

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007887.D
 Acq On : 17 Mar 2022 20:13
 Operator : SY/MD
 Sample : N1875-13
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10D

Quant Time: Mar 18 08:57:28 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	49308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	44618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17613	31.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.660%
35) Dibromofluoromethane	7.709	113	19833	38.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.600%
50) Toluene-d8	10.178	98	80926	52.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.483	95	14932	20.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.720%

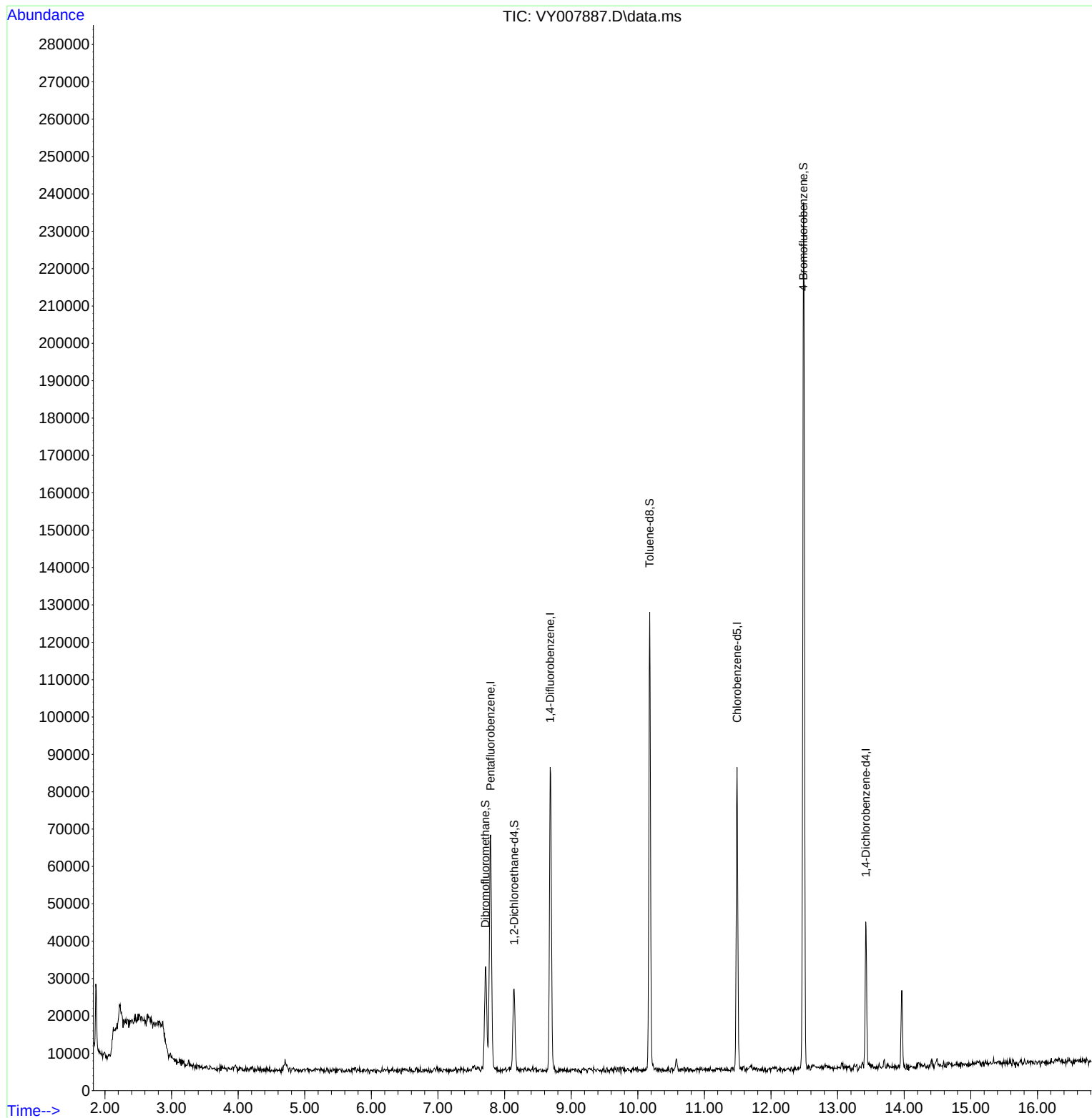
Target Compounds	Qvalue

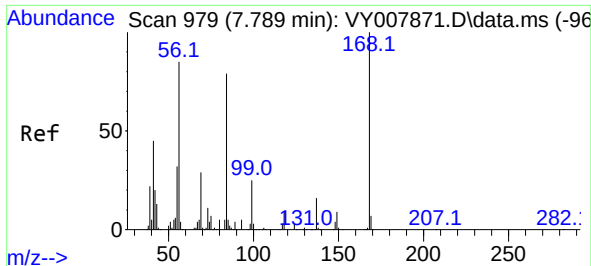
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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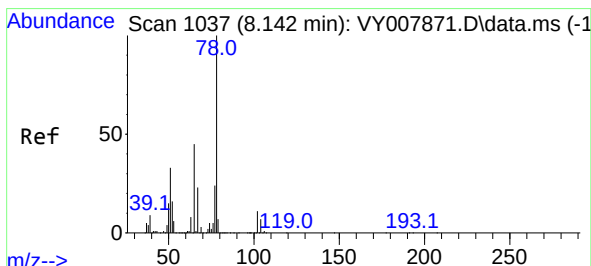
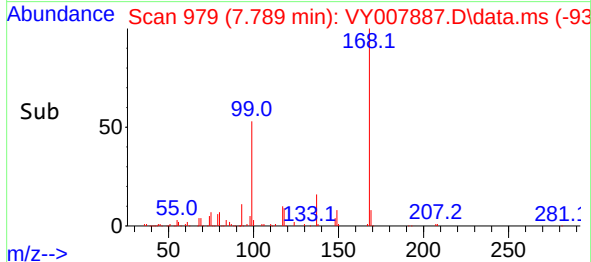
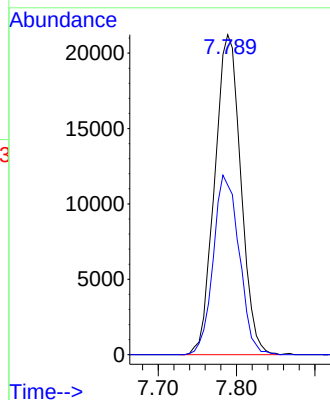
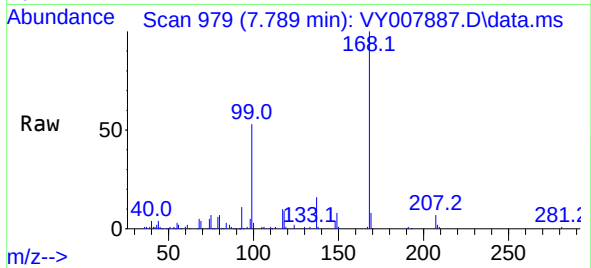




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

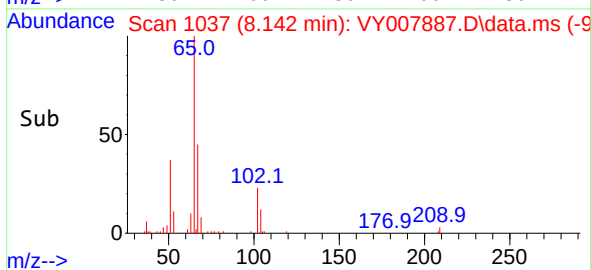
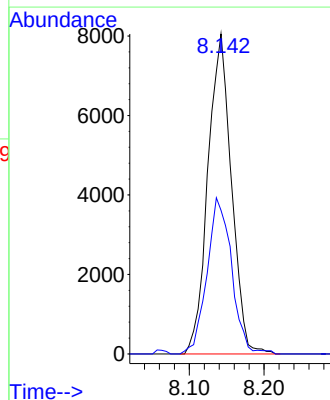
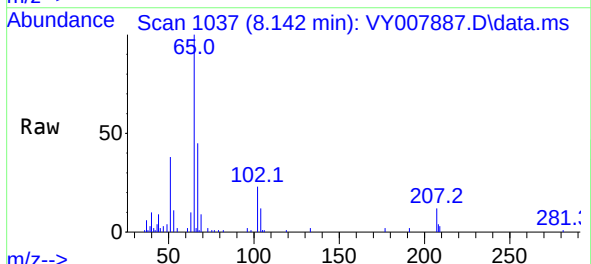
Instrument :
MSVOA_Y
ClientSampleId :
SB-10D

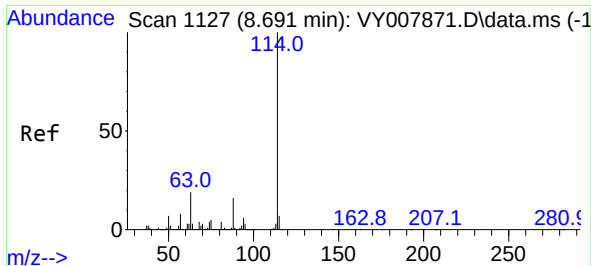
Tgt Ion:168 Resp: 49308
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 31.329 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

Tgt Ion: 65 Resp: 17613
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VY007887.D

Acq: 17 Mar 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-10D

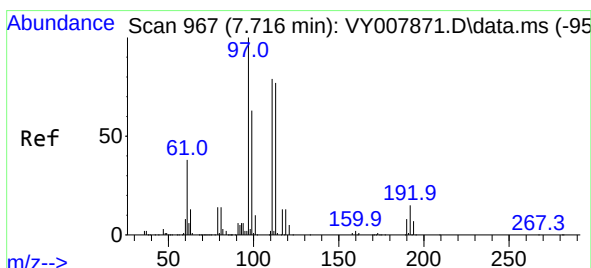
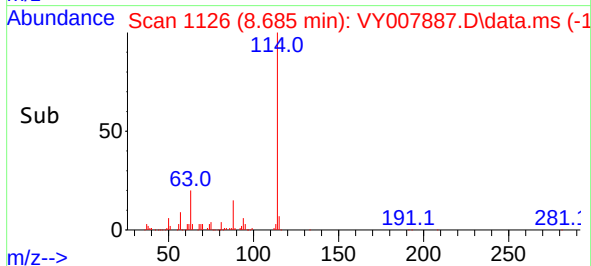
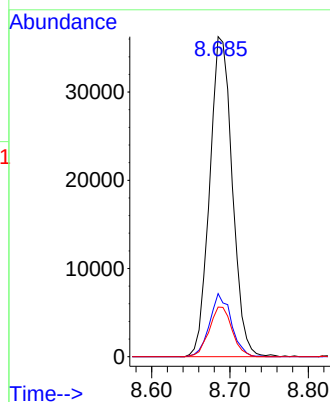
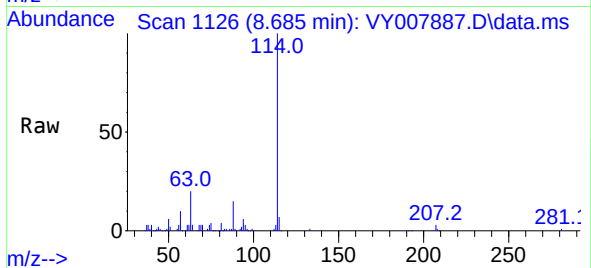
Tgt Ion:114 Resp: 72777

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.804 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY007887.D

Acq: 17 Mar 2022 20:13

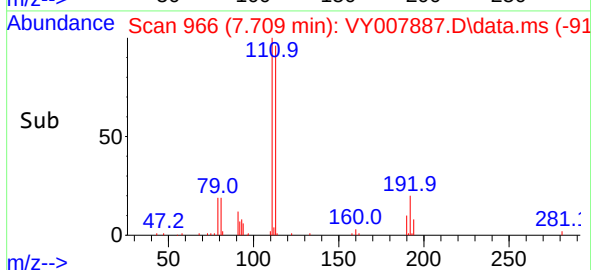
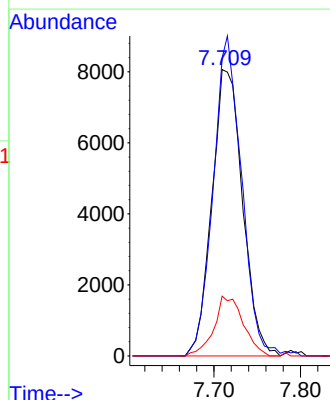
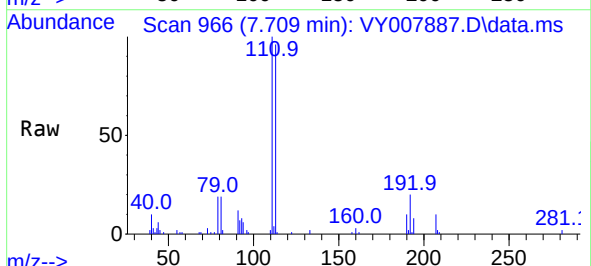
Tgt Ion:113 Resp: 19833

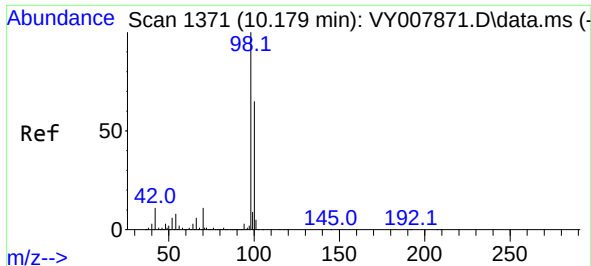
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.9 17.6 26.4

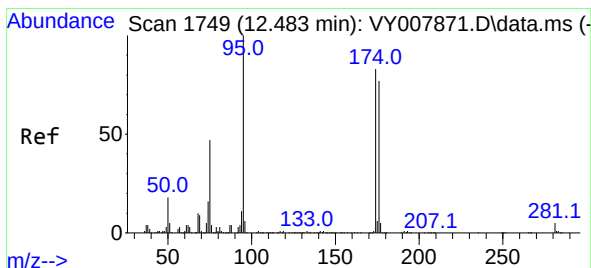
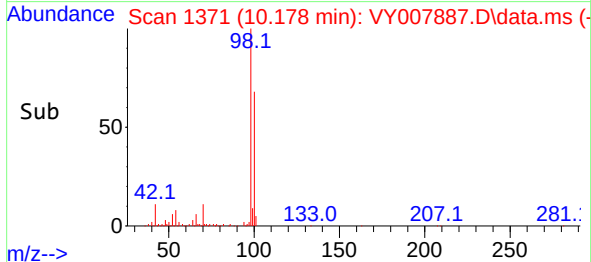
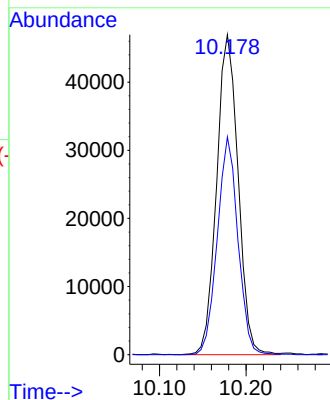
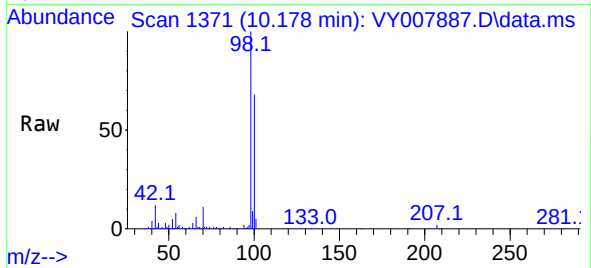




#50
Toluene-d8
Concen: 52.781 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

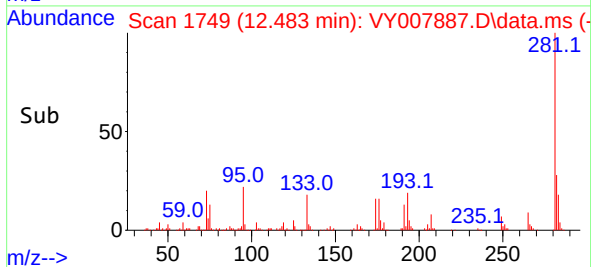
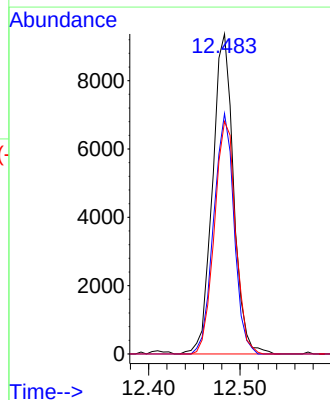
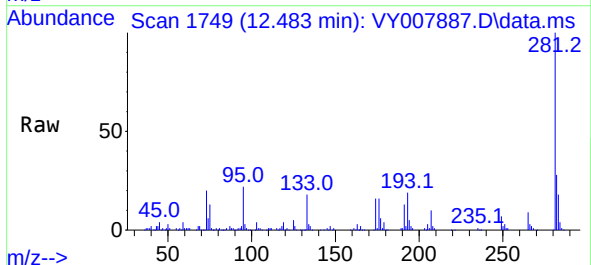
Instrument :
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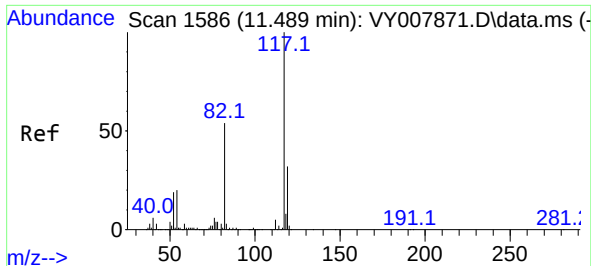
Tgt Ion: 98 Resp: 80926
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 20.356 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

Tgt Ion: 95 Resp: 14932
Ion Ratio Lower Upper
95 100
174 72.9 0.0 177.0
176 73.1 0.0 175.8

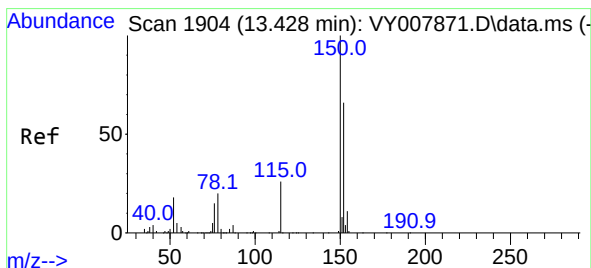
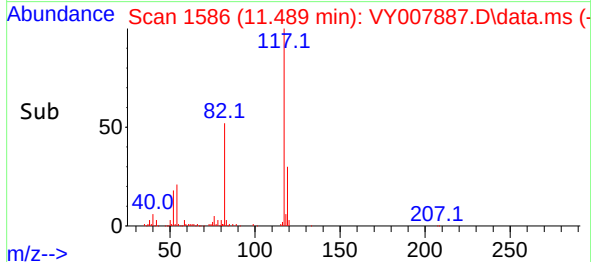
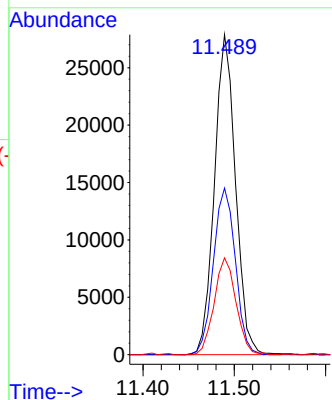
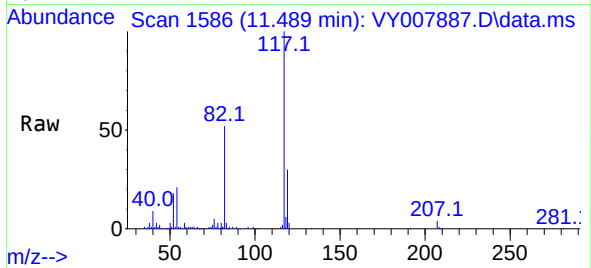




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-10D

Tgt Ion:117	Resp:	44618
Ion Ratio	Lower	Upper
117	100	
82	52.1	43.0 64.4
119	30.2	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.007 min
Lab File: VY007887.D
Acq: 17 Mar 2022 20:13

Tgt Ion:152	Resp:	9787
Ion Ratio	Lower	Upper
152	100	
115	59.9	28.2 84.7
150	153.0	0.0 347.6

