

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007879.D
 Acq On : 17 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1853-03
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-01

Quant Time: Mar 17 18:23:00 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	190879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104736	48.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.716	113	98549	43.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.179	98	379834	56.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.620%
62) 4-Bromofluorobenzene	12.483	95	131266	40.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.440%

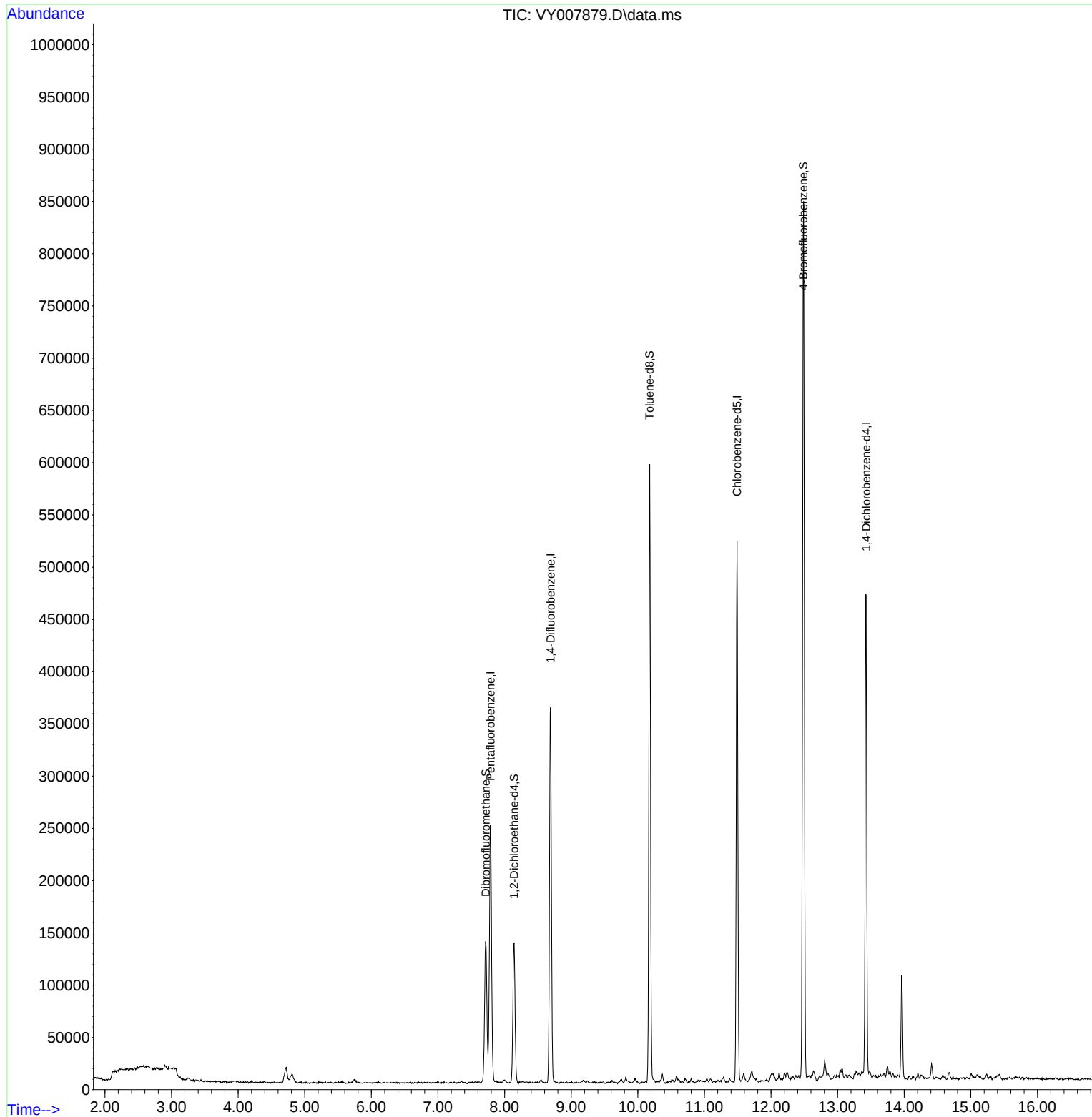
Target Compounds	Qvalue

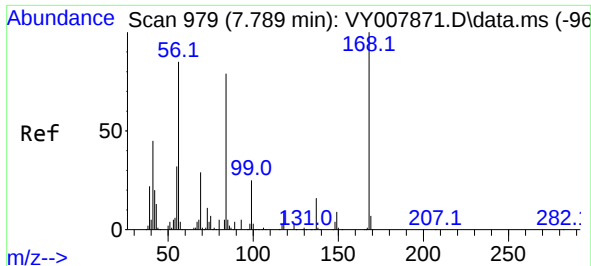
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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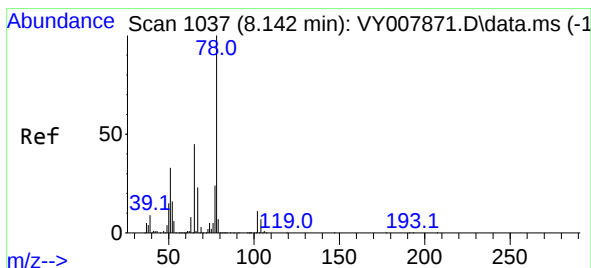
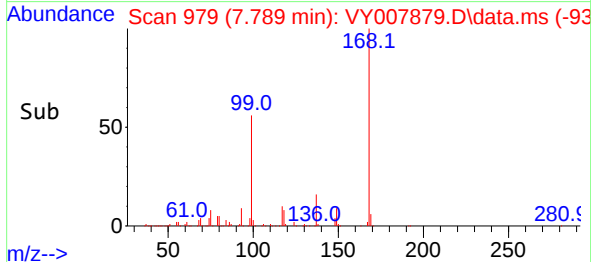
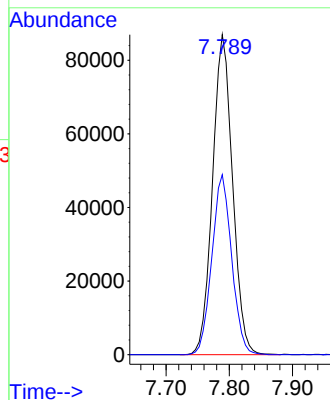
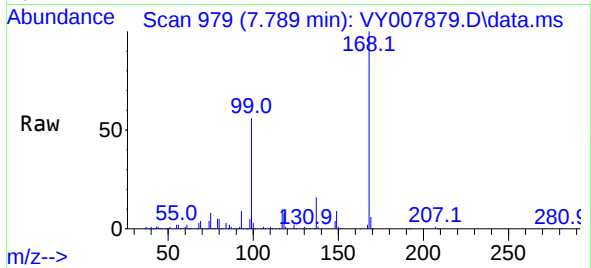




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

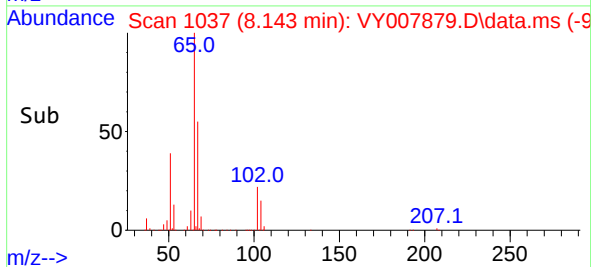
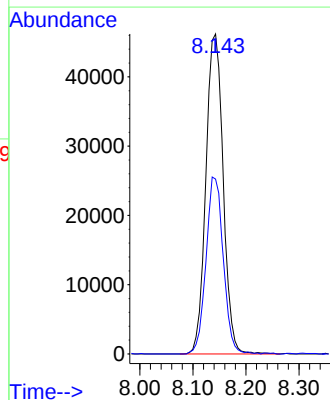
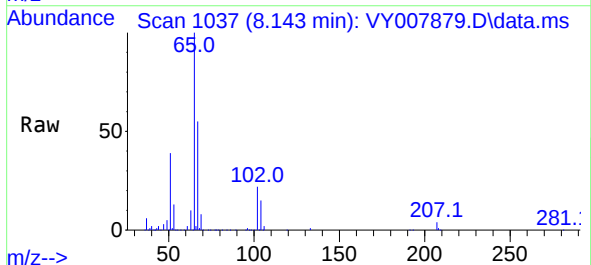
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

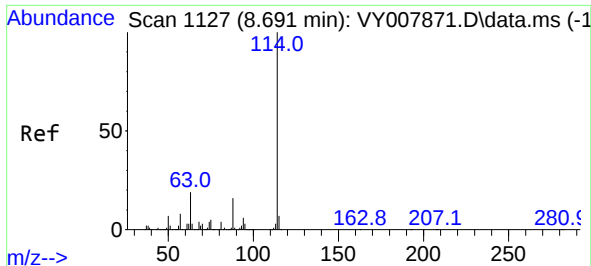
Tgt Ion:168 Resp: 190879
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.124 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 65 Resp: 104736
Ion Ratio Lower Upper
65 100
67 55.2 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: VY007879.D

Acq: 17 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2B-BASE-01

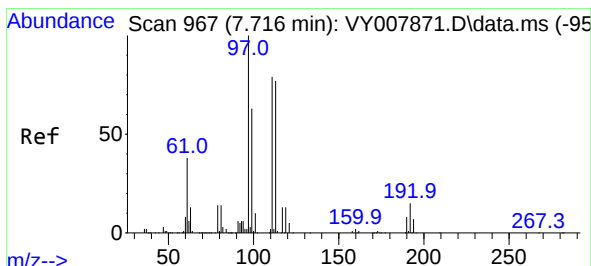
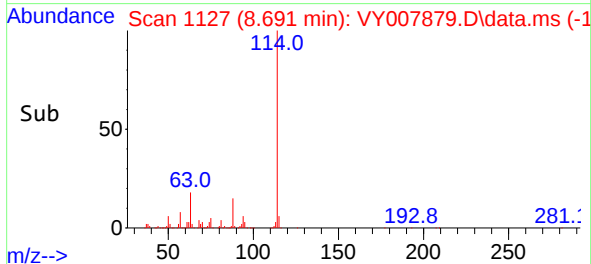
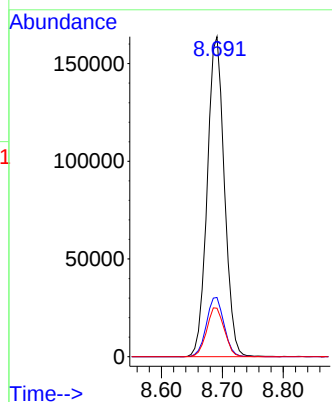
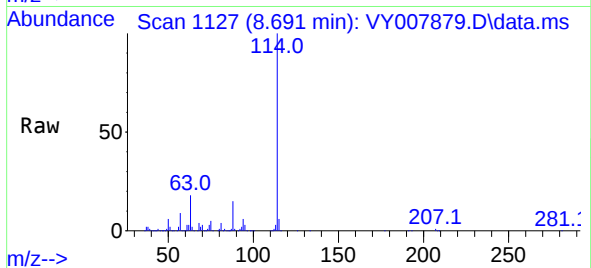
Tgt Ion:114 Resp: 319807

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.878 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007879.D

Acq: 17 Mar 2022 17:06

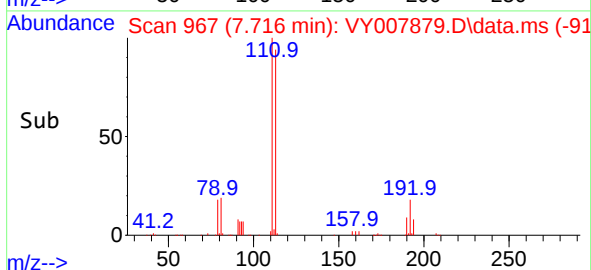
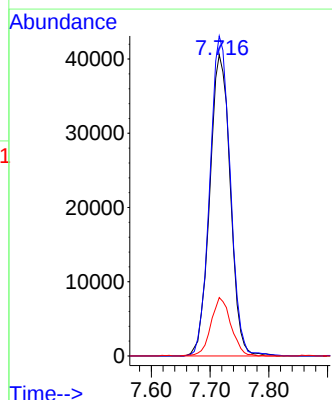
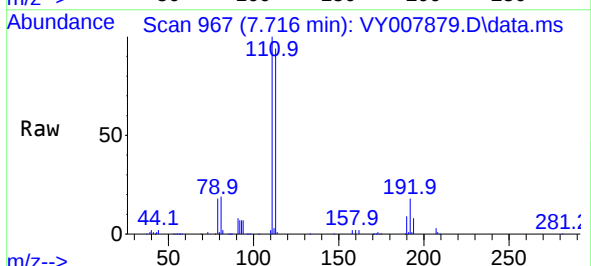
Tgt Ion:113 Resp: 98549

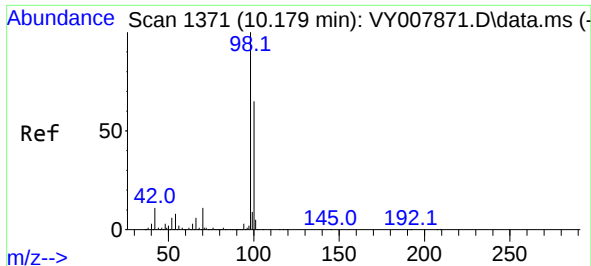
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 18.9 17.6 26.4

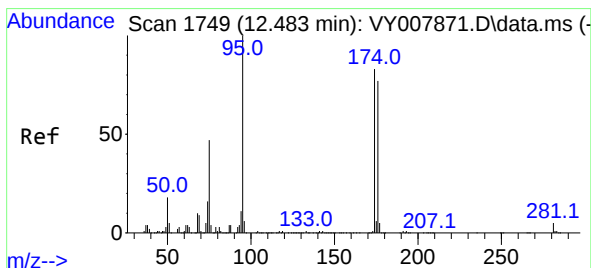
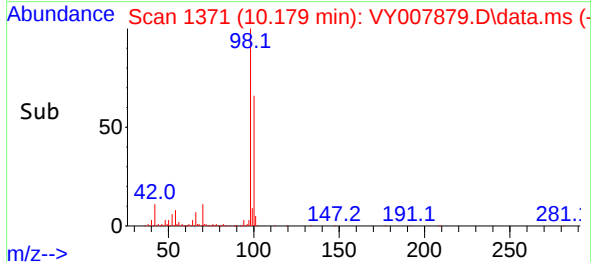
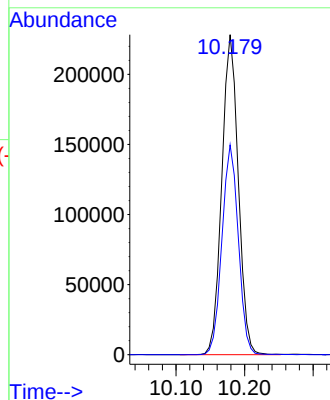
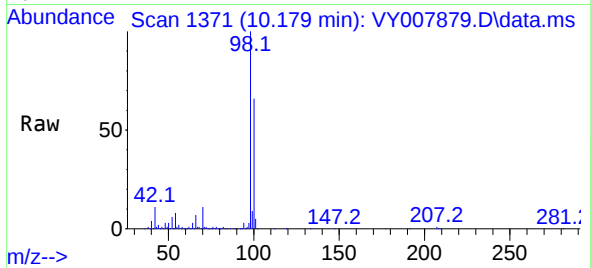




#50
Toluene-d8
Concen: 56.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

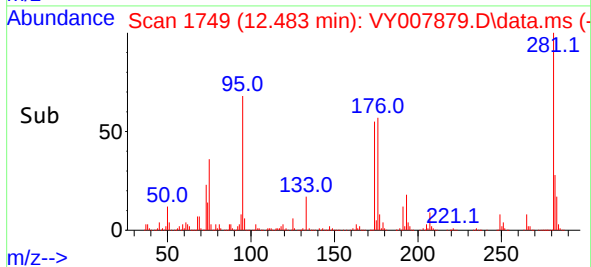
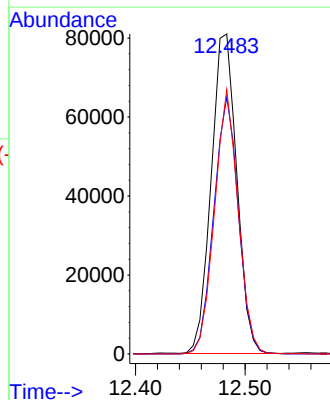
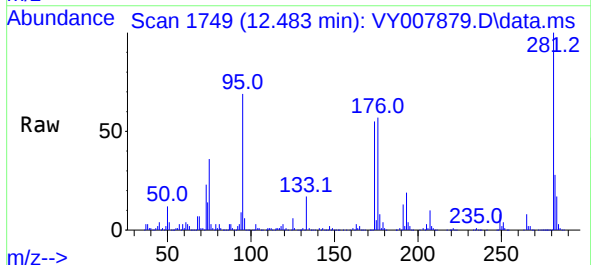
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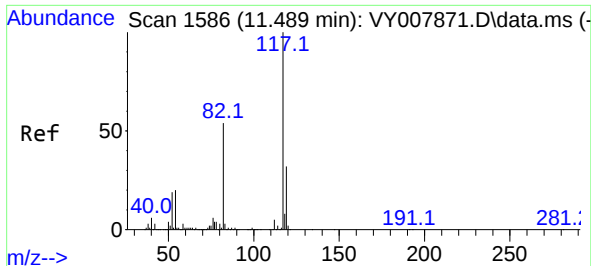
Tgt Ion: 98 Resp: 379834
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 95 Resp: 131266
Ion Ratio Lower Upper
95 100
174 77.0 0.0 177.0
176 76.3 0.0 175.8

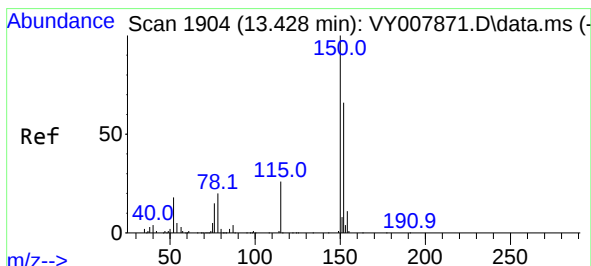
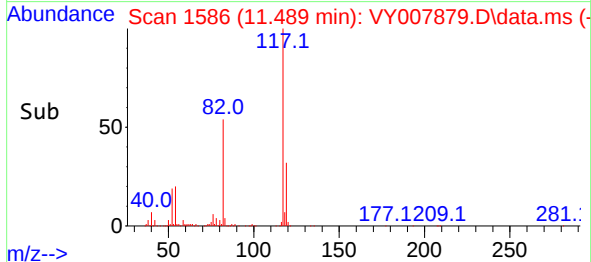
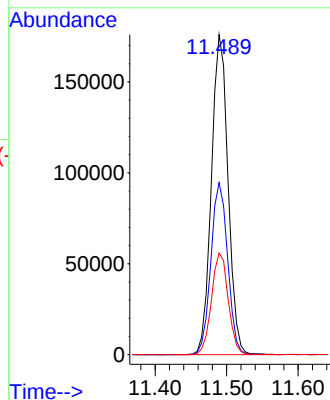
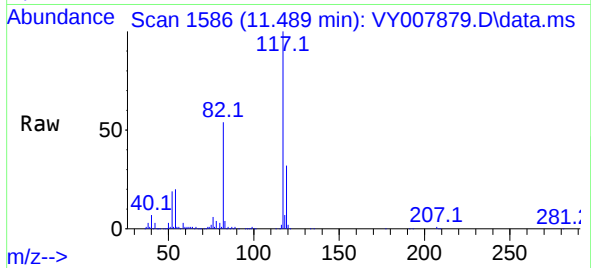




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

Tgt Ion:117 Resp: 284210
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 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: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion:152 Resp: 122989
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 157.0 0.0 347.6

