

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008638.D
 Acq On : 05 May 2022 02:27
 Operator : KP/MD
 Sample : N2665-01
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12,7

Quant Time: May 05 04:43:21 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	126231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	217026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65061	53.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.060%
35) Dibromofluoromethane	7.716	113	70022	48.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.179	98	261222	51.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.483	95	99616	53.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.840%

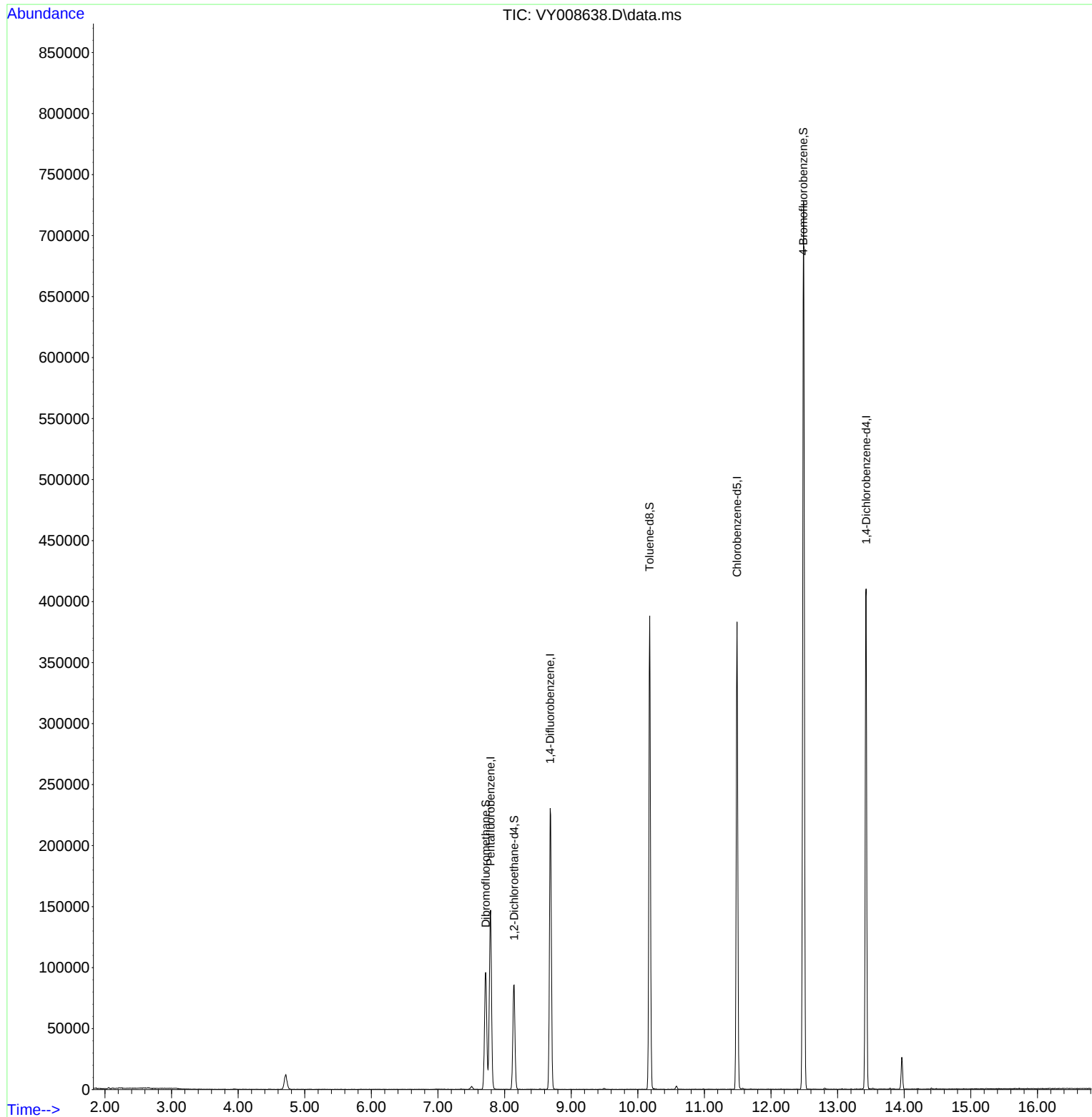
Target Compounds	Qvalue

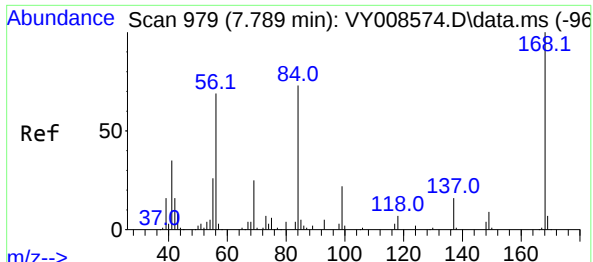
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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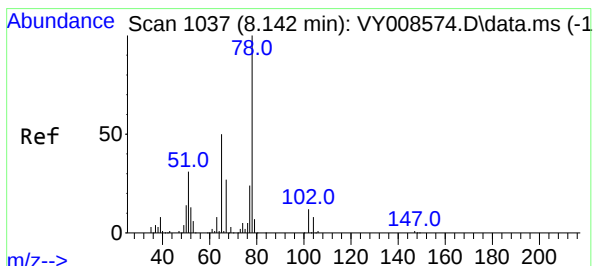
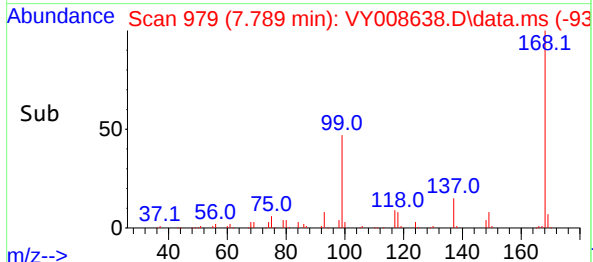
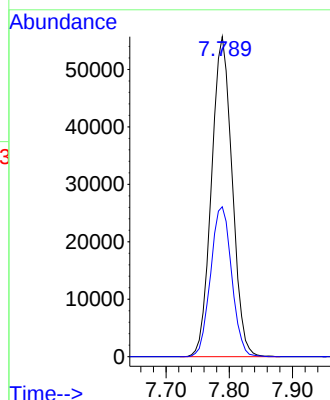
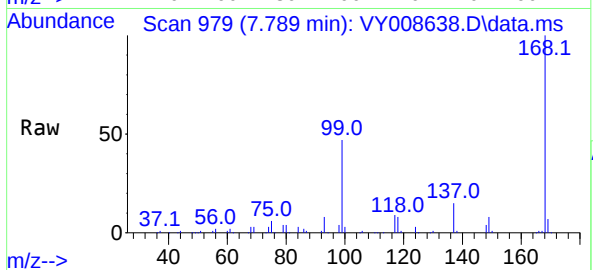




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

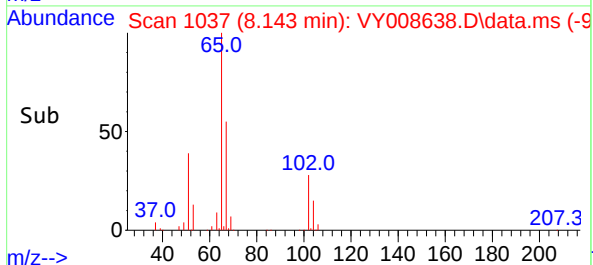
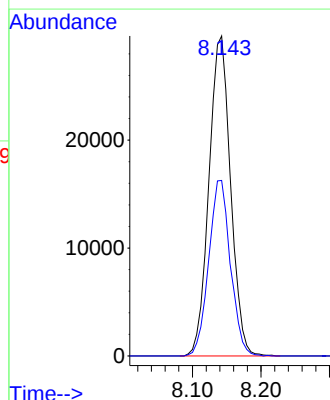
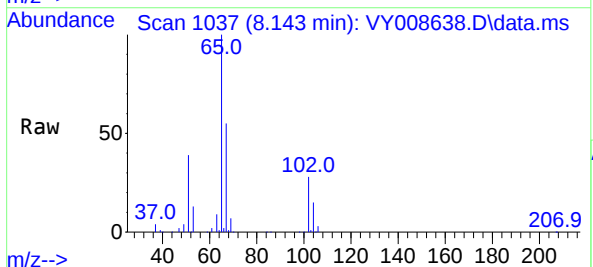
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,7

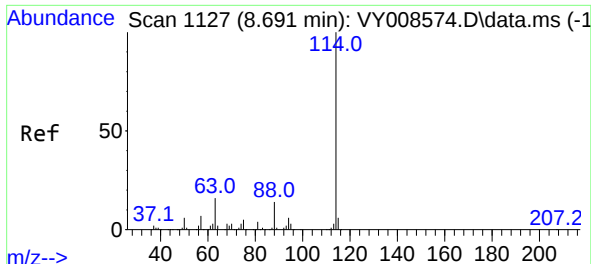
Tgt Ion:168 Resp: 126231
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 53.030 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 65 Resp: 65061
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008638.D

Acq: 05 May 2022 02:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,7

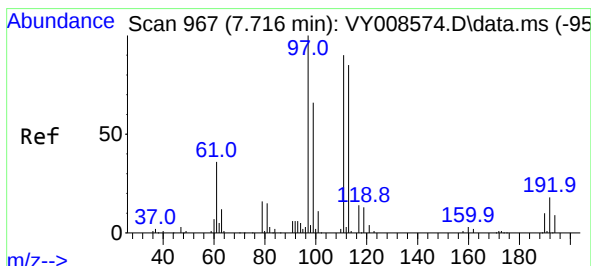
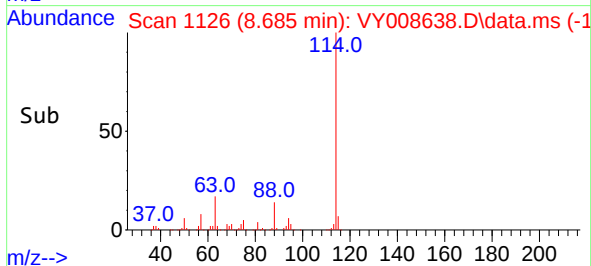
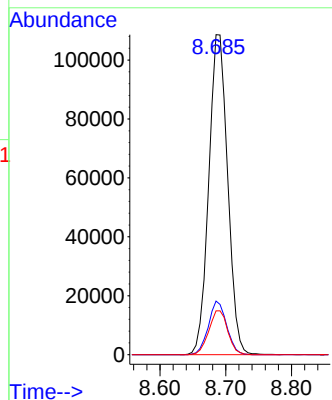
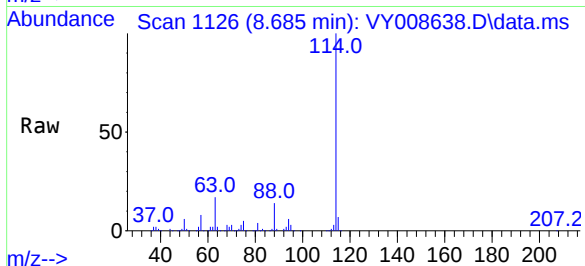
Tgt Ion:114 Resp: 217026

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.760 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008638.D

Acq: 05 May 2022 02:27

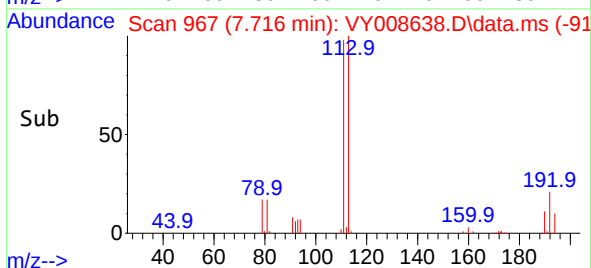
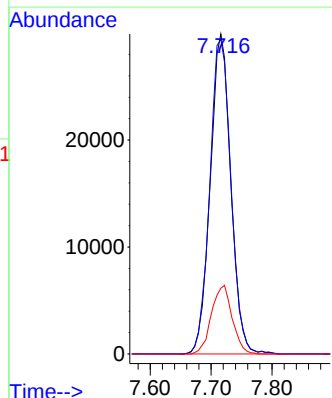
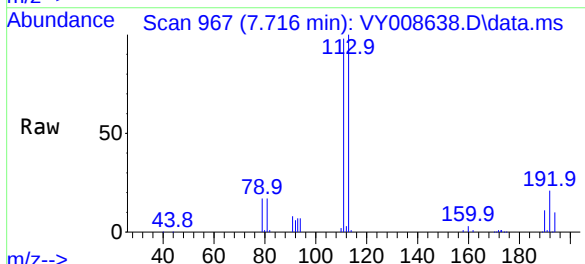
Tgt Ion:113 Resp: 70022

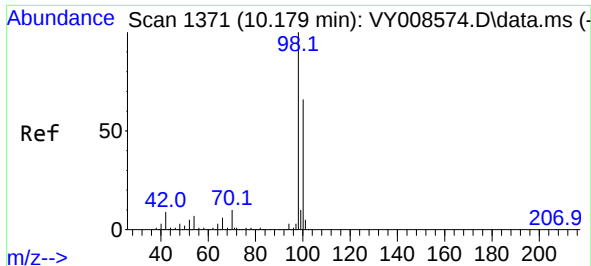
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.6 17.6 26.4

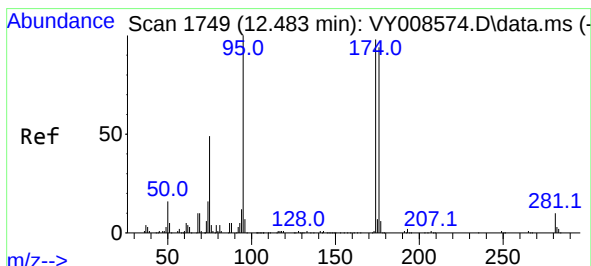
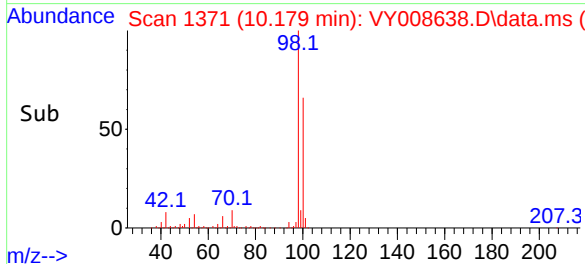
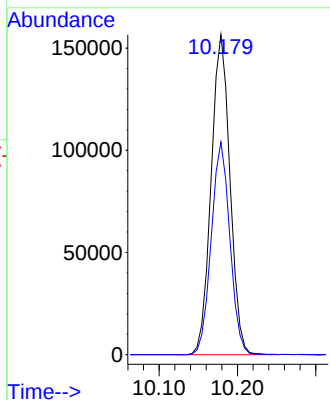
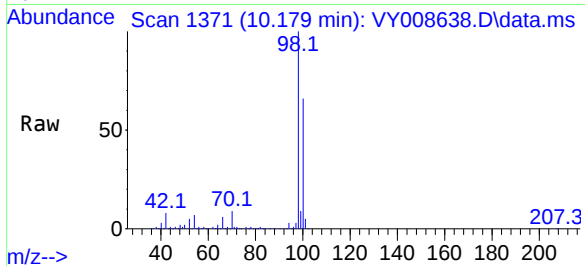




#50
Toluene-d8
Concen: 51.344 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

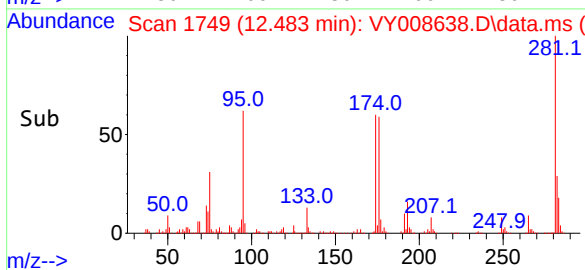
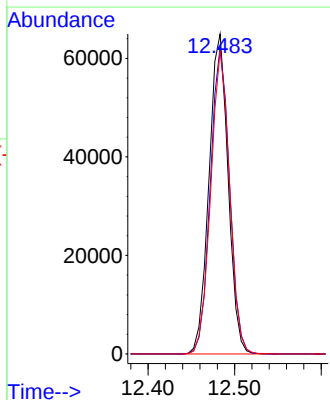
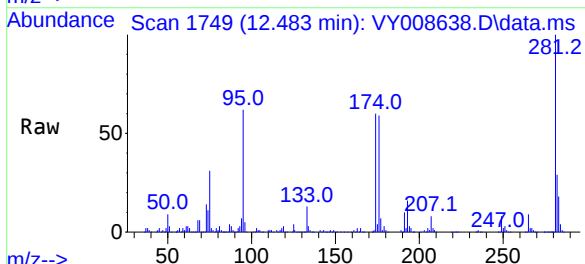
Instrument :
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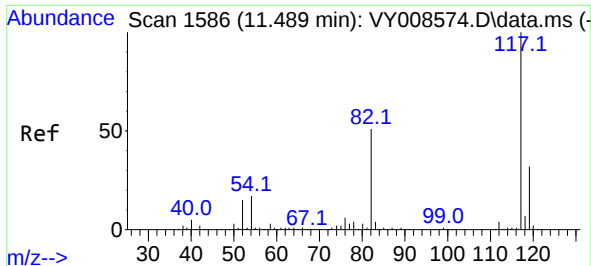
Tgt Ion: 98 Resp: 261222
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 95 Resp: 99616
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 93.6 0.0 175.8

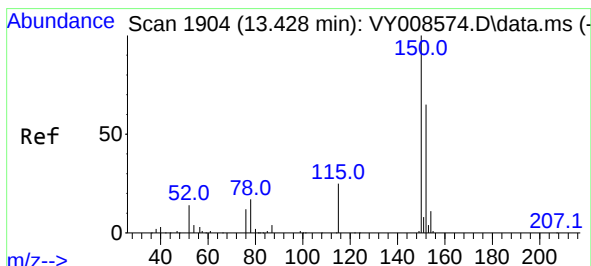
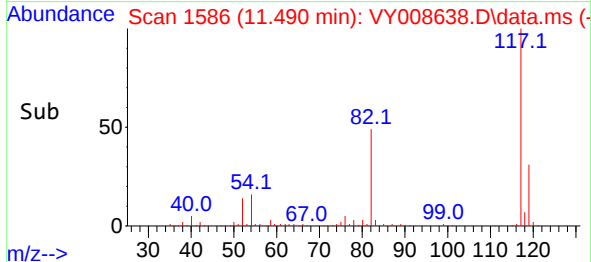
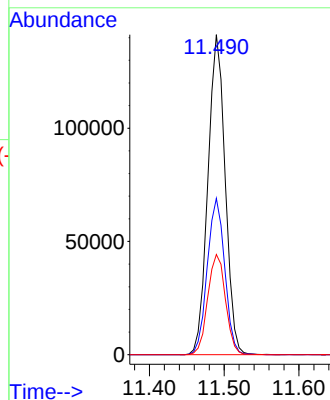
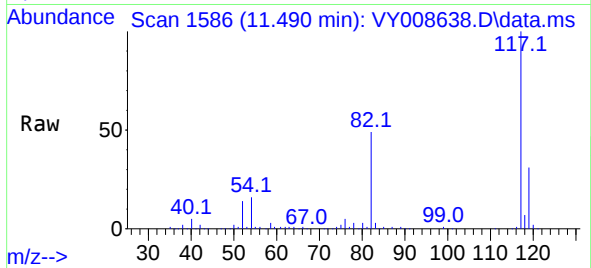




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-12,7

Tgt Ion:117 Resp: 226631
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 31.3 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: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion:152 Resp: 114438
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.3 0.0 347.6

