

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011527.D
 Acq On : 21 Nov 2022 16:26
 Operator : KP/MD
 Sample : N5678-05RE
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-03RE

Quant Time: Nov 22 01:46:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131601	72.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.980%
35) Dibromofluoromethane	7.715	113	112713	52.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.178	98	428925	55.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.780%
62) 4-Bromofluorobenzene	12.483	95	136215	47.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.140%

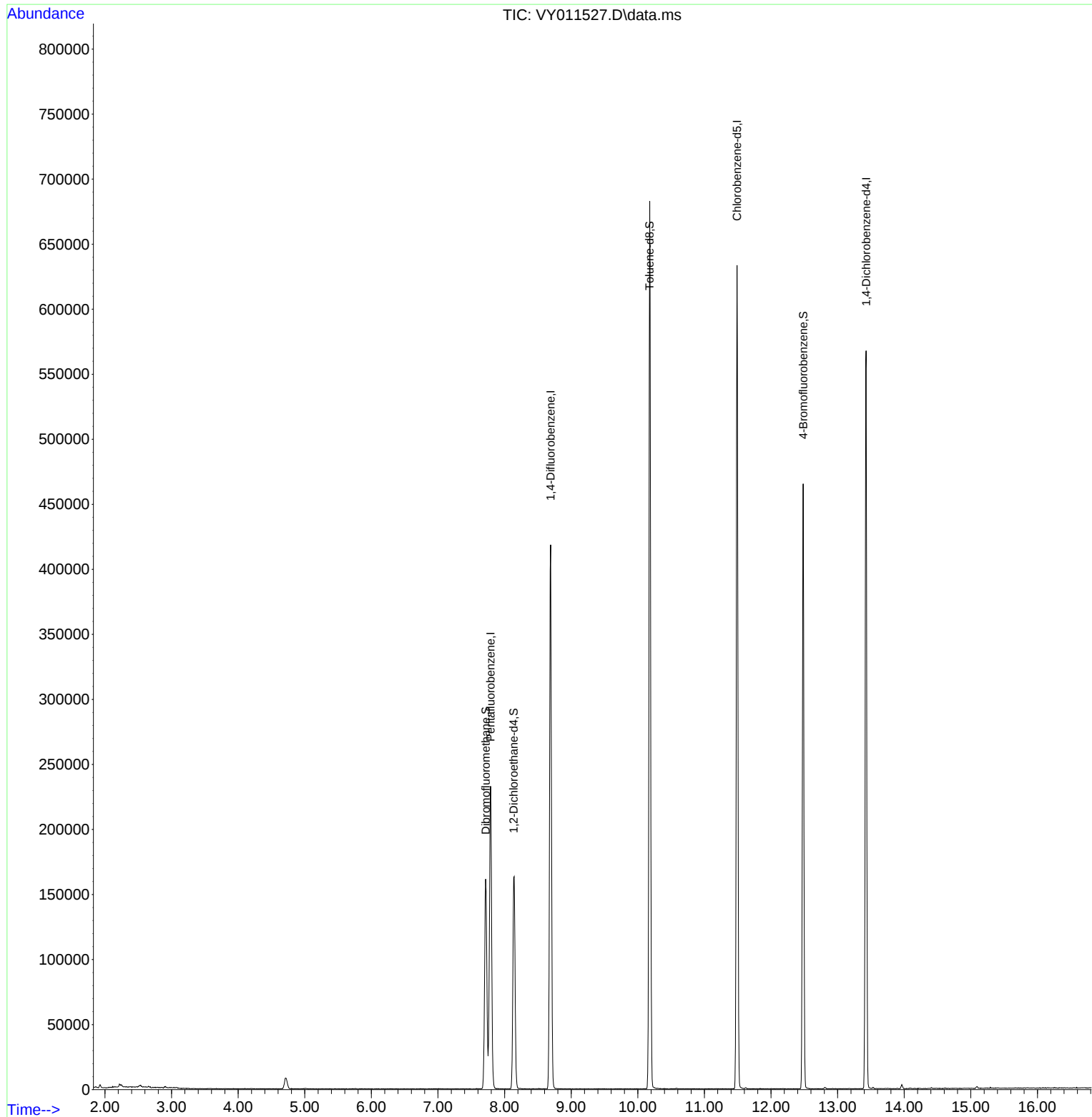
Target Compounds	Qvalue

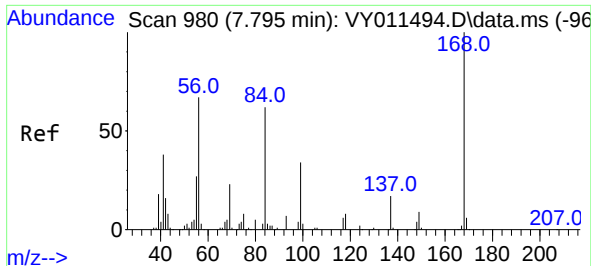
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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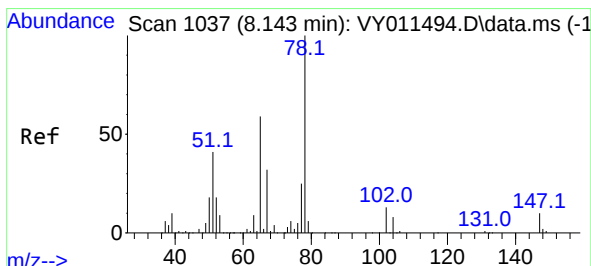
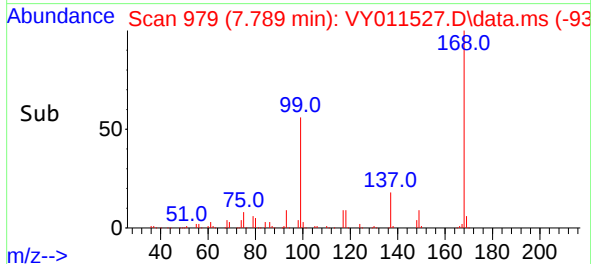
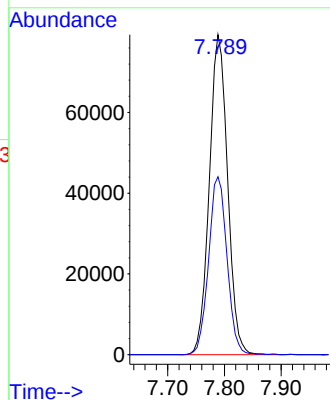
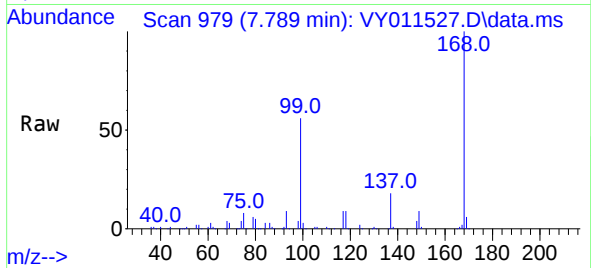




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

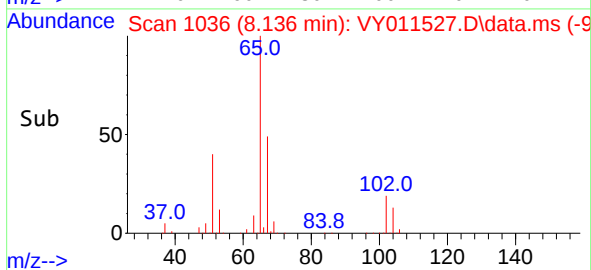
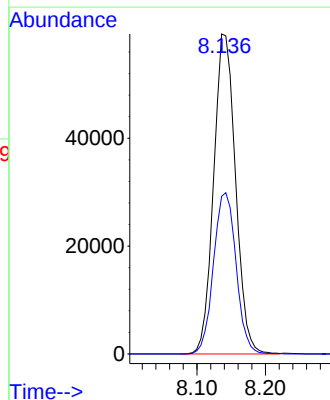
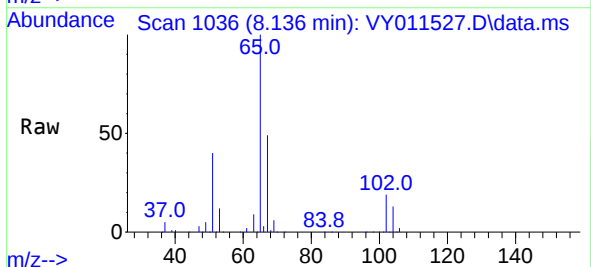
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-03RE

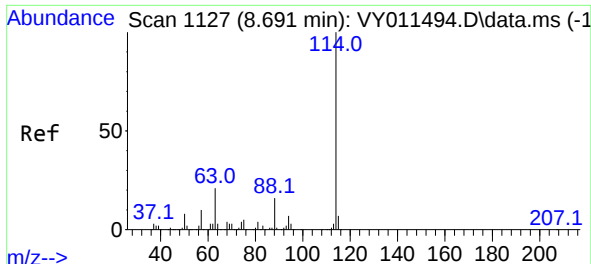
Tgt Ion:168 Resp: 177575
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.986 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 65 Resp: 131601
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011527.D

Acq: 21 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-03RE

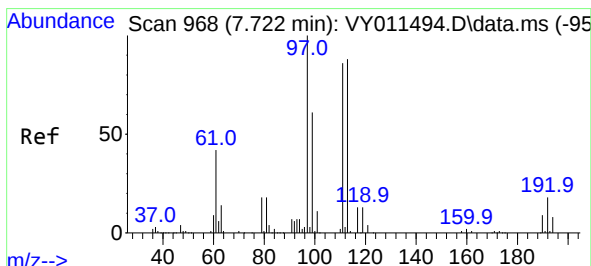
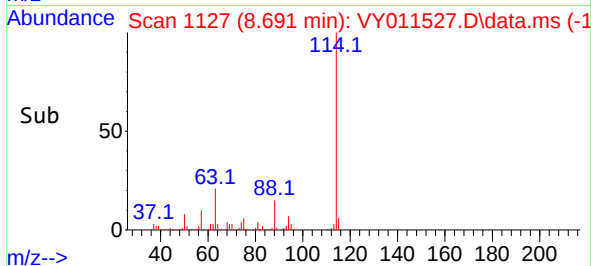
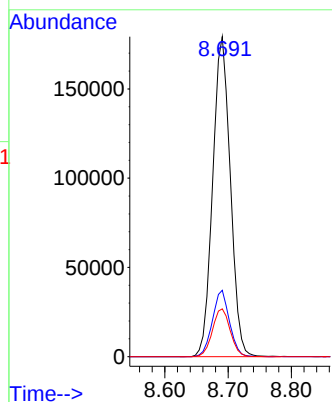
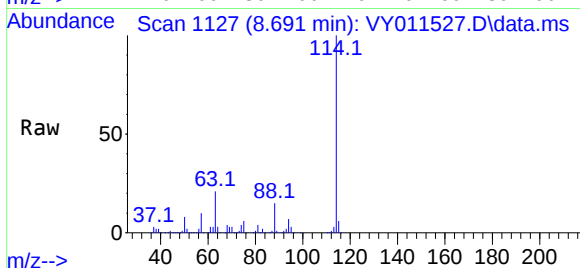
Tgt Ion:114 Resp: 346177

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.891 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.007 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

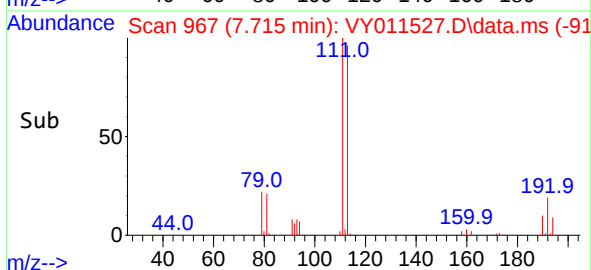
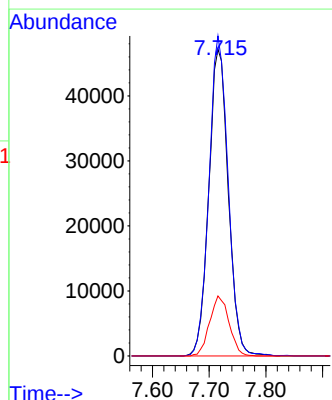
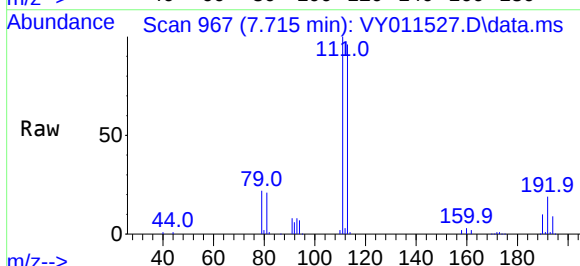
Tgt Ion:113 Resp: 112713

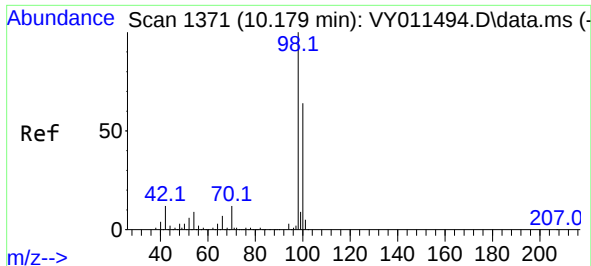
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.5 17.6 26.4

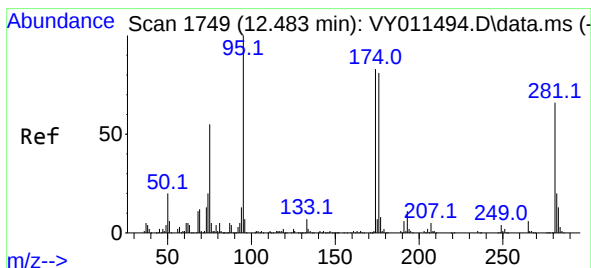
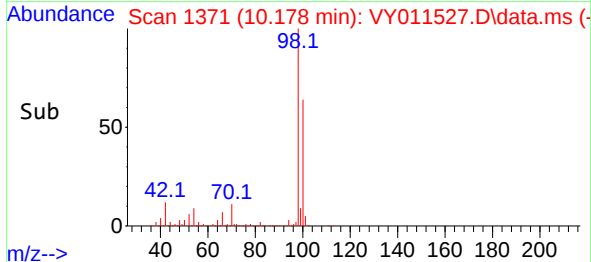
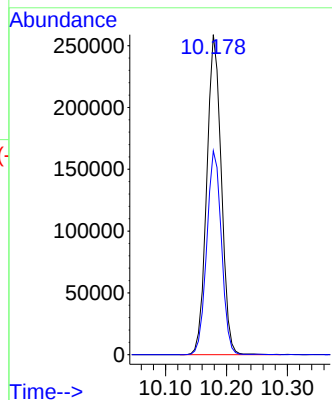
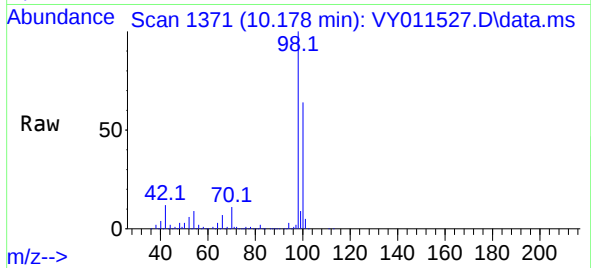




#50
Toluene-d8
Concen: 55.388 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

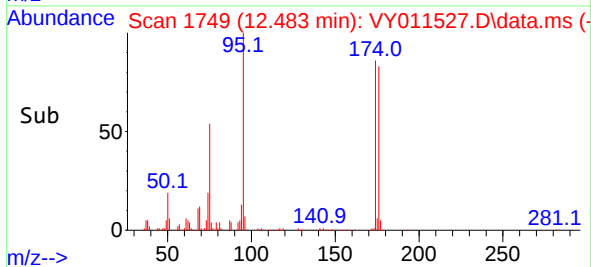
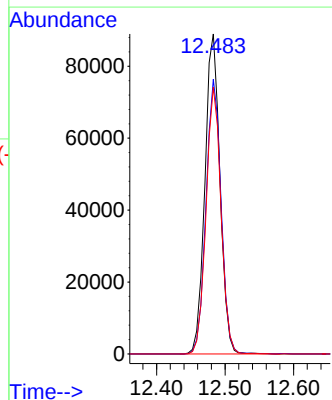
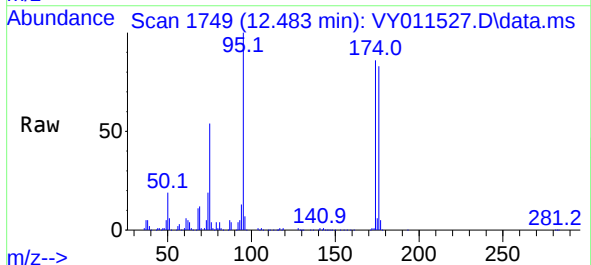
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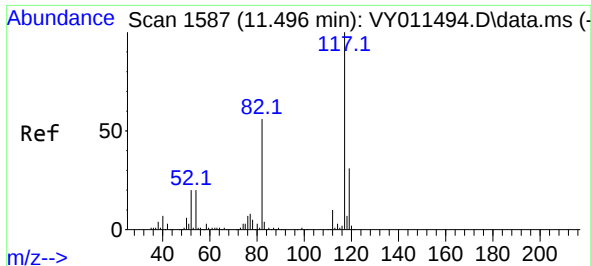
Tgt Ion: 98 Resp: 428925
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 95 Resp: 136215
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.7 0.0 175.8

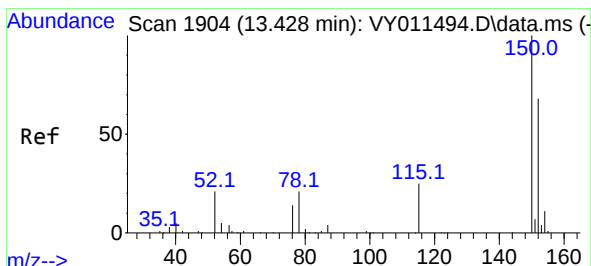
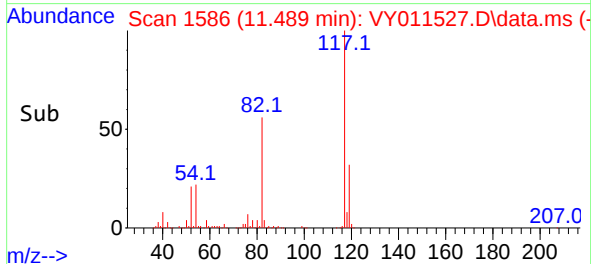
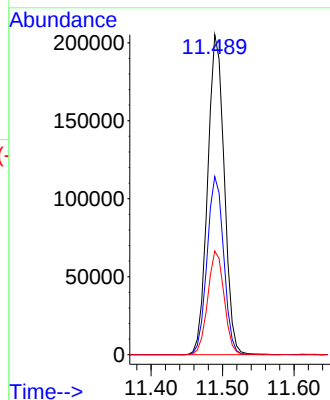
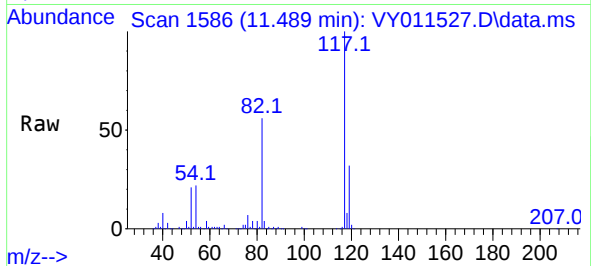




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	330967
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	32.4	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: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion:	152	Resp:	143074
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	158.1	0.0	347.6

