

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009973.D
 Acq On : 11 Aug 2022 18:54
 Operator : KP/MD
 Sample : N4064-05RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13RE

Quant Time: Aug 12 02:50:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	3087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	909	75.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.240%
35) Dibromofluoromethane	7.716	113	219	12.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.660%#
50) Toluene-d8	10.179	98	2127	39.711	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.420%
62) 4-Bromofluorobenzene	12.483	95	577	23.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.220%

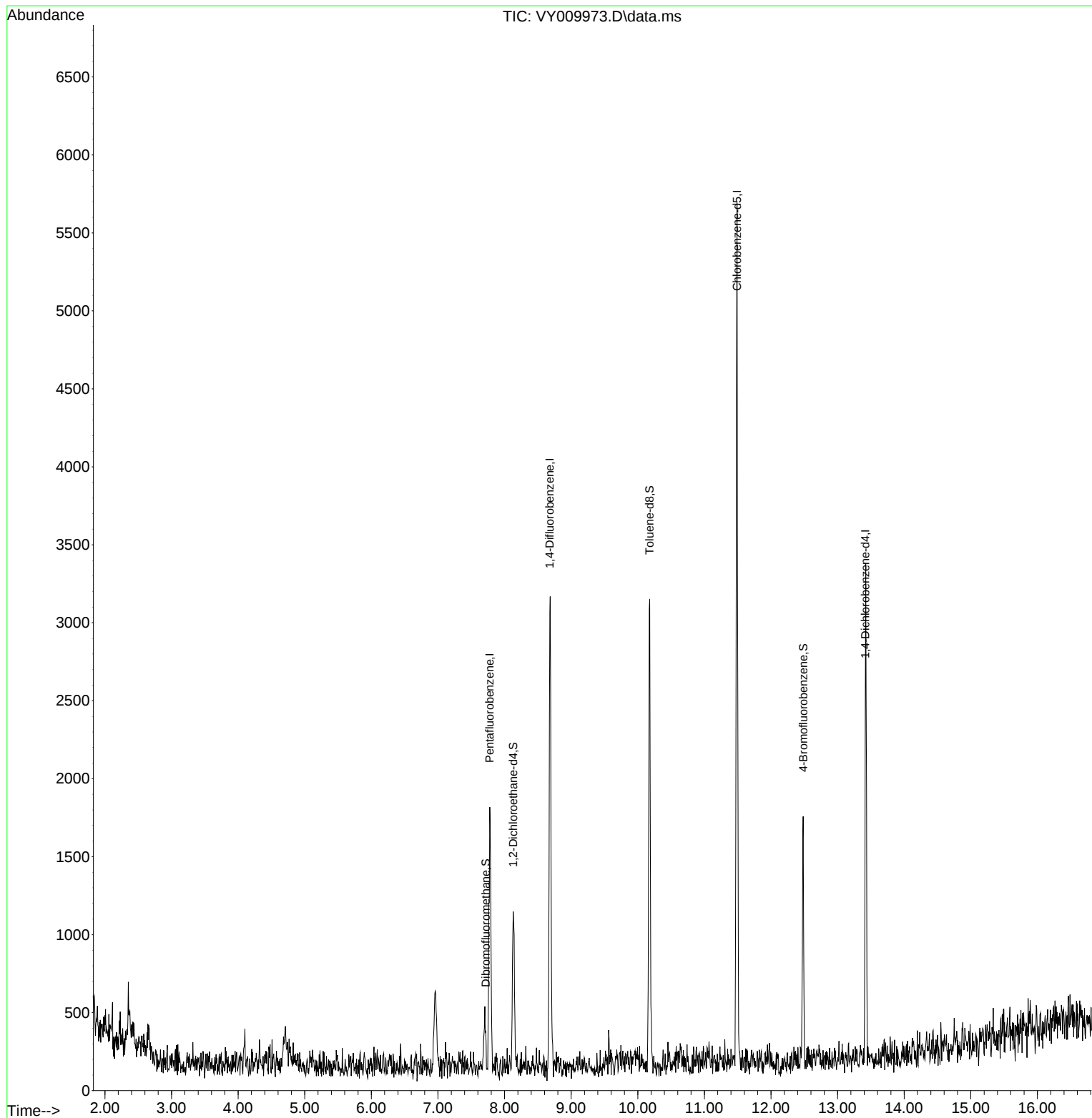
Target Compounds	Qvalue

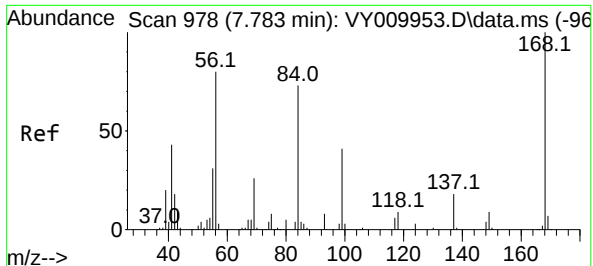
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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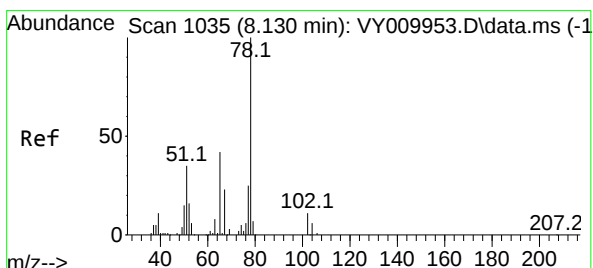
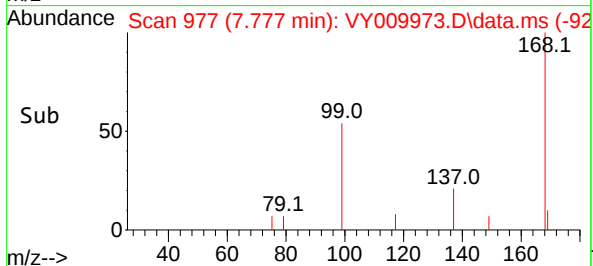
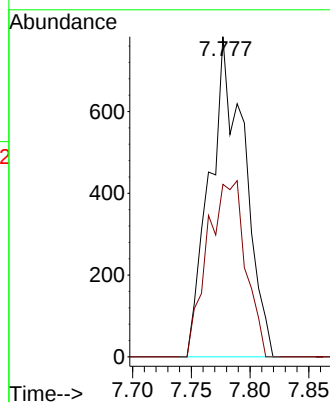
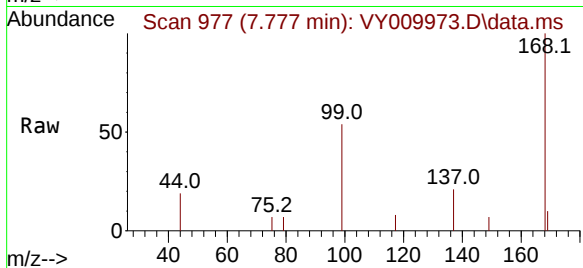




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

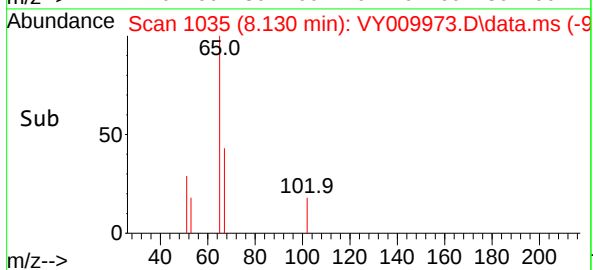
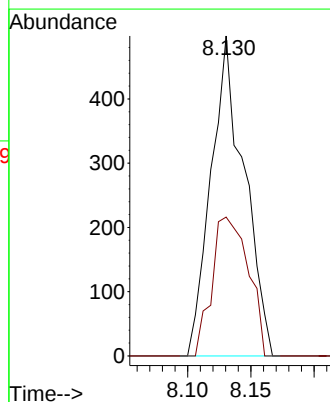
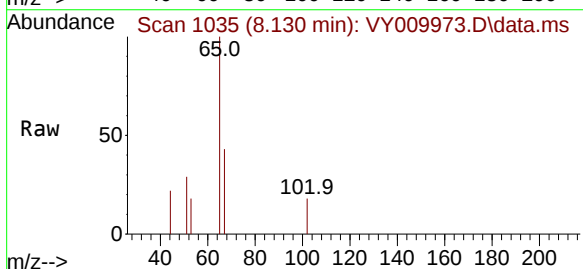
Instrument :
MSVOA_Y
ClientSampleId :
SB-13RE

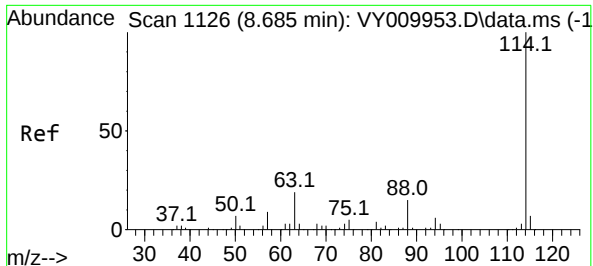
Tgt Ion:168 Resp: 1617
Ion Ratio Lower Upper
168 100
99 53.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 75.119 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 65 Resp: 909
Ion Ratio Lower Upper
65 100
67 47.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-13RE

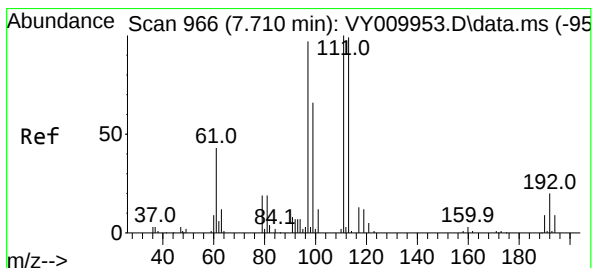
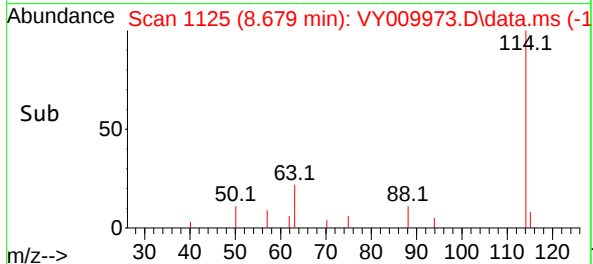
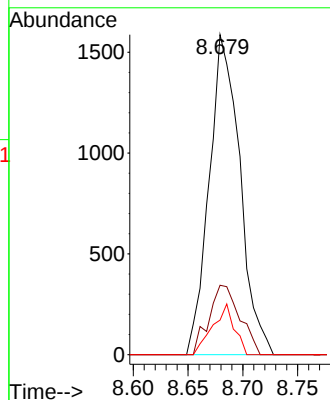
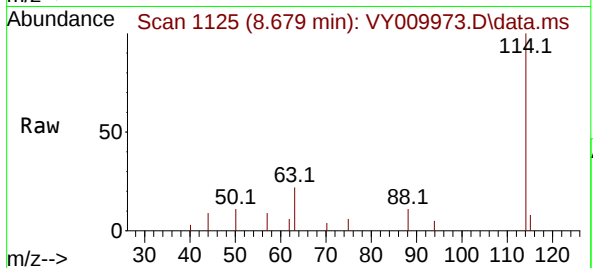
Tgt Ion:114 Resp: 3087

Ion Ratio Lower Upper

114 100

63 21.7 0.0 38.0

88 10.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 12.330 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

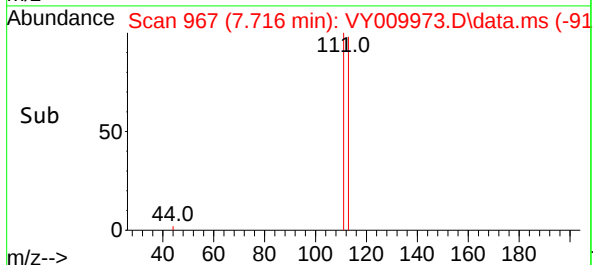
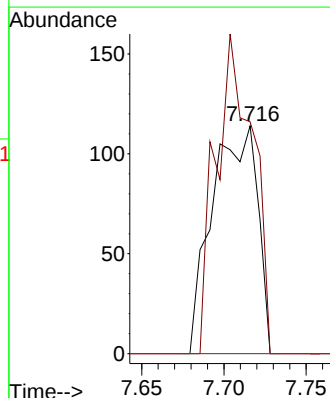
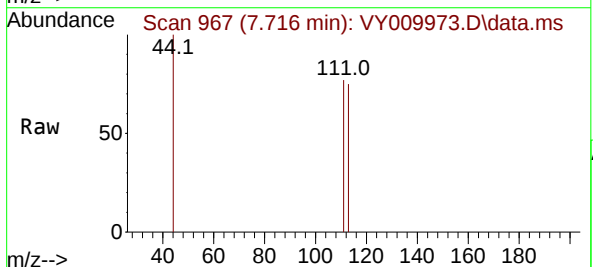
Tgt Ion:113 Resp: 219

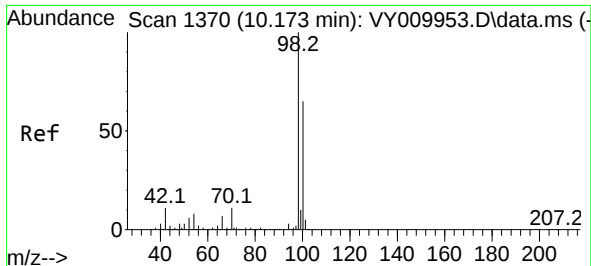
Ion Ratio Lower Upper

113 100

111 114.6 80.6 120.8

192 0.0 16.2 24.4#

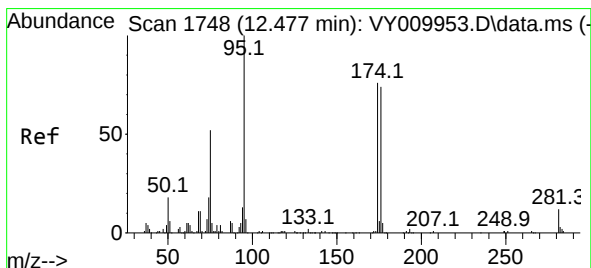
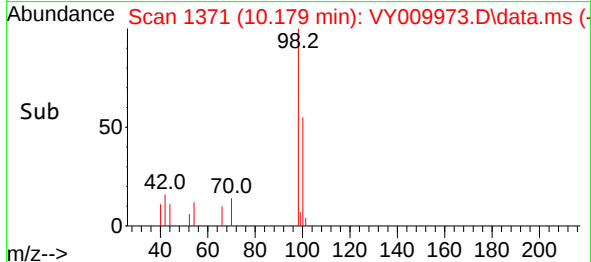
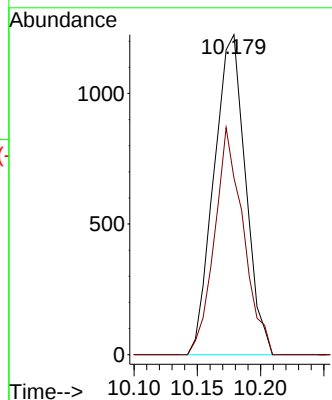
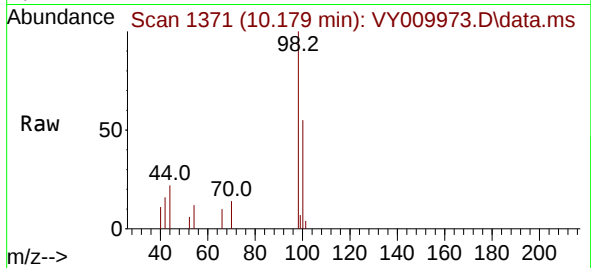




#50
Toluene-d8
Concen: 39.711 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

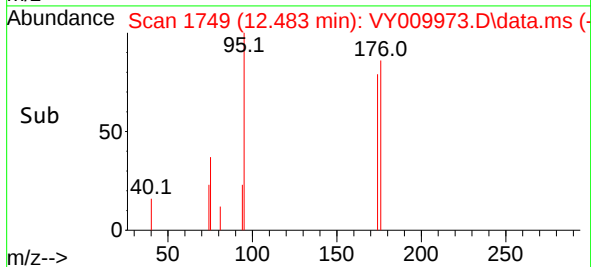
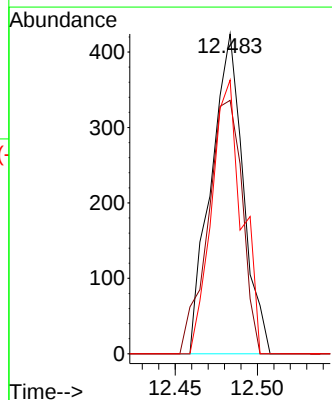
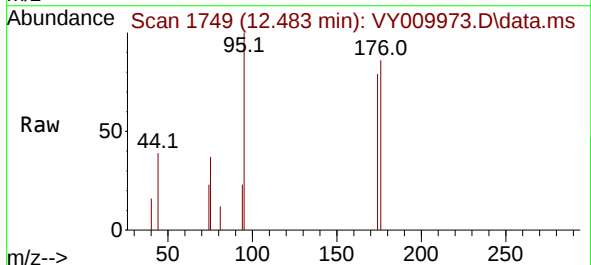
Instrument :
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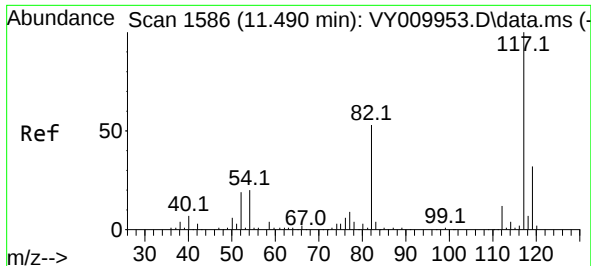
Tgt Ion: 98 Resp: 2127
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 23.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 95 Resp: 577
Ion Ratio Lower Upper
95 100
174 84.4 0.0 173.8
176 80.6 0.0 167.0

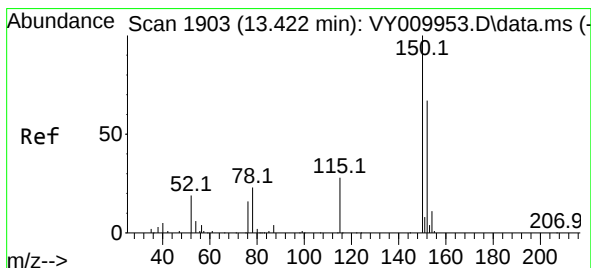
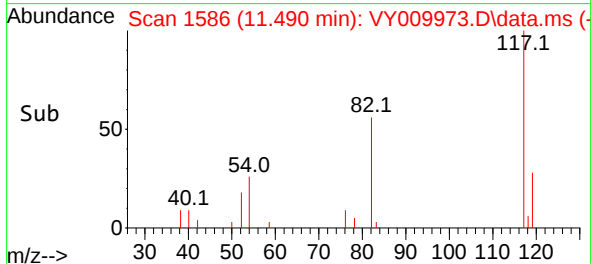
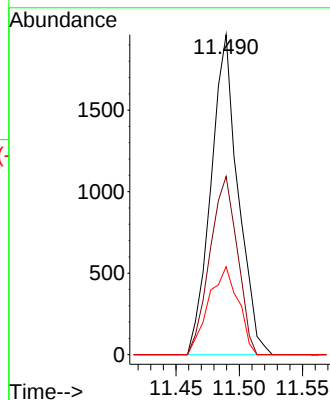
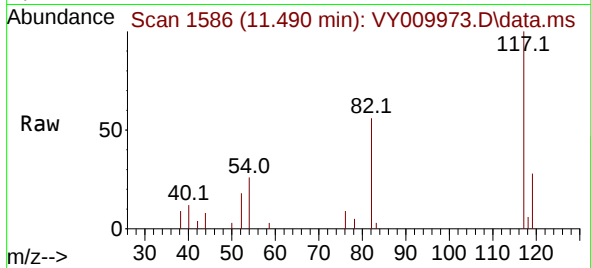




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-13RE

Tgt Ion:117 Resp: 2932
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.6
119 27.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
115 55.3 28.6 85.9
150 138.5 0.0 349.8

