

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008003.D
 Acq On : 22 Mar 2022 16:18
 Operator : SY/MD
 Sample : N2030-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-1

Quant Time: Mar 23 05:08:22 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	9602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	18477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16702	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	7402	67.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.220%
35) Dibromofluoromethane	7.716	113	5556	42.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.640%
50) Toluene-d8	10.179	98	22031	57.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.120%
62) 4-Bromofluorobenzene	12.483	95	8205	44.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.120%

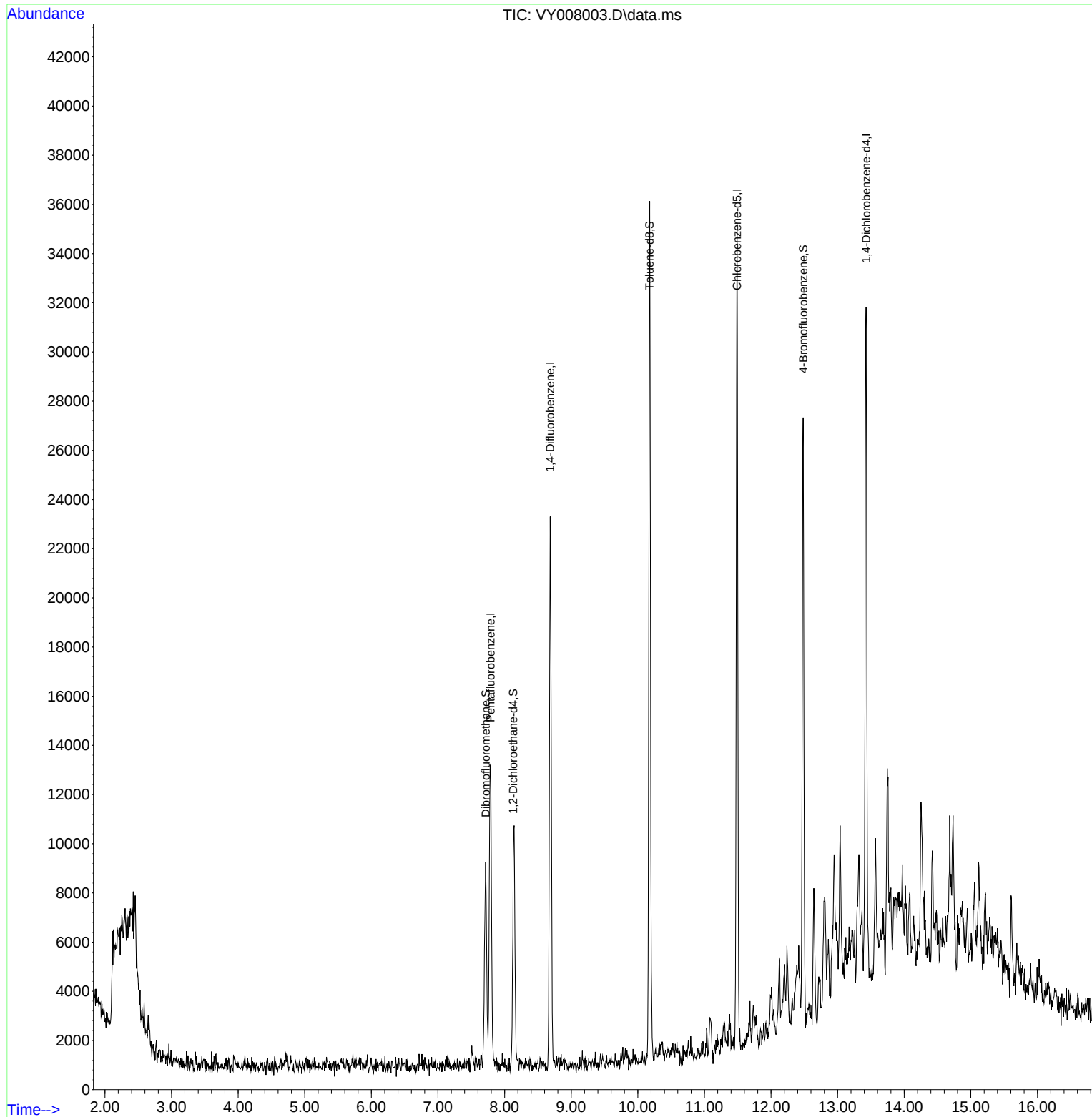
Target Compounds	Qvalue

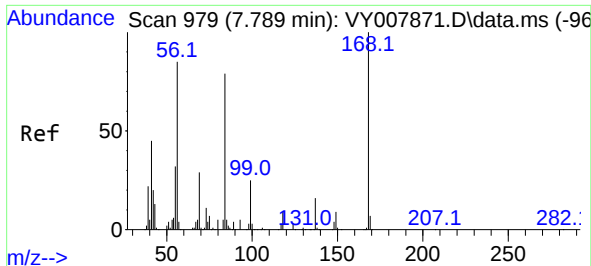
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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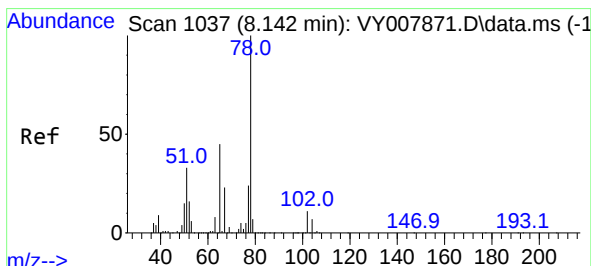
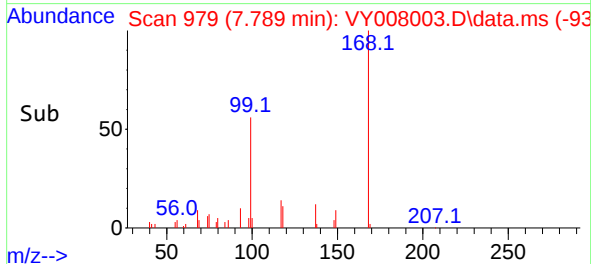
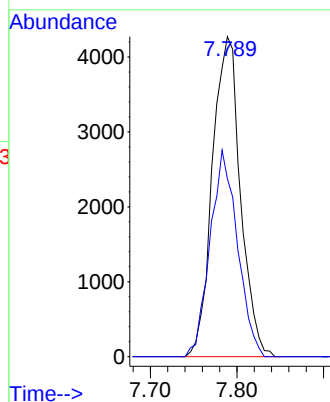
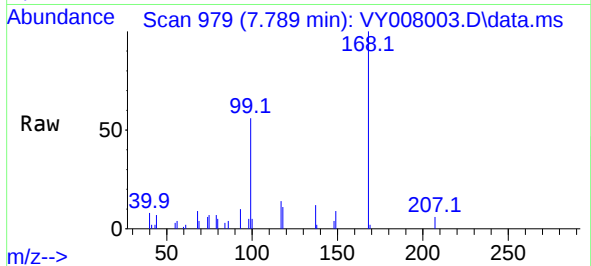




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

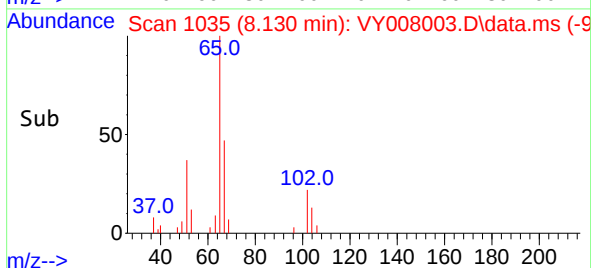
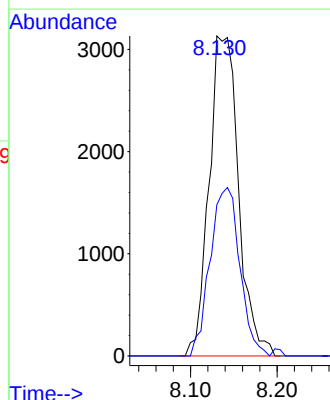
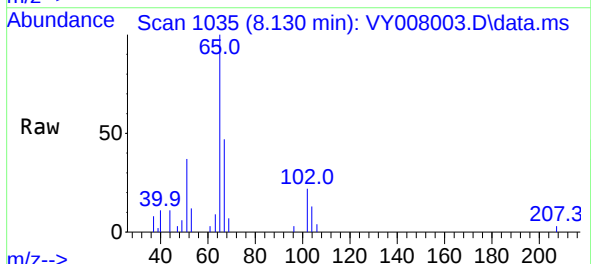
Instrument :
MSVOA_Y
ClientSampleId :
MR-1

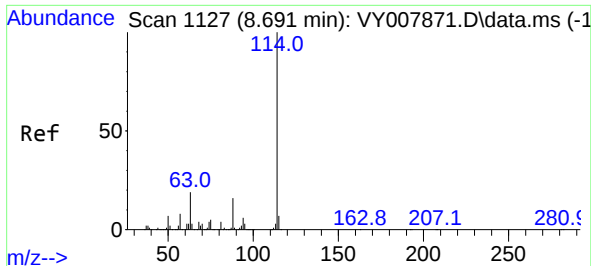
Tgt Ion:168 Resp: 9602
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.610 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 65 Resp: 7402
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008003.D

Acq: 22 Mar 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MR-1

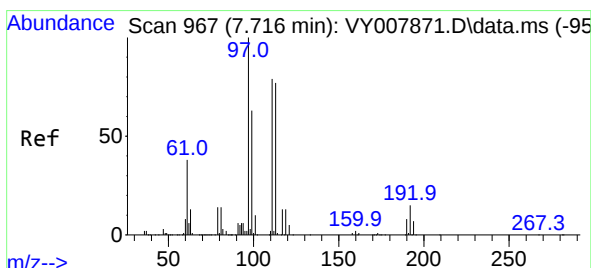
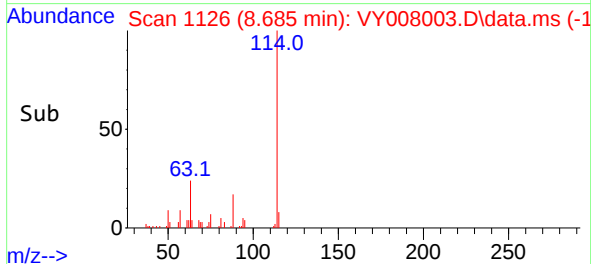
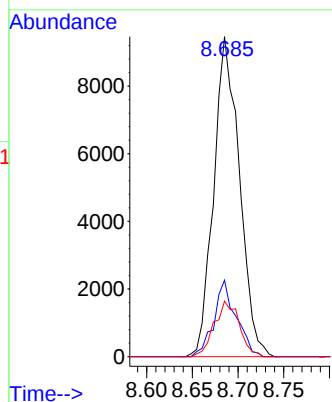
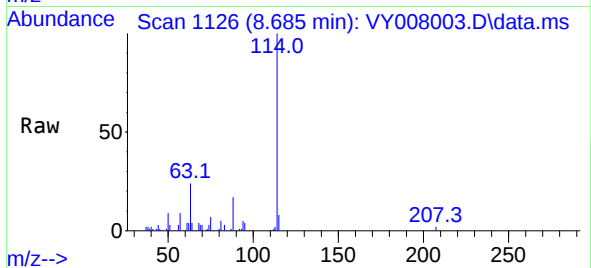
Tgt Ion:114 Resp: 18477

Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.2

88 17.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.817 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008003.D

Acq: 22 Mar 2022 16:18

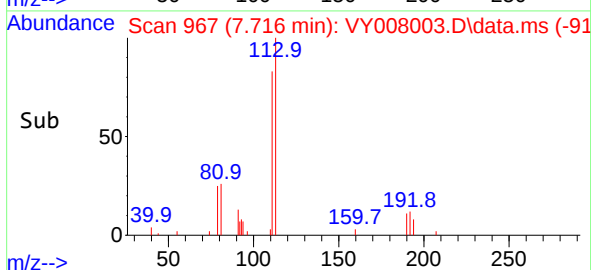
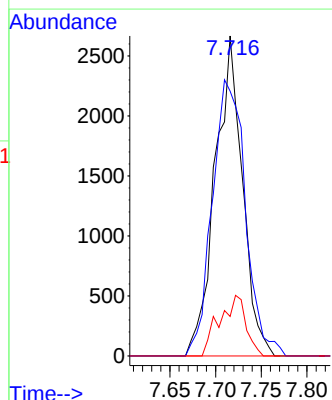
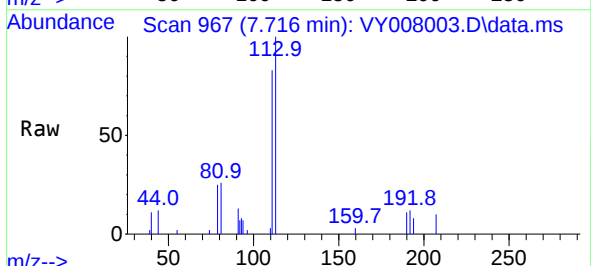
Tgt Ion:113 Resp: 5556

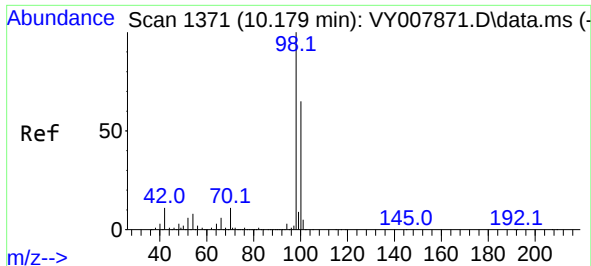
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 18.2 17.6 26.4

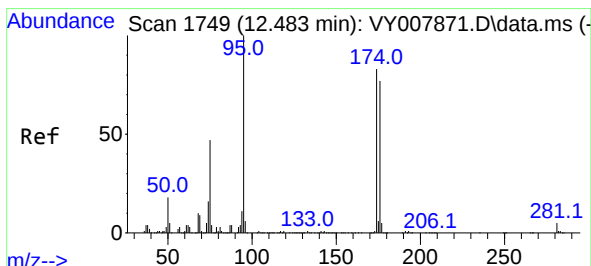
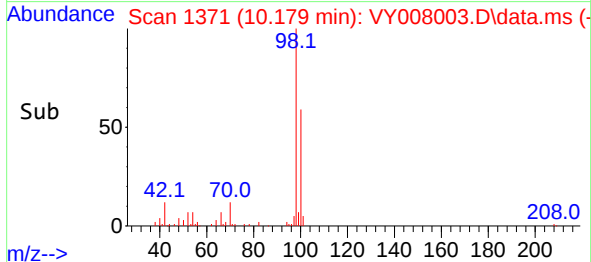
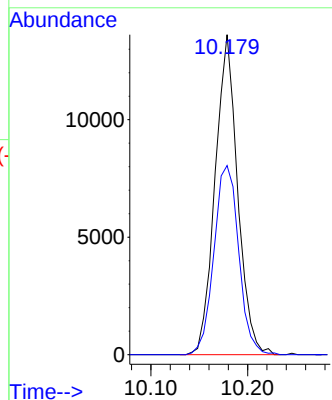
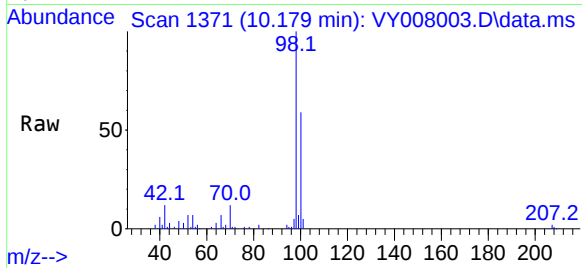




#50
Toluene-d8
Concen: 57.061 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

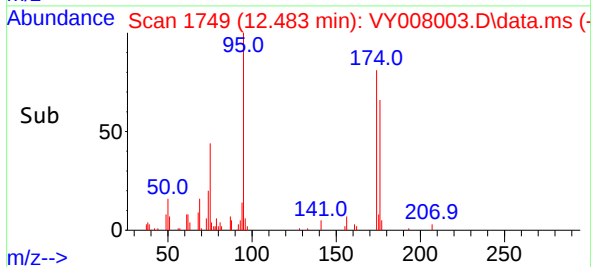
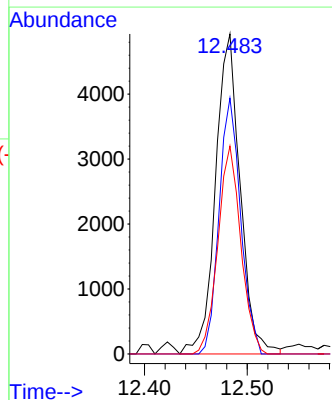
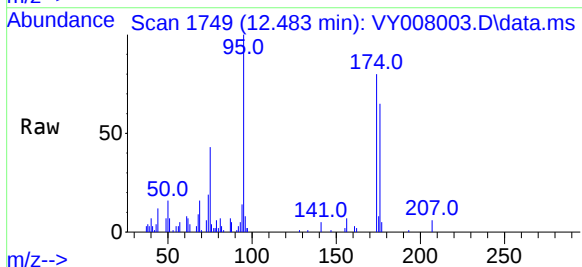
Instrument :
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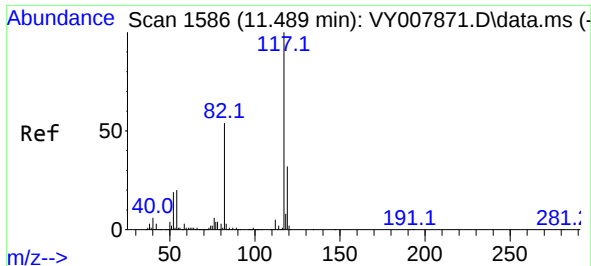
Tgt Ion: 98 Resp: 22031
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 95 Resp: 8205
Ion Ratio Lower Upper
95 100
174 70.0 0.0 177.0
176 60.4 0.0 175.8

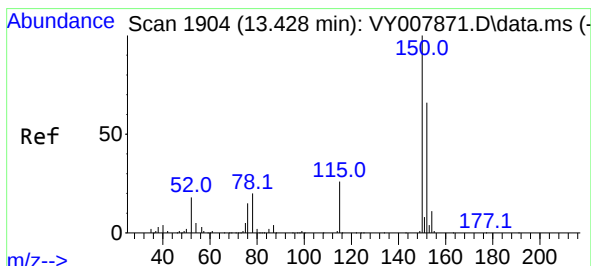
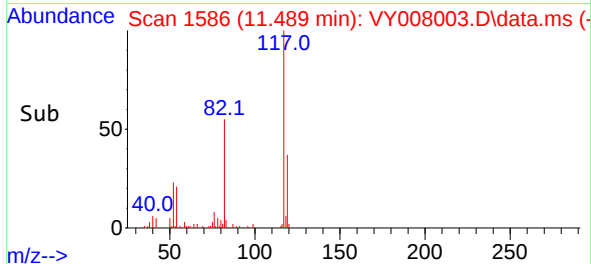
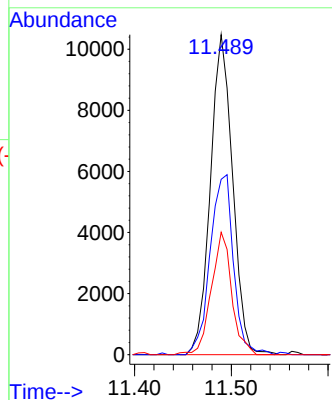
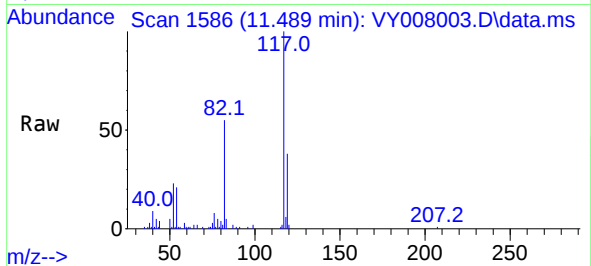




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion:117	Resp:	16702
Ion	Ratio	Lower Upper
117	100	
82	54.8	43.0 64.4
119	38.2	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: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:152	Resp:	6677
Ion	Ratio	Lower Upper
152	100	
115	65.1	28.2 84.7
150	149.4	0.0 347.6

