

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007951.D
 Acq On : 21 Mar 2022 13:52
 Operator : SY/MD
 Sample : N1875-11RE
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10CRE

Quant Time: Mar 22 03:39:08 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	7.795	168	2489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3424	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1622	57.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.300%	
35) Dibromofluoromethane	7.710	113	1252	37.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.540%	
50) Toluene-d8	10.179	98	5751	57.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.200%	
62) 4-Bromofluorobenzene	12.483	95	1042	21.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 43.220%	

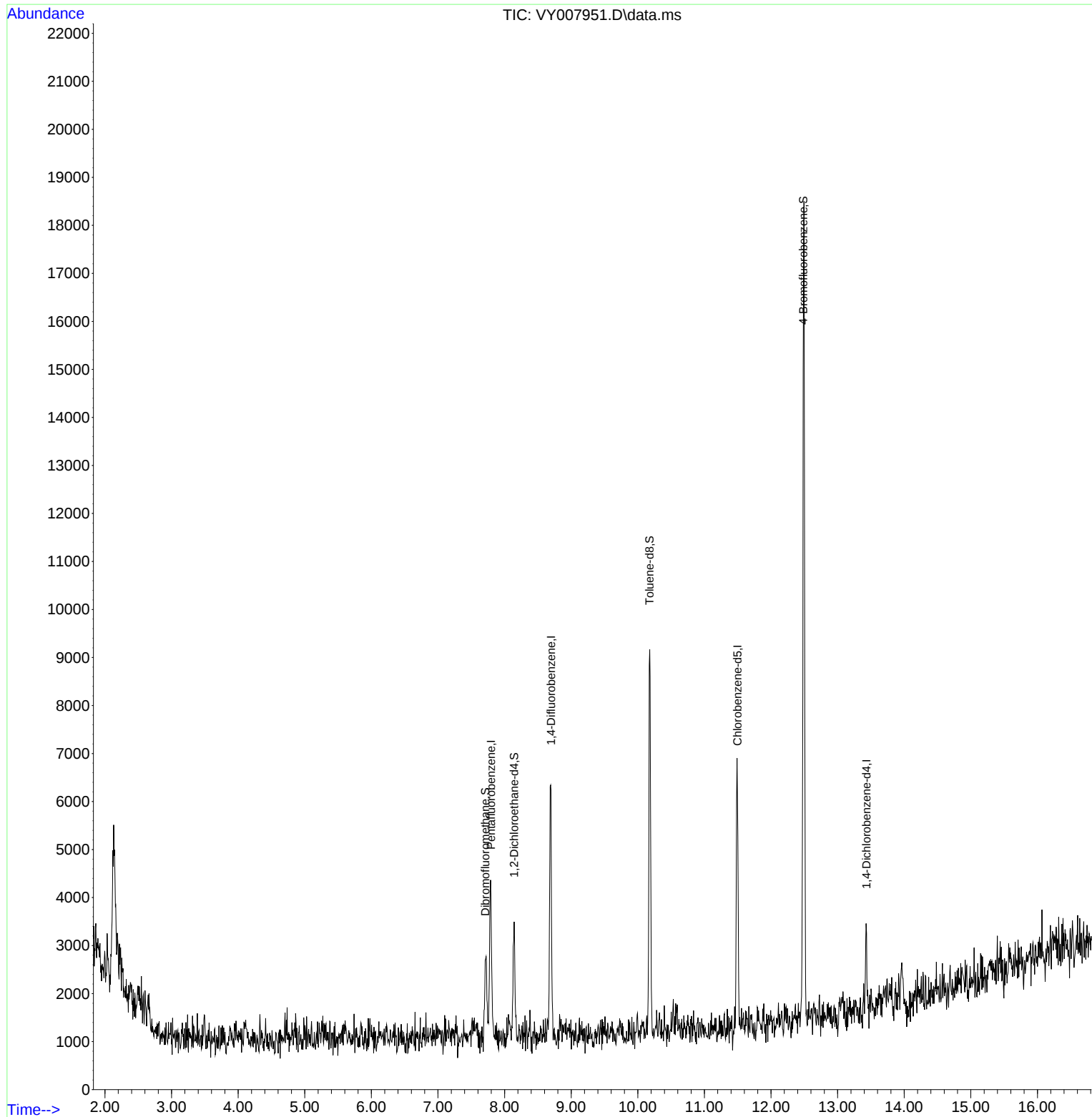
Target Compounds	Qvalue

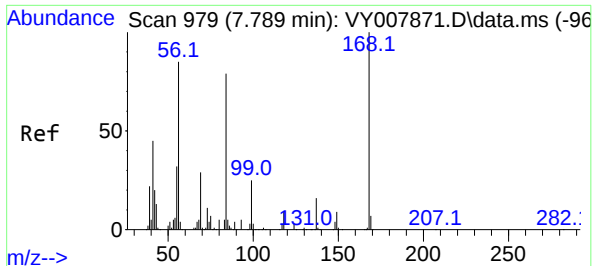
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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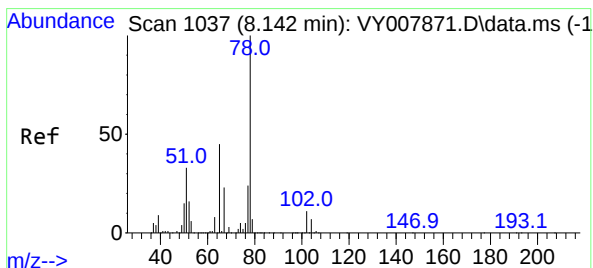
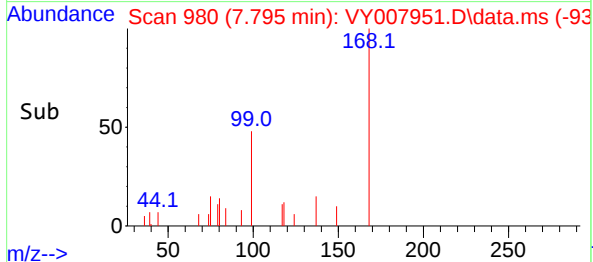
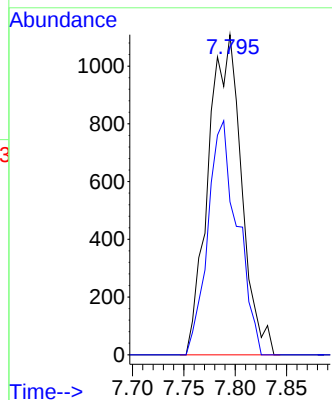
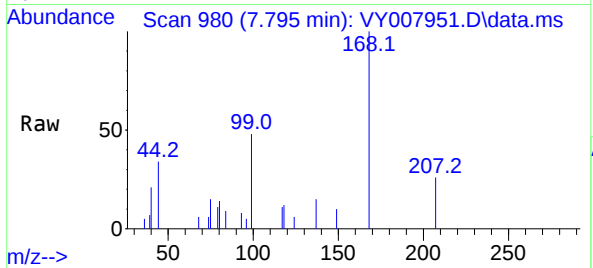




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

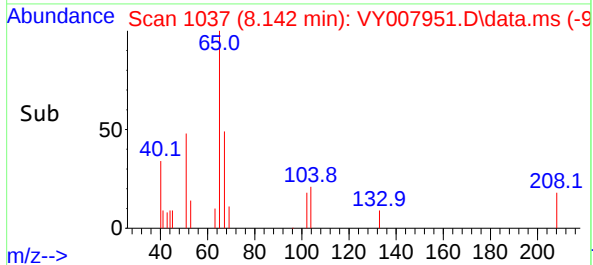
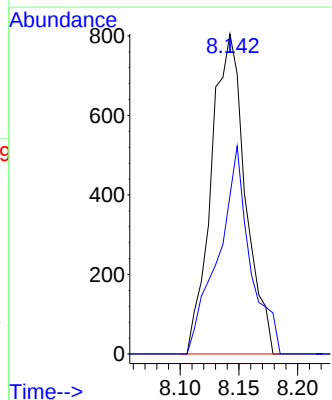
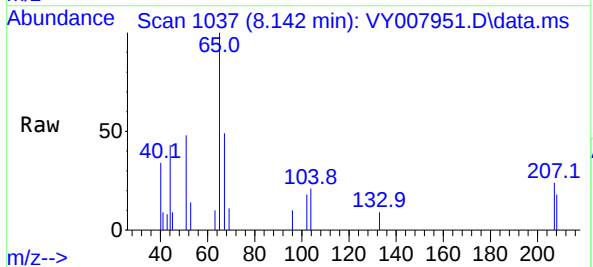
Instrument :
MSVOA_Y
ClientSampleId :
SB-10CRE

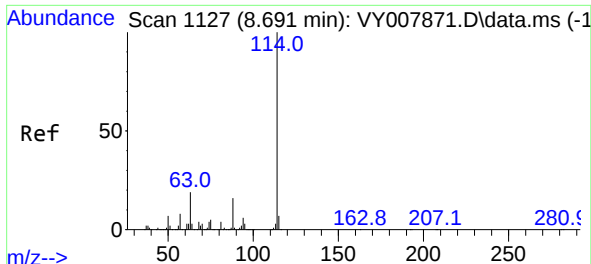
Tgt Ion:168 Resp: 2489
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.154 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

Tgt Ion: 65 Resp: 1622
Ion Ratio Lower Upper
65 100
67 60.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007951.D

Acq: 21 Mar 2022 13:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-10CRE

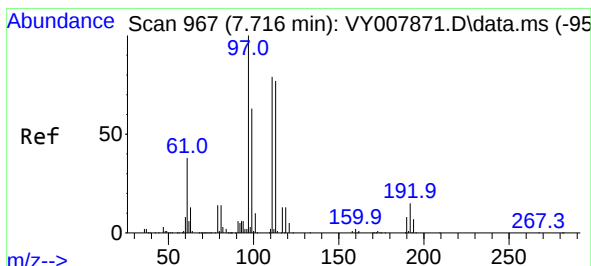
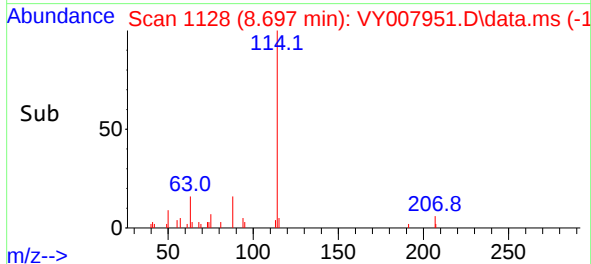
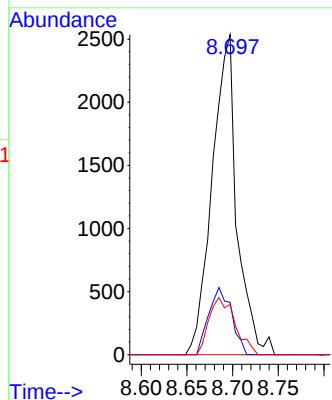
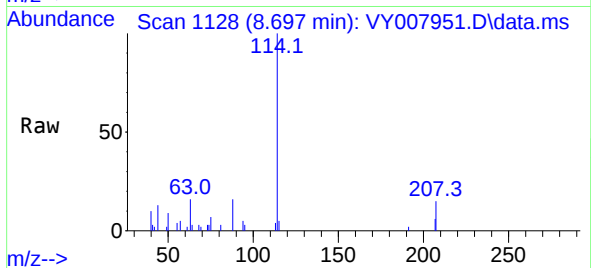
Tgt Ion:114 Resp: 4783

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 37.272 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY007951.D

Acq: 21 Mar 2022 13:52

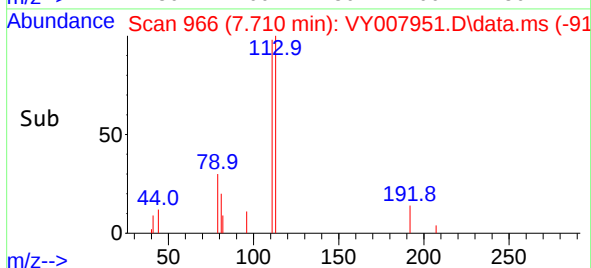
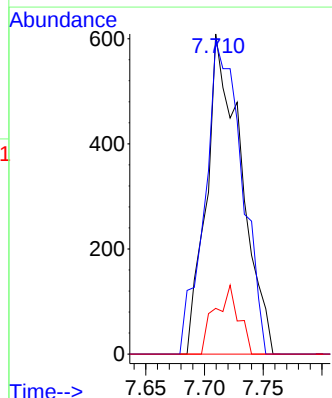
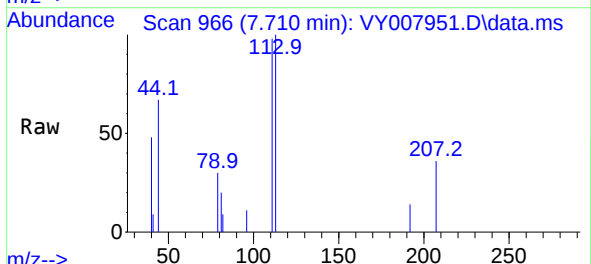
Tgt Ion:113 Resp: 1252

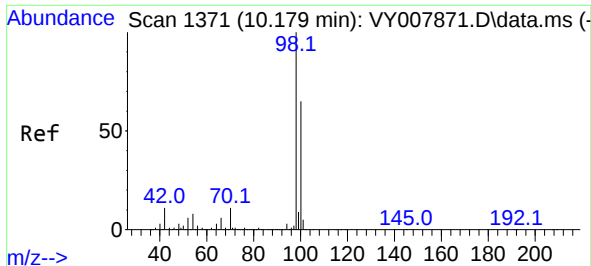
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 14.7 17.6 26.4#

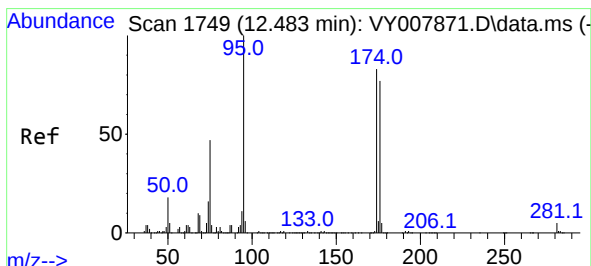
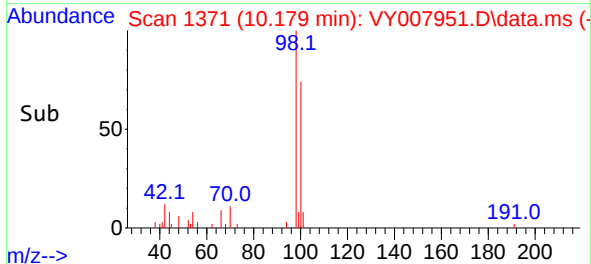
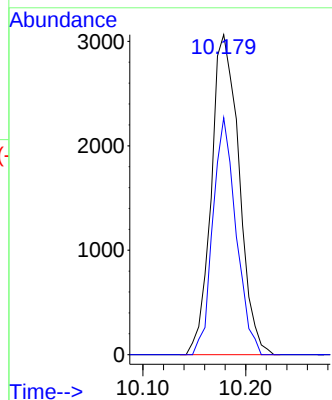
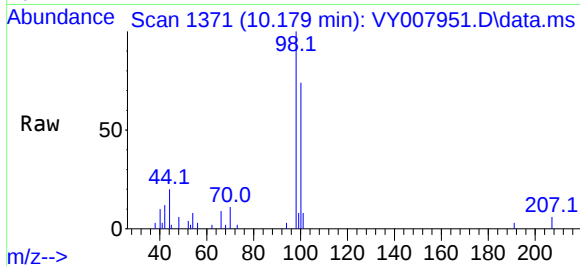




#50
Toluene-d8
Concen: 57.596 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

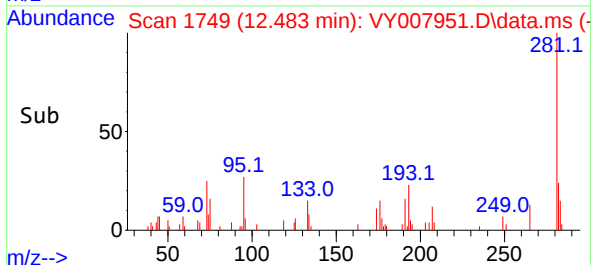
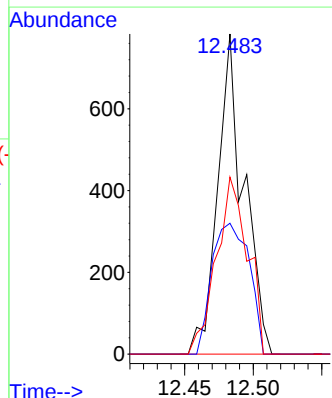
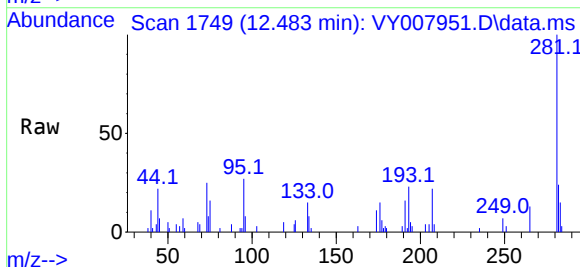
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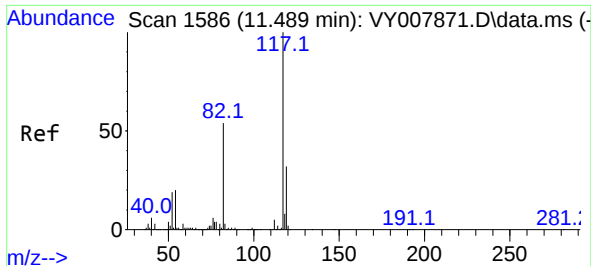
Tgt Ion: 98 Resp: 5751
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 21.614 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

Tgt Ion: 95 Resp: 1042
Ion Ratio Lower Upper
95 100
174 58.2 0.0 177.0
176 65.8 0.0 175.8

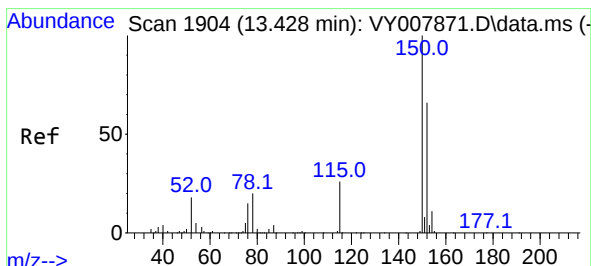
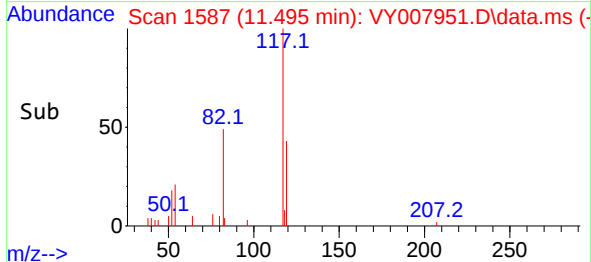
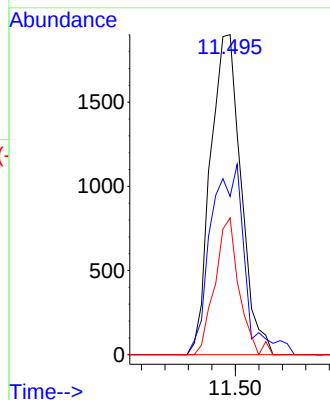
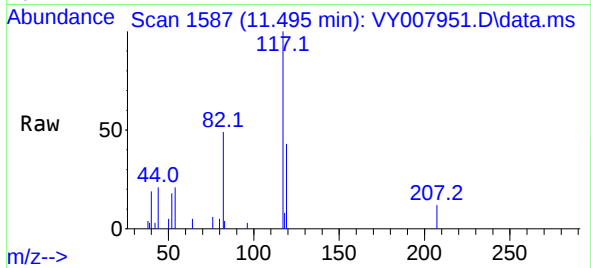




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-10CRE

Tgt Ion:117	Resp:	3424
Ion	Ratio	Lower Upper
117	100	
82	49.4	43.0 64.4
119	42.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY007951.D
Acq: 21 Mar 2022 13:52

Tgt Ion:152	Resp:	381
Ion	Ratio	Lower Upper
152	100	
115	79.5	28.2 84.7
150	188.7	0.0 347.6

