

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007983.D
 Acq On : 22 Mar 2022 03:50
 Operator : SY/MD
 Sample : N2031-01
 Misc : 7.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-0-2

Quant Time: Mar 22 06:56:19 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	222936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150685	59.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.560%
35) Dibromofluoromethane	7.716	113	133709	45.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.140%
50) Toluene-d8	10.179	98	515700	58.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.140%
62) 4-Bromofluorobenzene	12.483	95	167913	39.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.860%

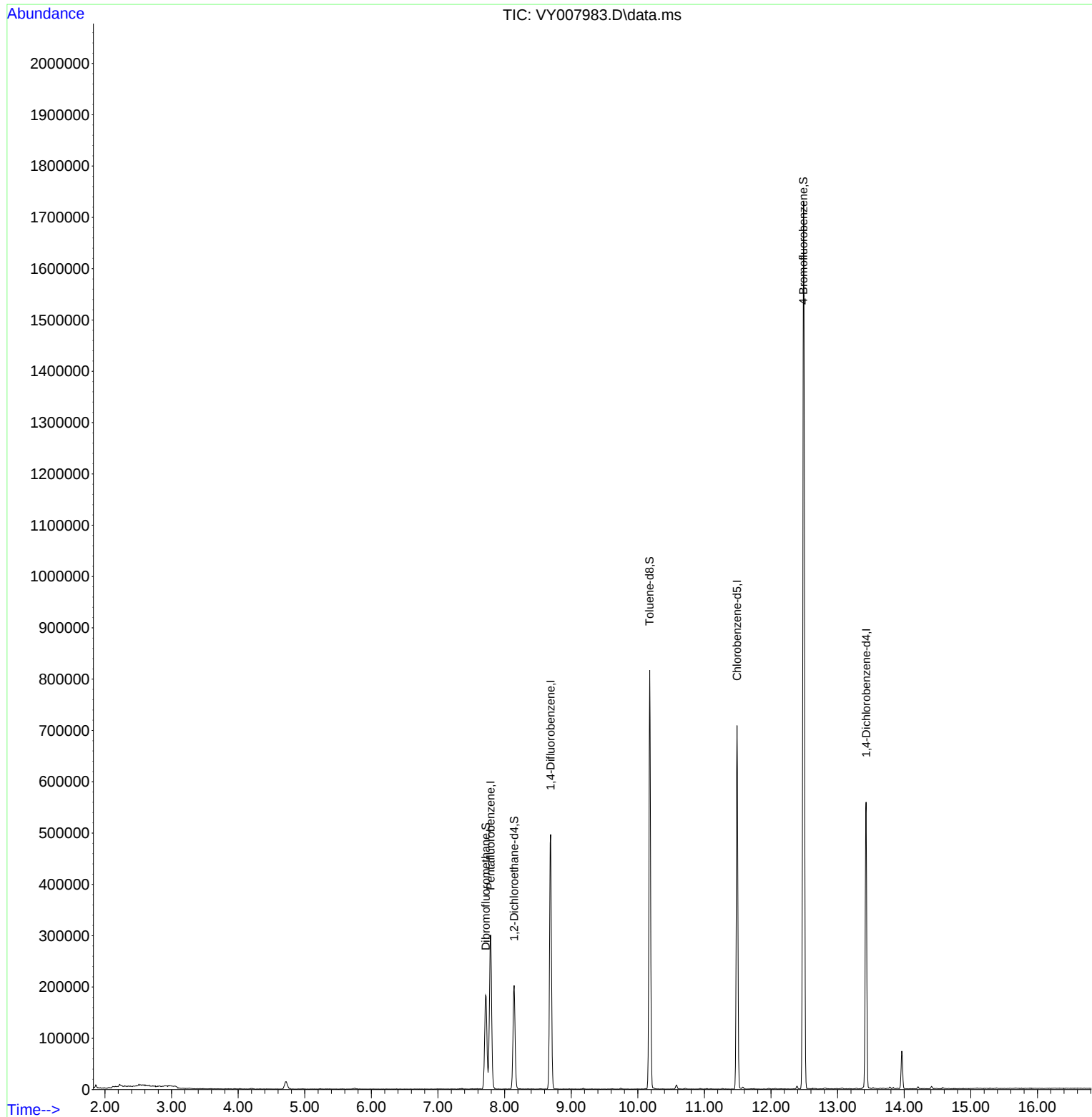
Target Compounds	Qvalue

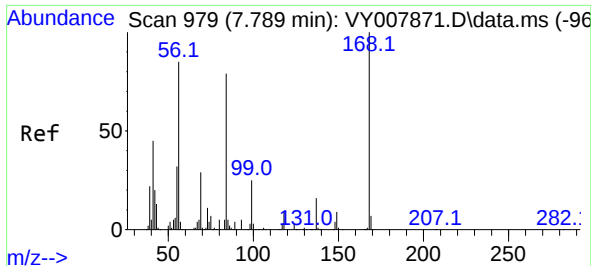
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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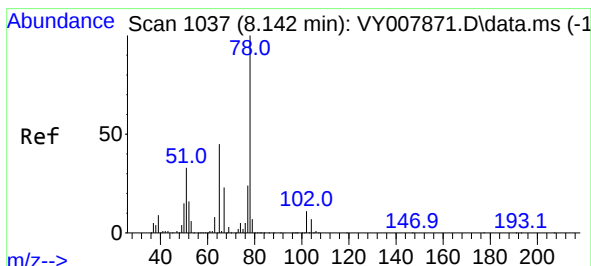
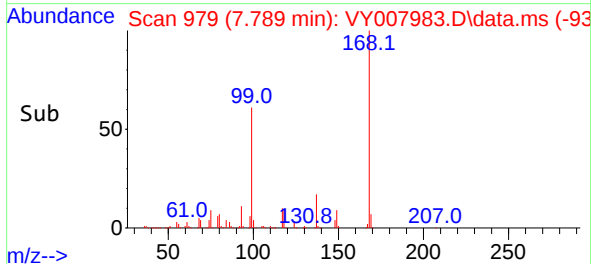
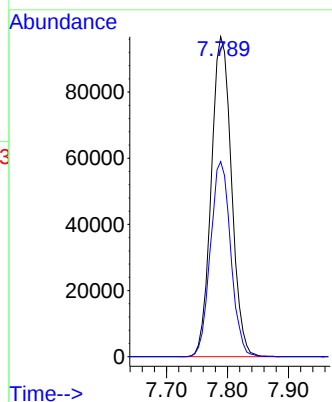
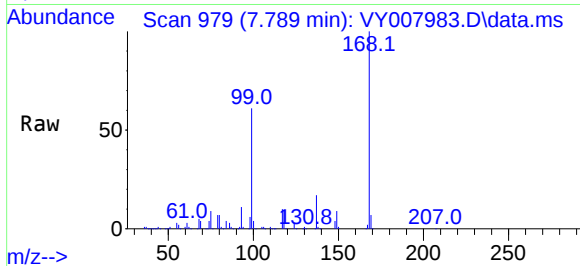




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

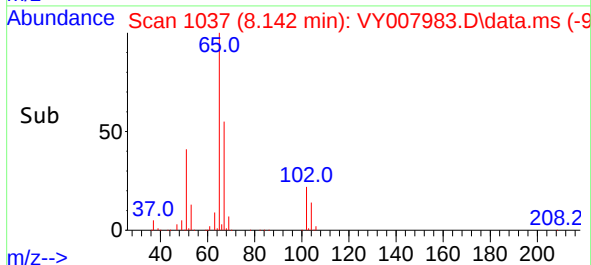
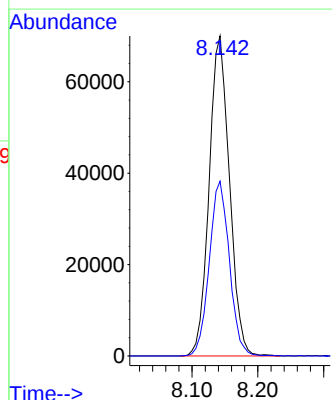
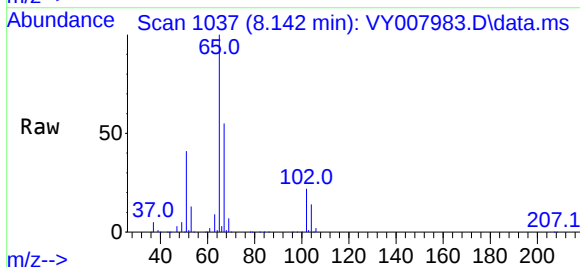
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

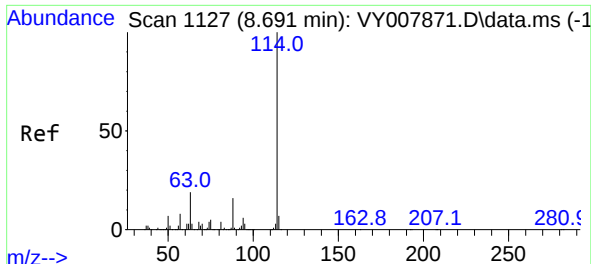
Tgt Ion:168 Resp: 222936
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.281 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 65 Resp: 150685
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007983.D

Acq: 22 Mar 2022 03:50

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B1-031822-0-2

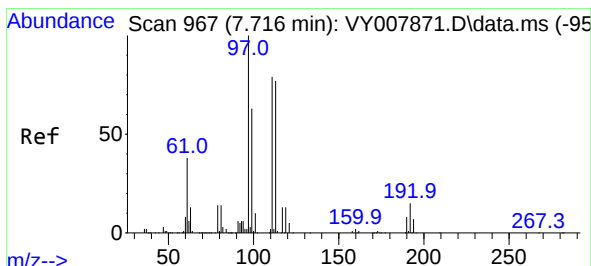
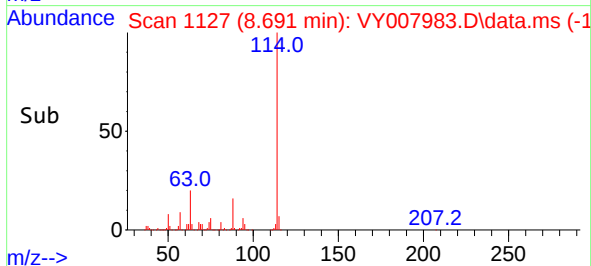
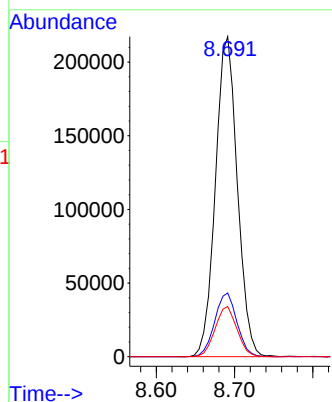
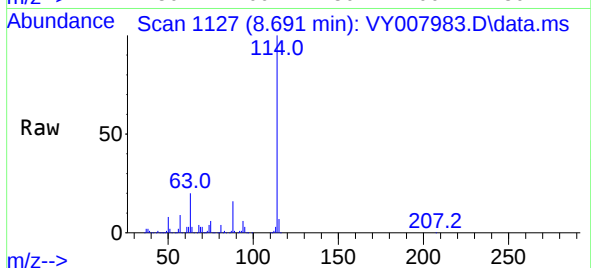
Tgt Ion:114 Resp: 422461

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.067 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007983.D

Acq: 22 Mar 2022 03:50

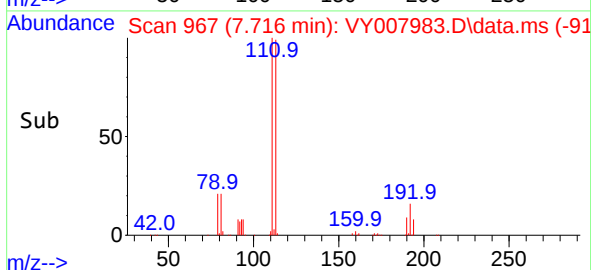
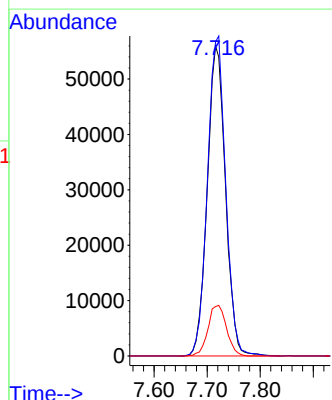
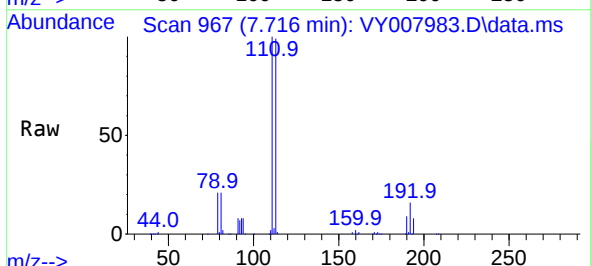
Tgt Ion:113 Resp: 133709

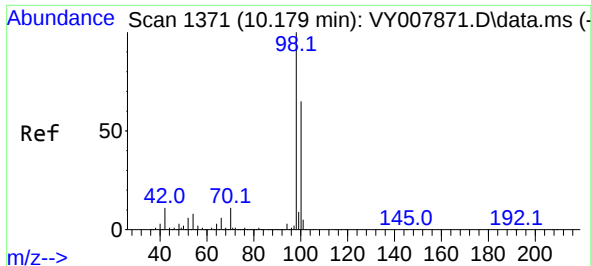
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 16.6 17.6 26.4#

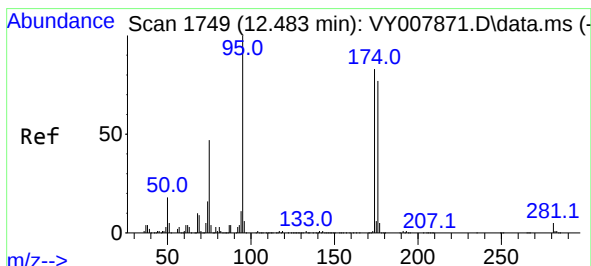
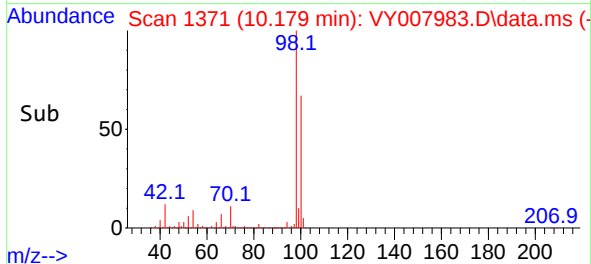
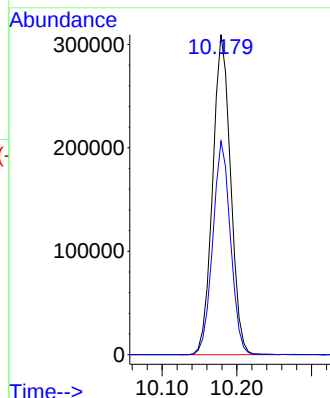
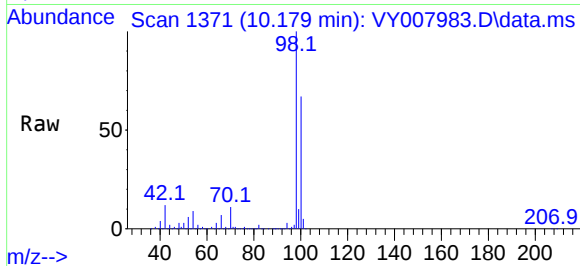




#50
Toluene-d8
Concen: 58.571 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

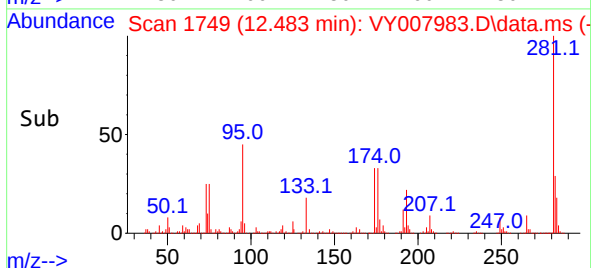
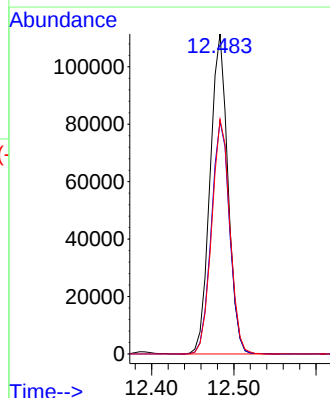
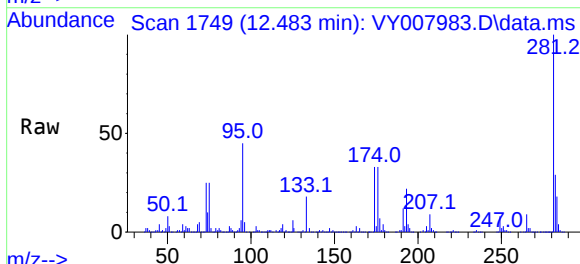
Instrument :
MSVOA_Y
ClientSampleId :
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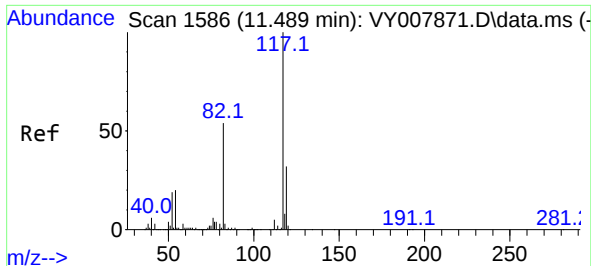
Tgt Ion: 98 Resp: 515700
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion: 95 Resp: 167913
Ion Ratio Lower Upper
95 100
174 74.5 0.0 177.0
176 74.5 0.0 175.8

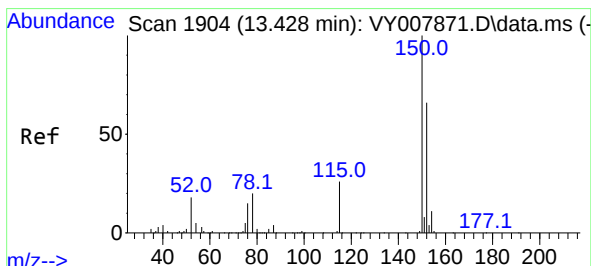
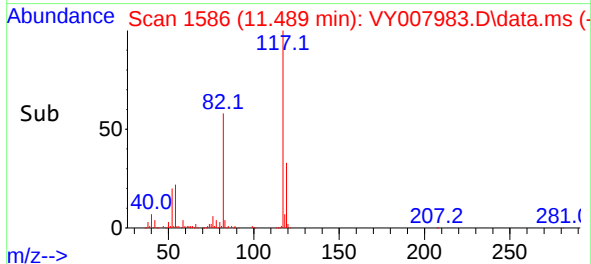
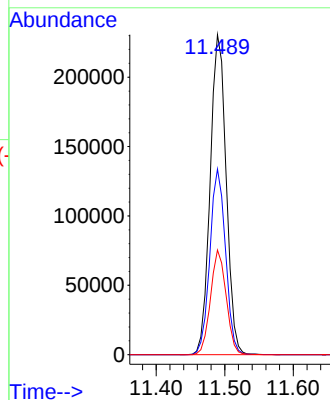
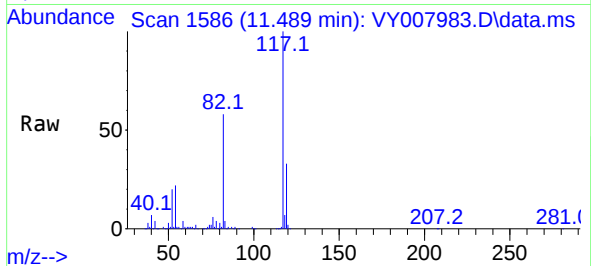




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007983.D
Acq: 22 Mar 2022 03:50

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2

Tgt Ion:	117	Resp:	374209
Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.0	64.4
119	32.7	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: VY007983.D
Acq: 22 Mar 2022 03:50

Tgt Ion:	152	Resp:	136272
Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.2	84.7
150	159.8	0.0	347.6

