

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007974.D
 Acq On : 22 Mar 2022 00:20
 Operator : SY/MD
 Sample : N2039-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-031822

Quant Time: Mar 22 03:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145995	56.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.960%
35) Dibromofluoromethane	7.716	113	132287	44.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.179	98	523610	59.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.940%
62) 4-Bromofluorobenzene	12.483	95	181572	42.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.800%

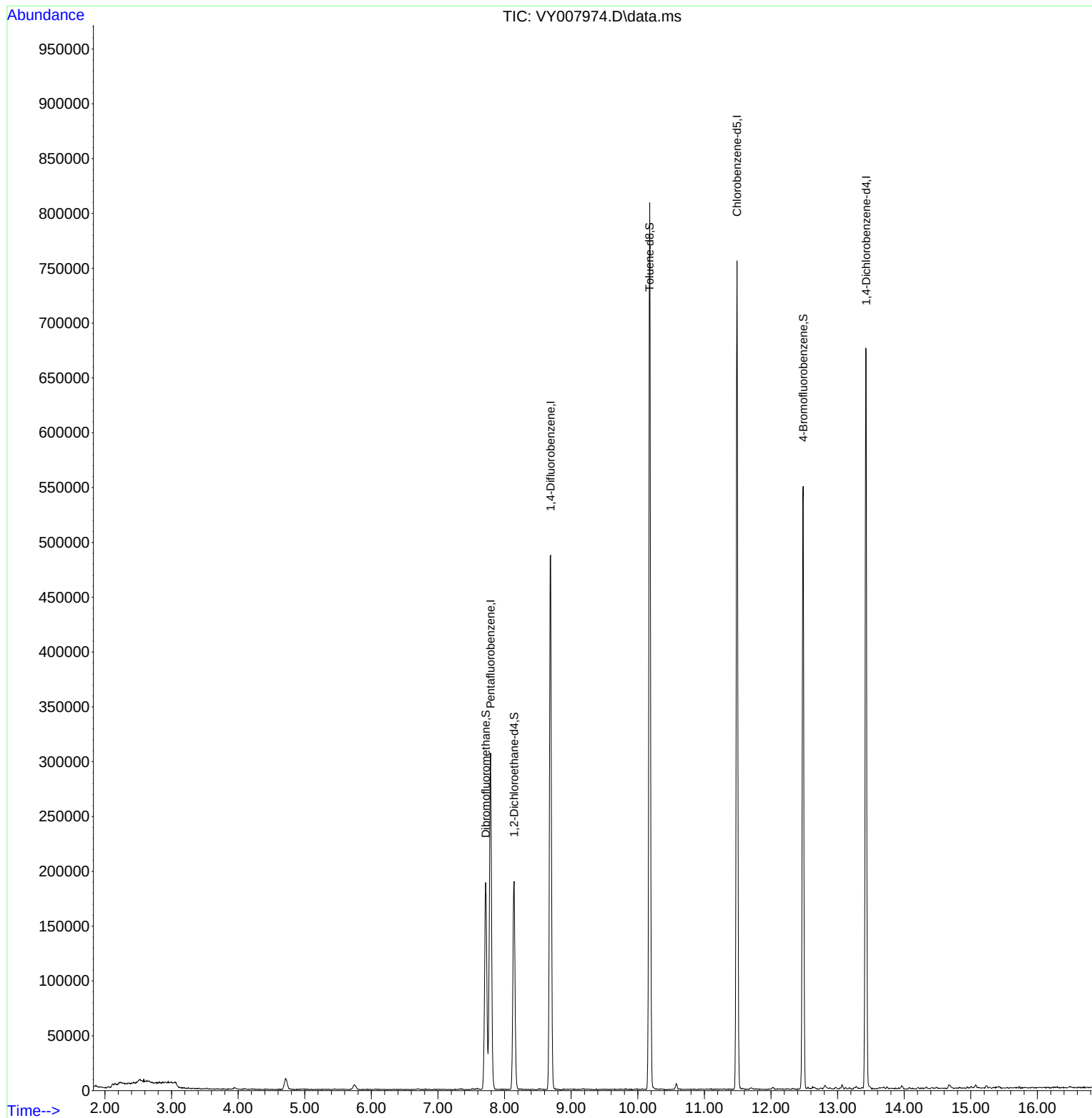
Target Compounds	Qvalue

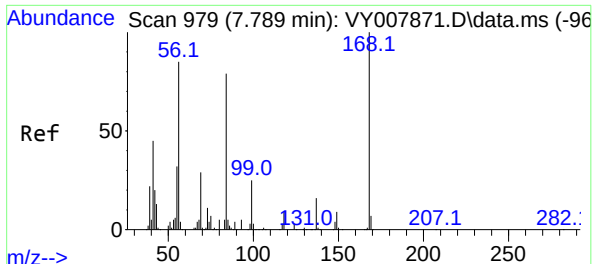
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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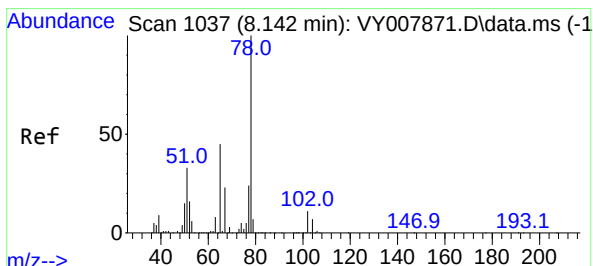
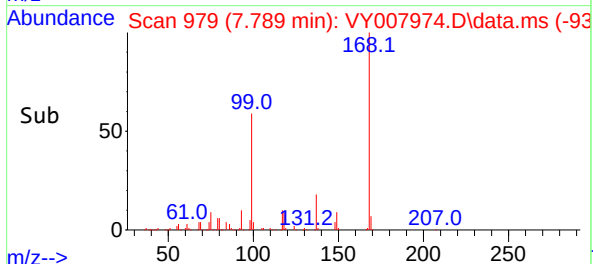
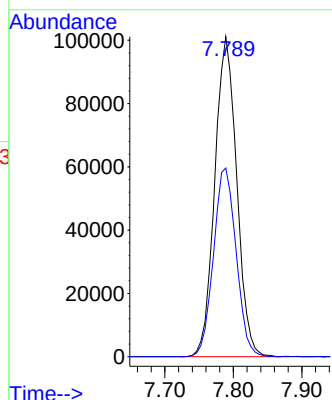
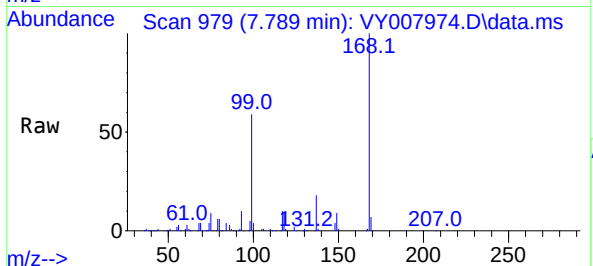




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

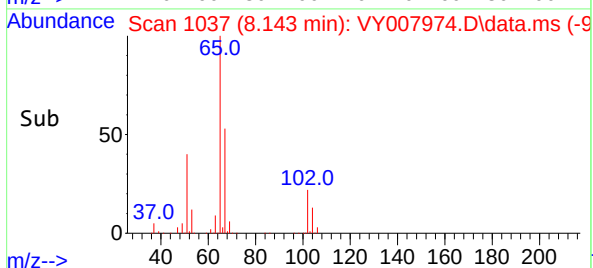
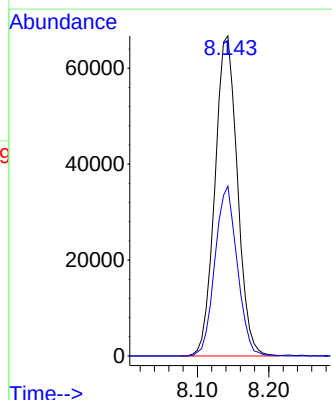
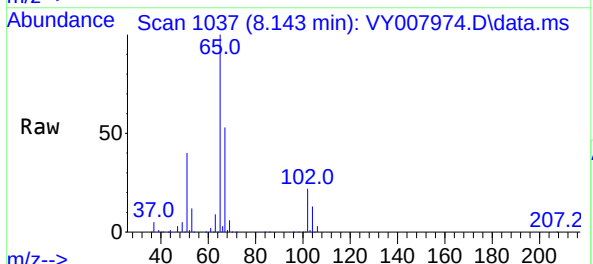
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

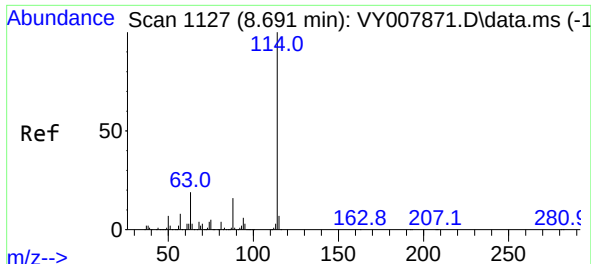
Tgt Ion:168 Resp: 224708
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.983 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 65 Resp: 145995
Ion Ratio Lower Upper
65 100
67 52.5 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: VY007974.D

Acq: 22 Mar 2022 00:20

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-031822

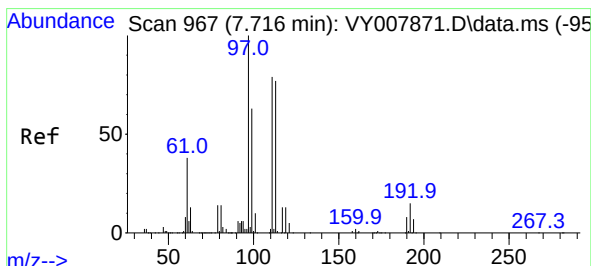
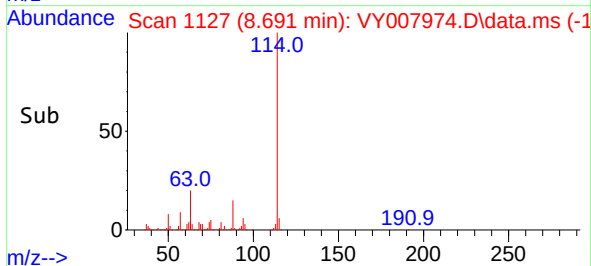
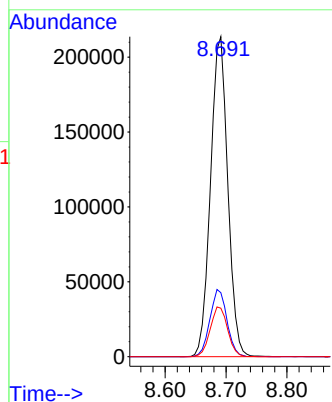
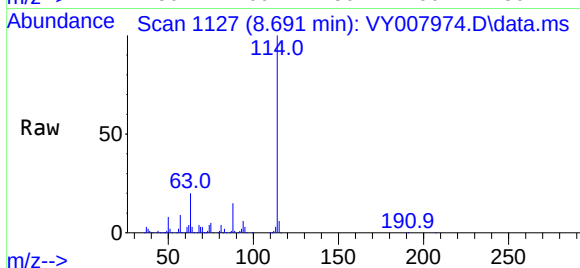
Tgt Ion:114 Resp: 419876

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.862 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007974.D

Acq: 22 Mar 2022 00:20

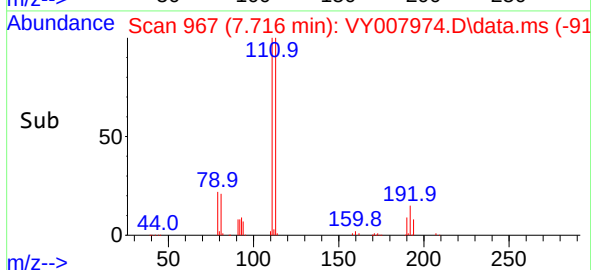
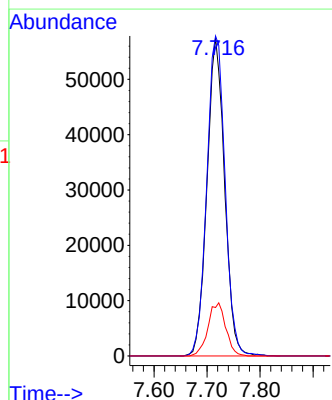
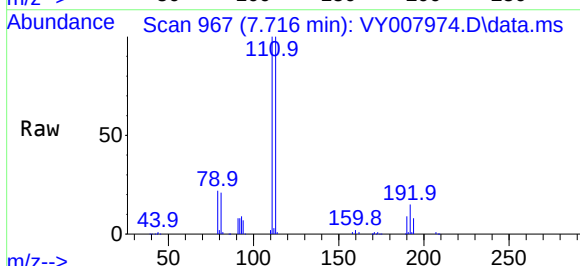
Tgt Ion:113 Resp: 132287

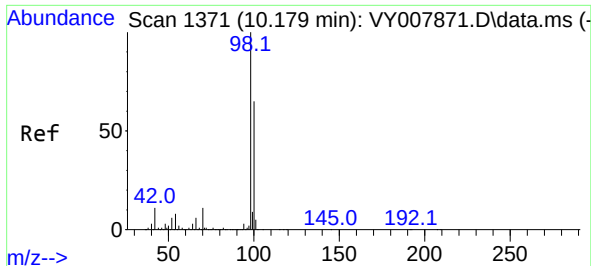
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 16.9 17.6 26.4#

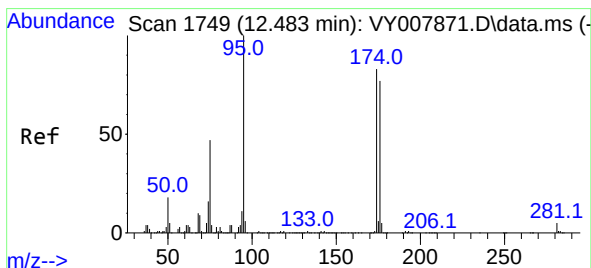
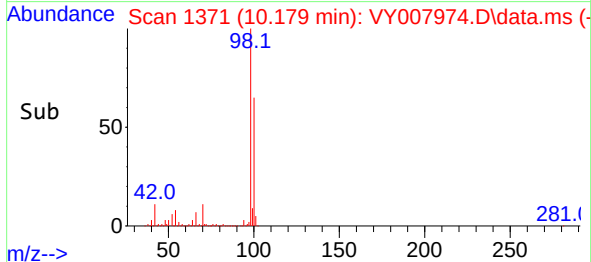
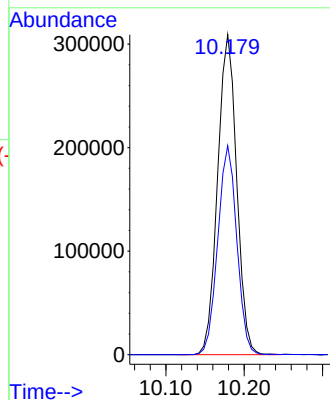
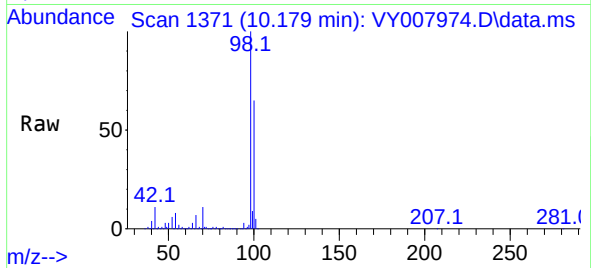




#50
Toluene-d8
Concen: 59.975 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

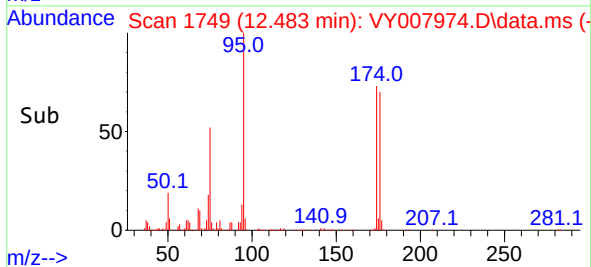
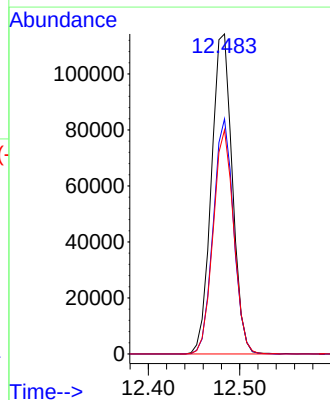
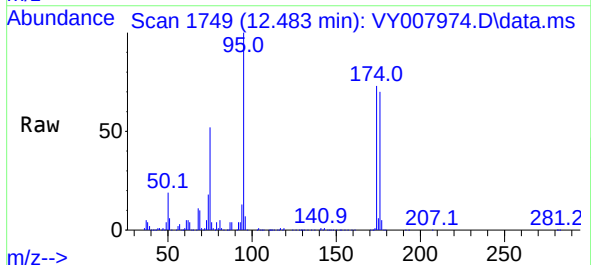
Instrument :
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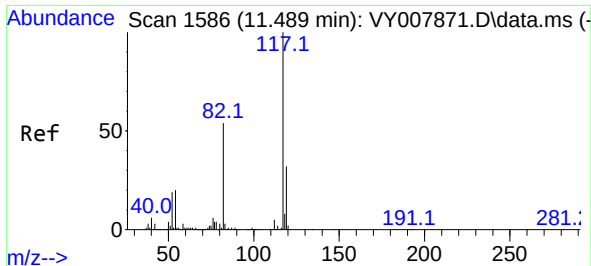
Tgt Ion: 98 Resp: 523610
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 95 Resp: 181572
Ion Ratio Lower Upper
95 100
174 71.2 0.0 177.0
176 68.9 0.0 175.8

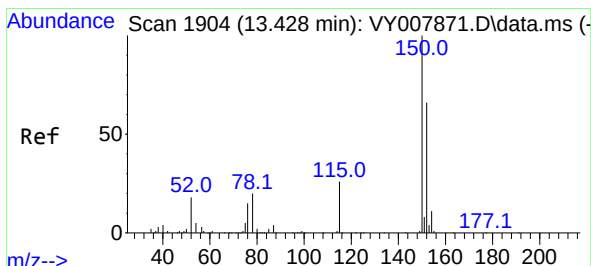
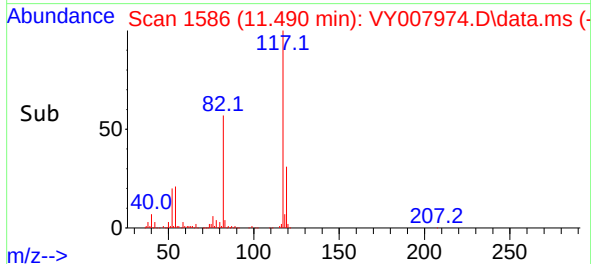
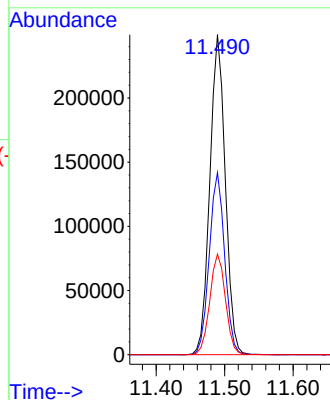
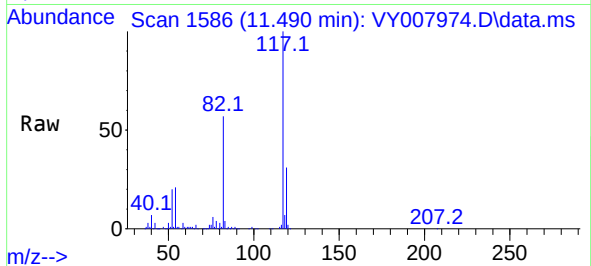




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

Tgt Ion:	117	Resp:	391132
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.0	64.4
119	31.4	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: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion:	152	Resp:	164704
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	156.8	0.0	347.6

