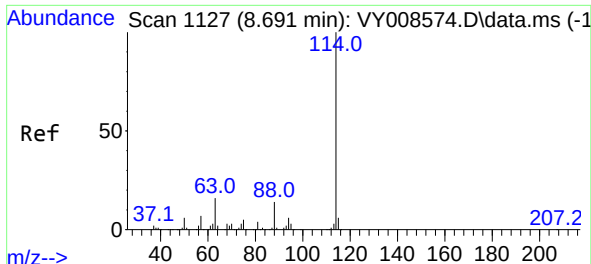
Tgt Ion:168 Resp: 119490
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 65 Resp: 62271
Ion Ratio Lower Upper
65 100
67 53.7 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: VY008639.D

Acq: 05 May 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,15

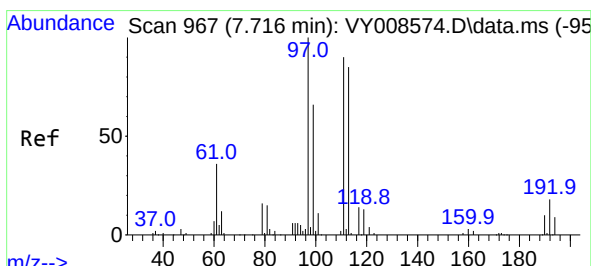
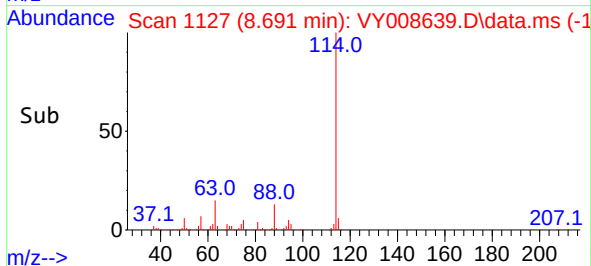
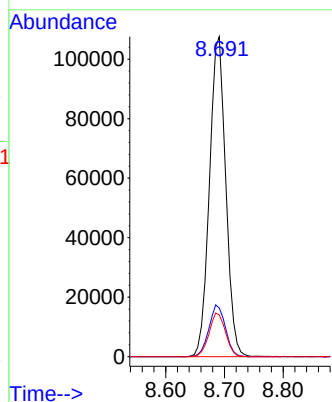
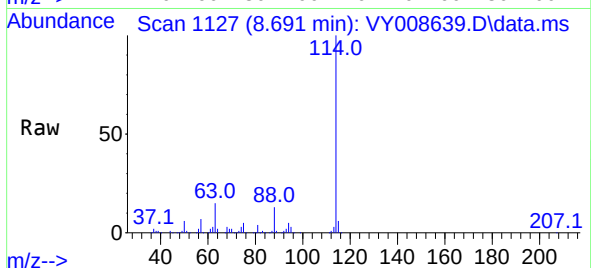
Tgt Ion:114 Resp: 207555

Ion Ratio Lower Upper

114 100

63 15.2 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.850 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008639.D

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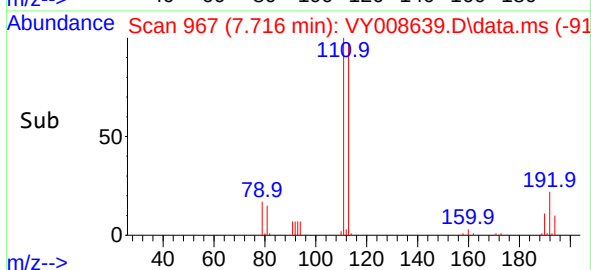
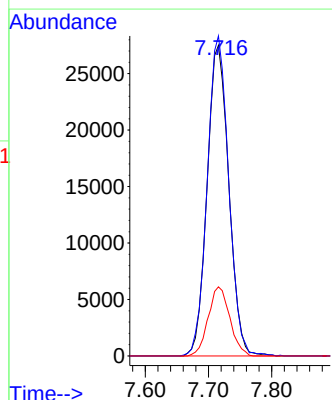
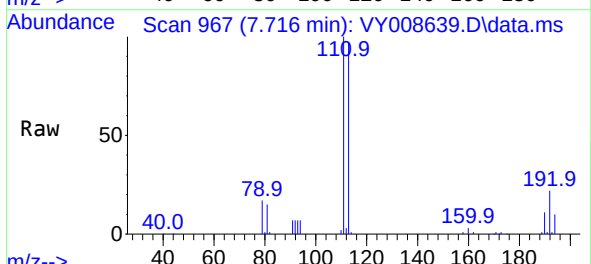
Tgt Ion:113 Resp: 65716

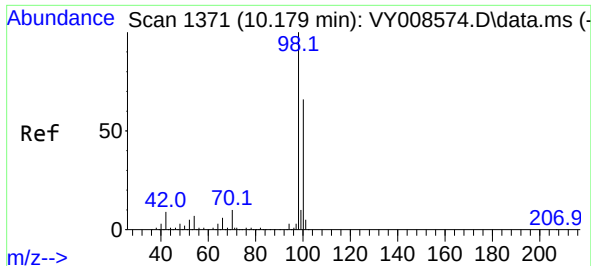
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 22.1 17.6 26.4

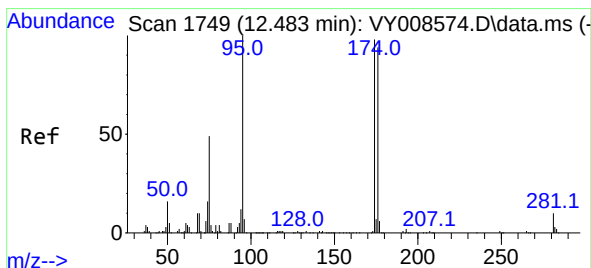
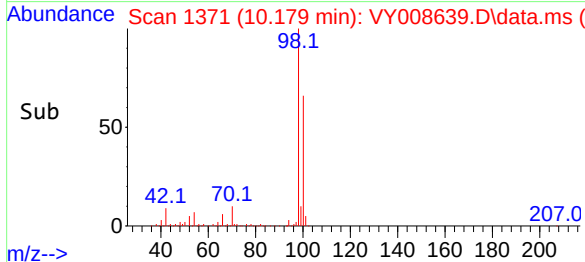
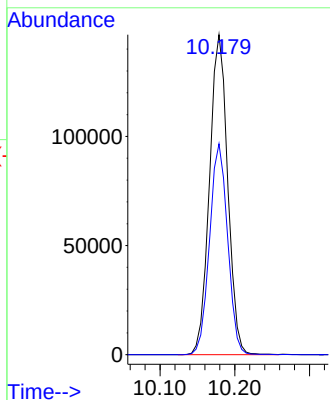
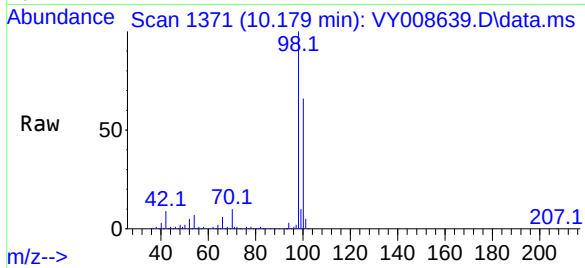




#50
Toluene-d8
Concen: 50.920 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

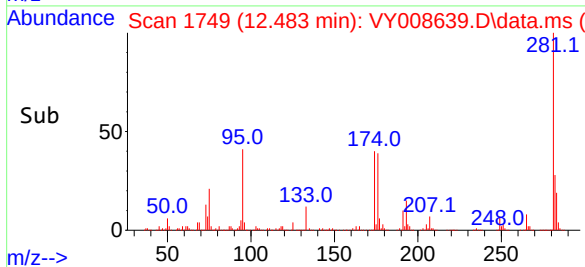
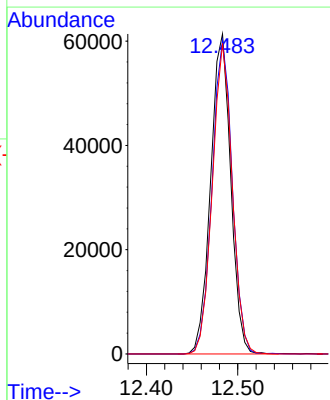
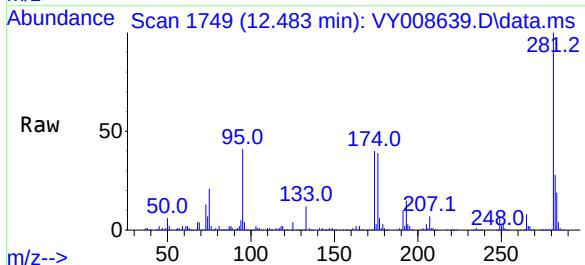
Instrument :
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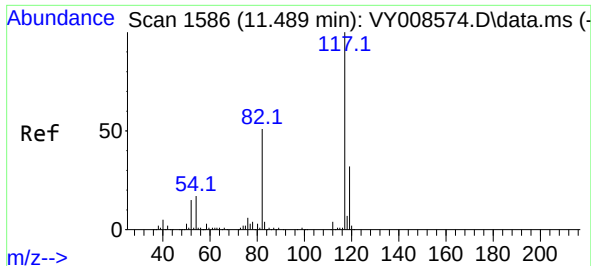
Tgt Ion: 98 Resp: 247760
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 95 Resp: 93525
Ion Ratio Lower Upper
95 100
174 98.4 0.0 177.0
176 95.9 0.0 175.8

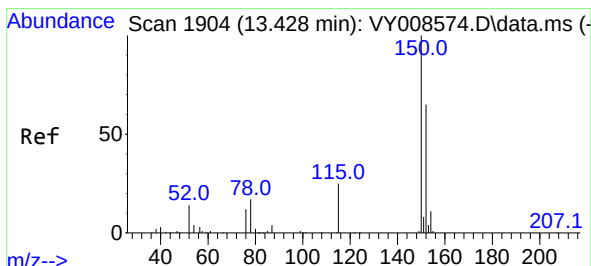
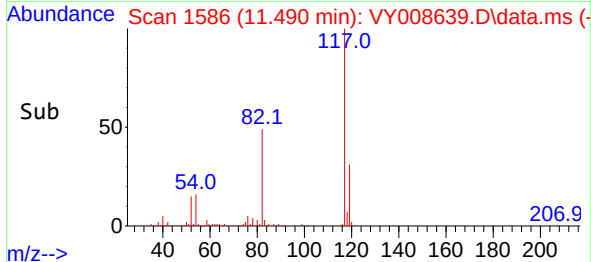
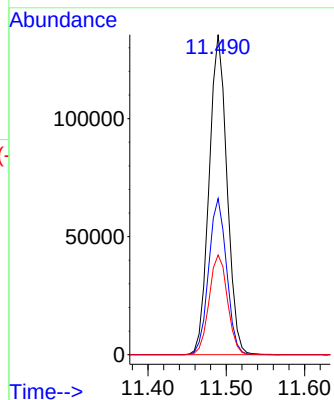
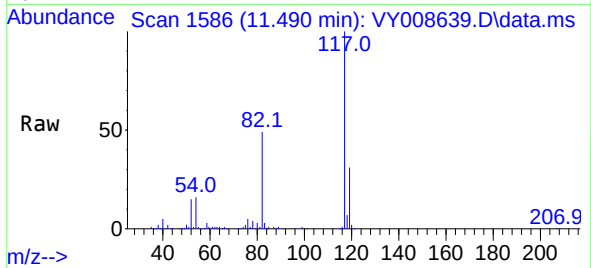




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-12,15

Tgt Ion:117 Resp: 214326
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 31.1 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: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion:152 Resp: 106913
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 157.7 0.0 347.6

