

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008478.D
 Acq On : 25 Apr 2022 13:43
 Operator : KP/MD
 Sample : N2478-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279

Quant Time: Apr 26 01:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	15580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8343	45.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.722	113	8178	47.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.179	98	30655	44.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.920%
62) 4-Bromofluorobenzene	12.483	95	9039	39.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.060%

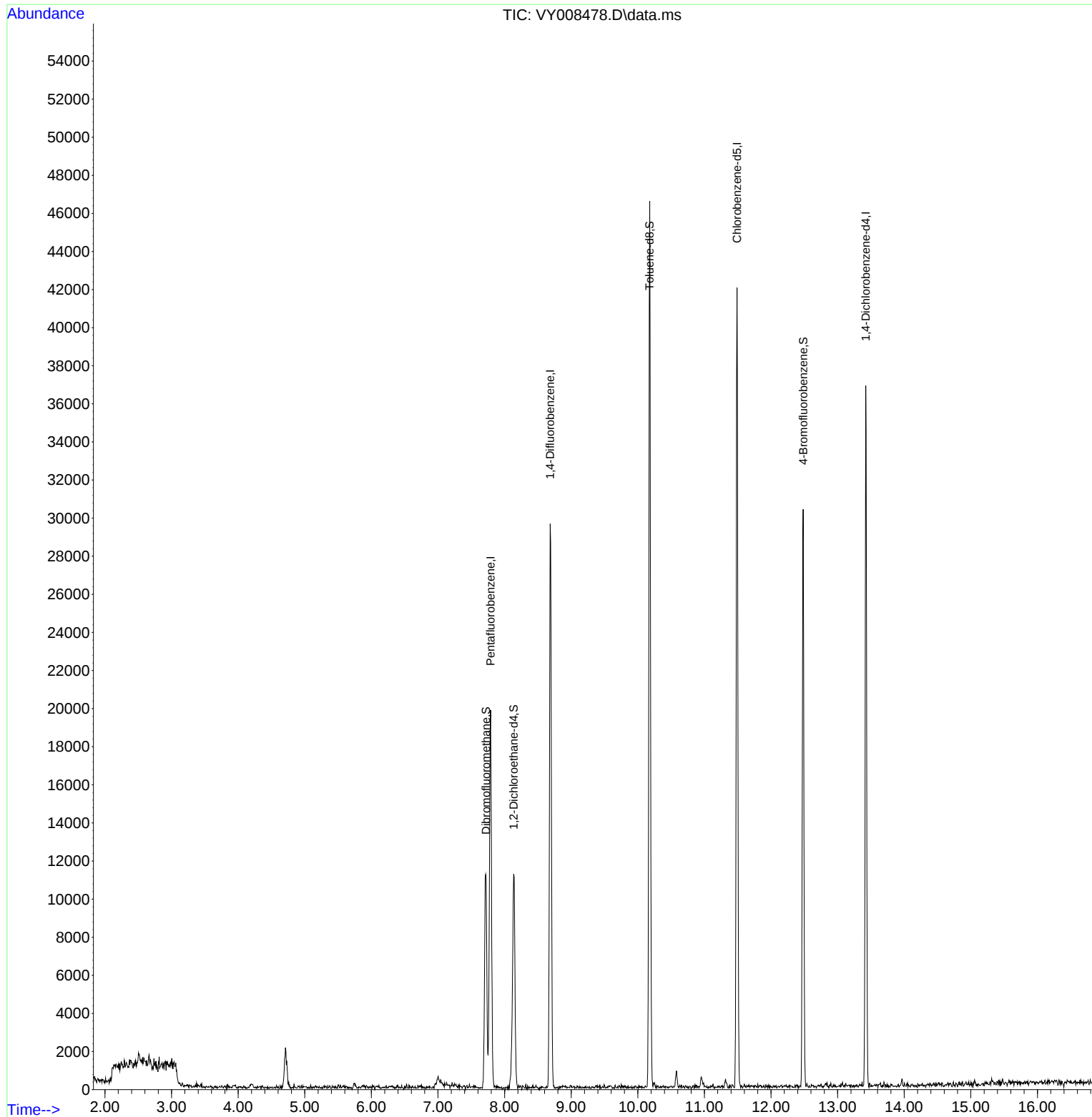
Target Compounds	Qvalue

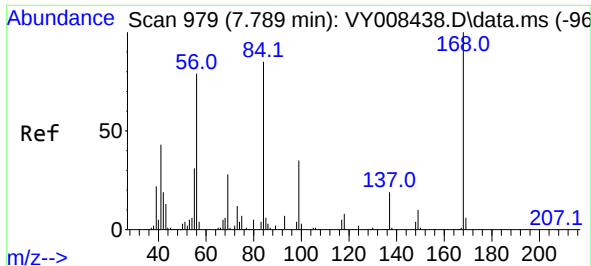
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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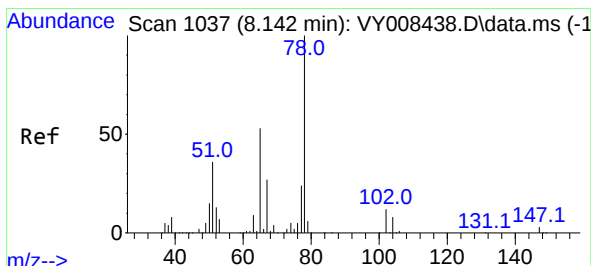
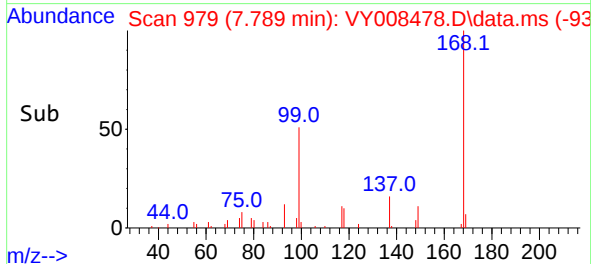
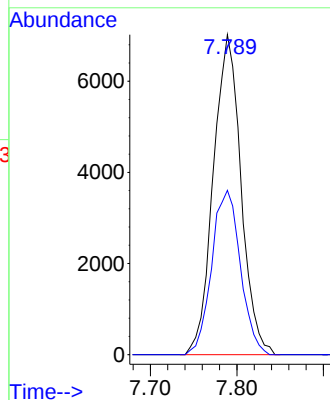
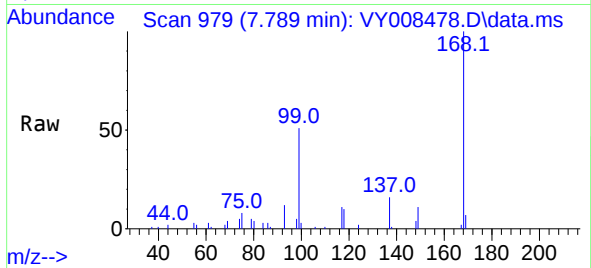




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

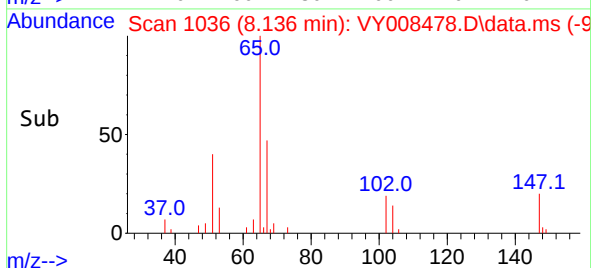
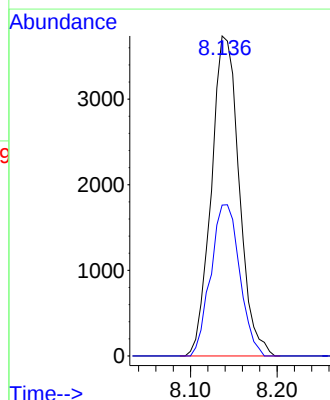
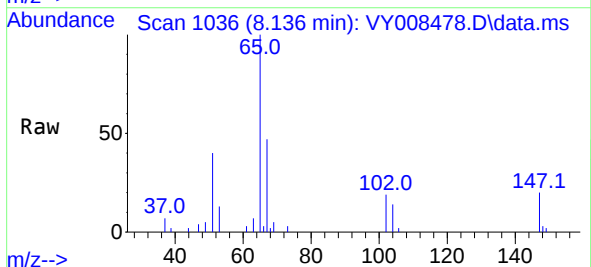
Instrument :
MSVOA_Y
ClientSampleId :
279

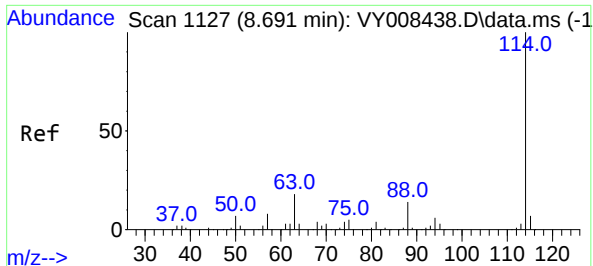
Tgt Ion:168 Resp: 15580
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Tgt Ion: 65 Resp: 8343
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

279

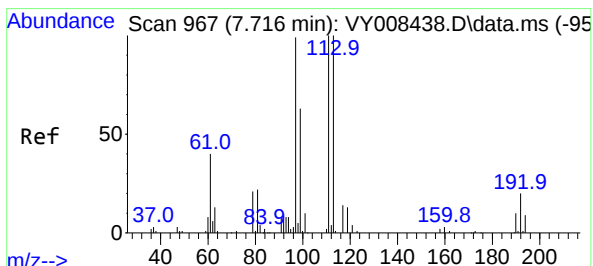
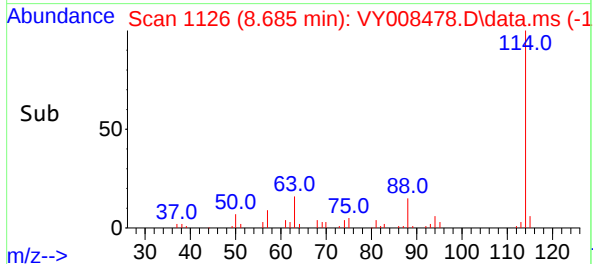
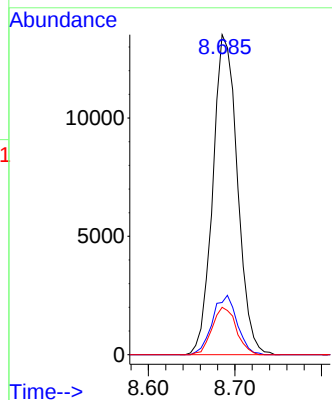
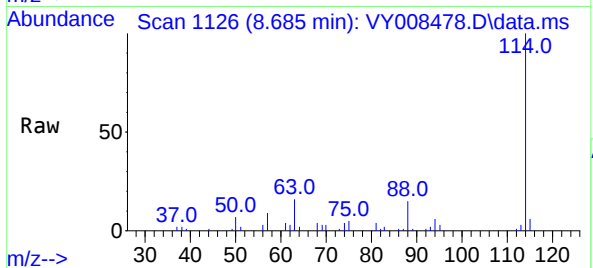
Tgt Ion:114 Resp: 26647

Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.553 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

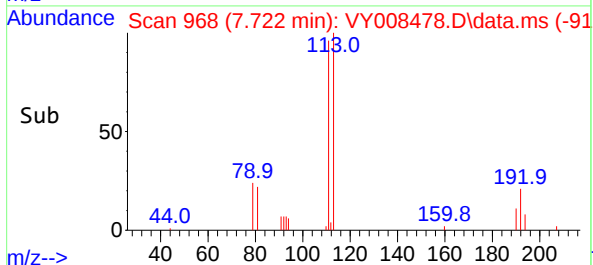
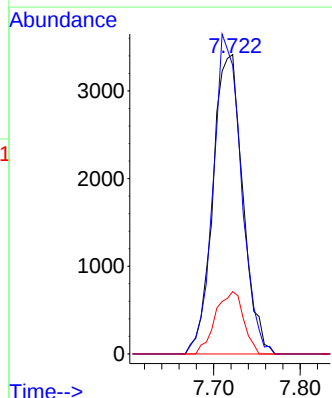
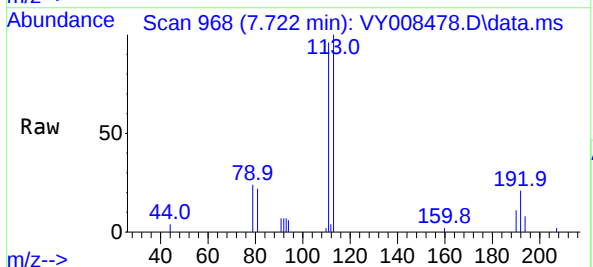
Tgt Ion:113 Resp: 8178

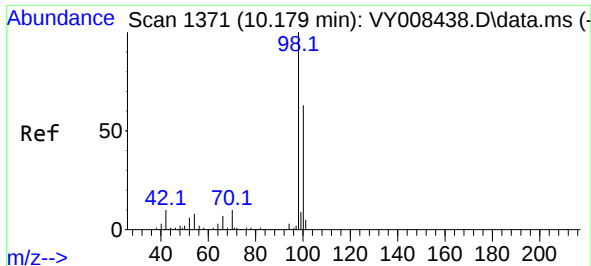
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 19.5 17.6 26.4

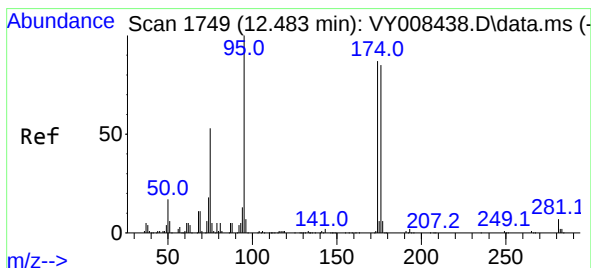
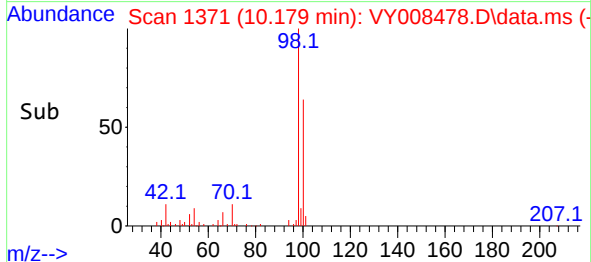
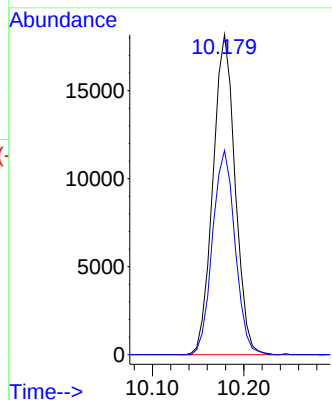
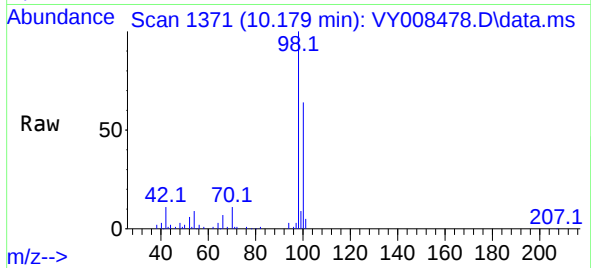




#50
Toluene-d8
Concen: 44.958 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

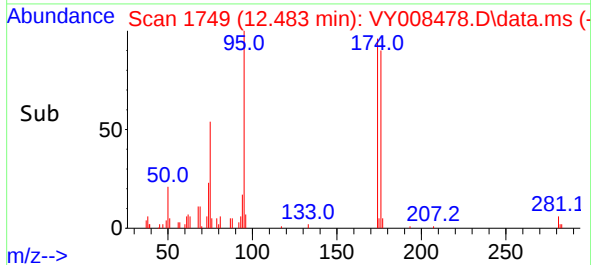
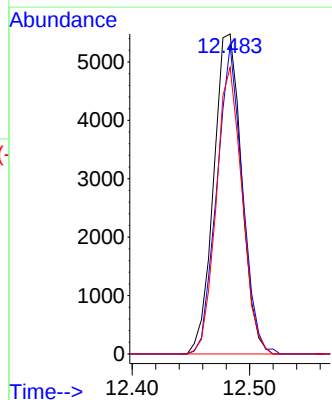
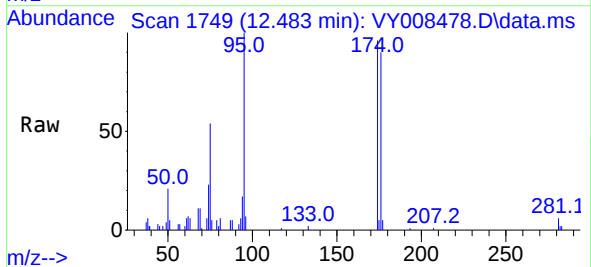
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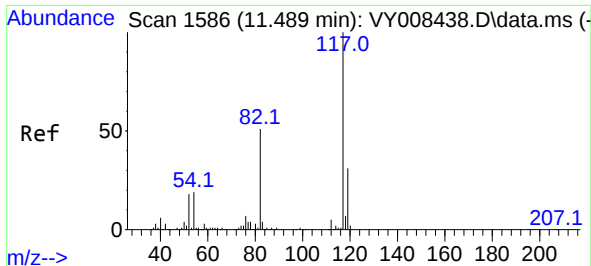
Tgt Ion: 98 Resp: 30655
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Tgt Ion: 95 Resp: 9039
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 83.1 0.0 175.8

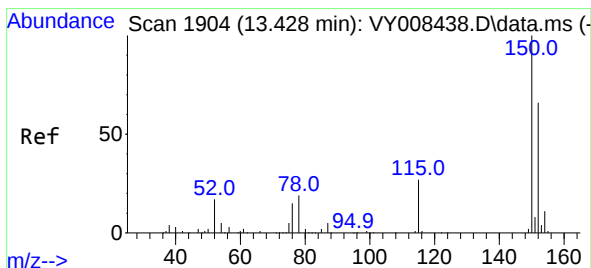
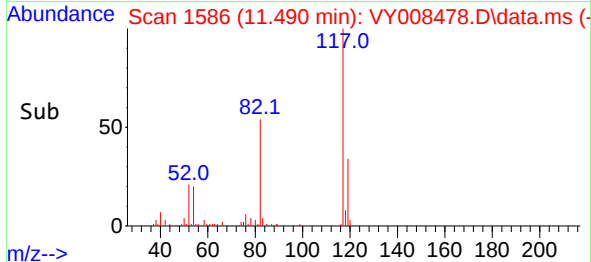
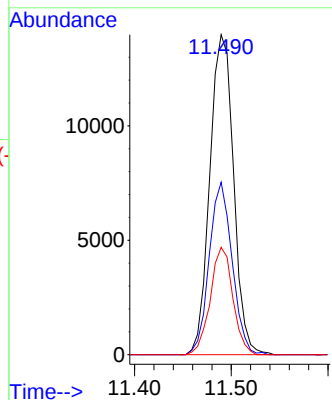
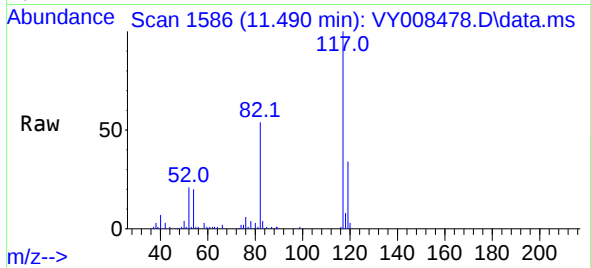




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Instrument :
MSVOA_Y
ClientSampleId :
279

Tgt Ion:	117	Resp:	23881
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.0	64.4
119	33.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Tgt Ion:	152	Resp:	9219
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.2	84.7
150	153.8	0.0	347.6

