

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008333.D
 Acq On : 14 Apr 2022 17:25
 Operator : KP/MD
 Sample : N2401-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-3-11.5

Quant Time: Apr 15 06:16:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	193847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61887	61.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.900%
35) Dibromofluoromethane	7.716	113	60799	54.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.179	98	231790	60.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.000%
62) 4-Bromofluorobenzene	12.483	95	81549	56.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.180%

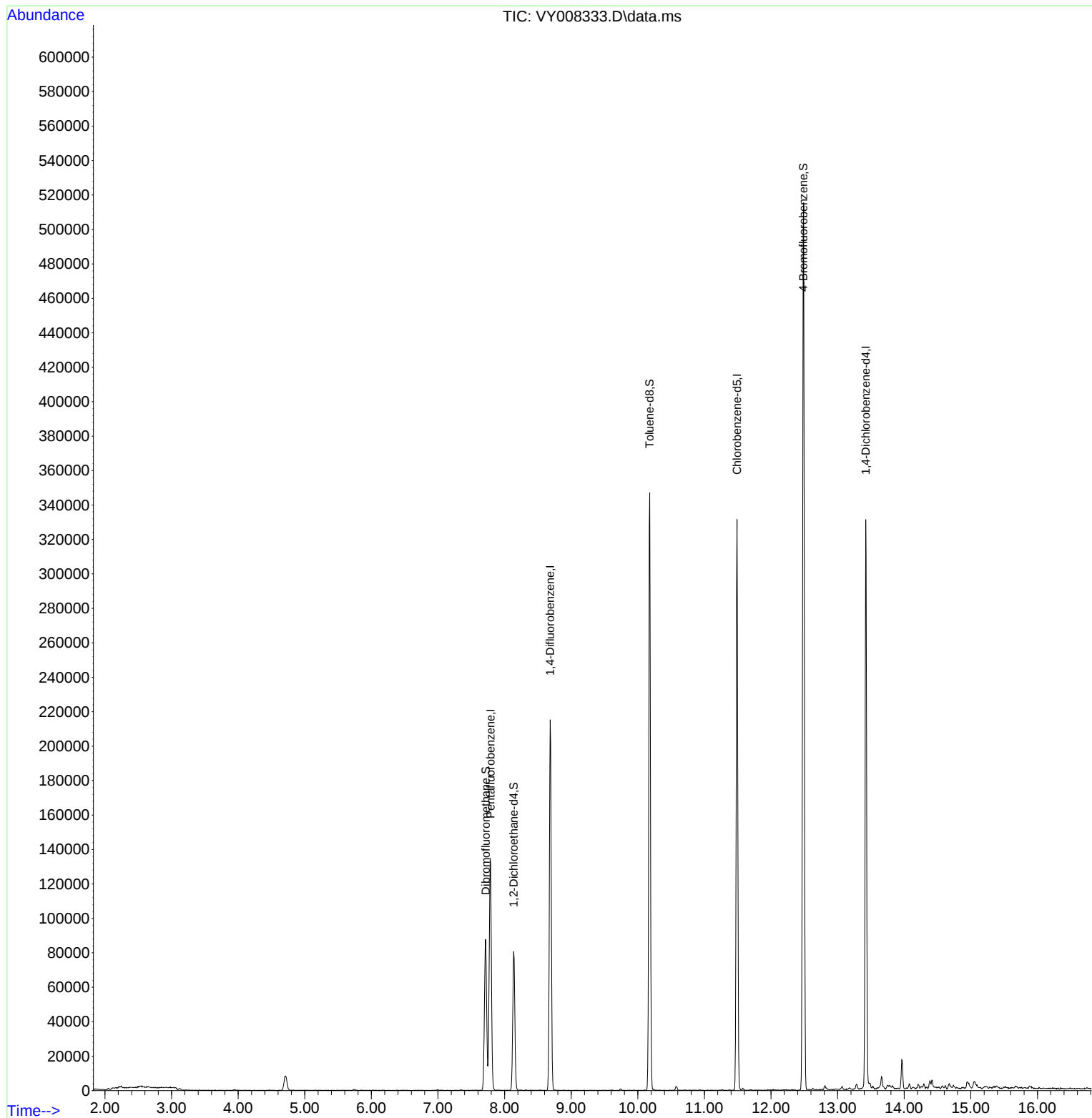
Target Compounds	Qvalue

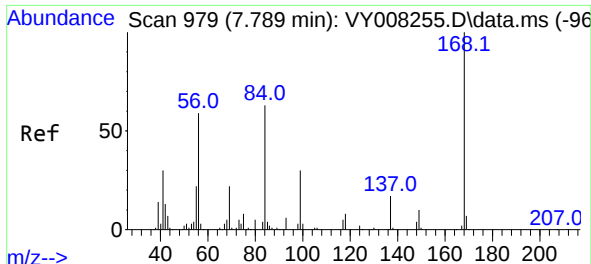
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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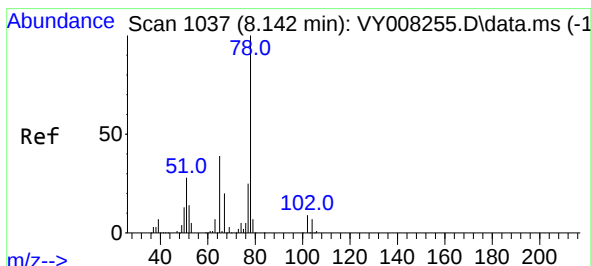
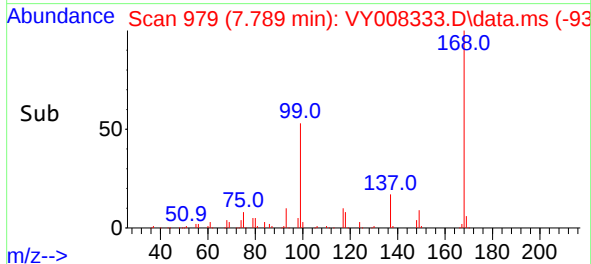
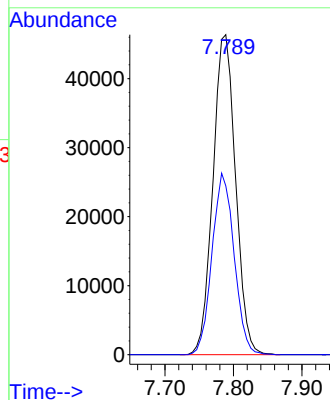
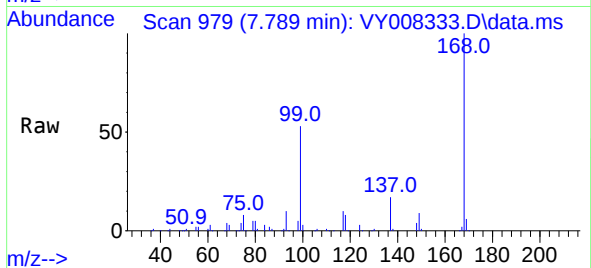




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008333.D
Acq: 14 Apr 2022 17:25

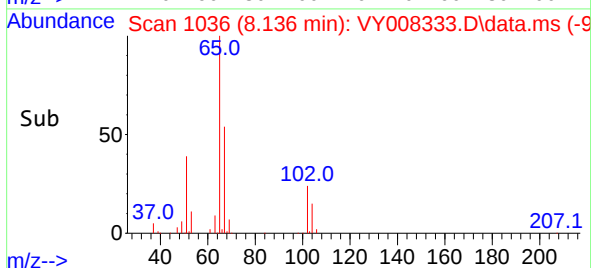
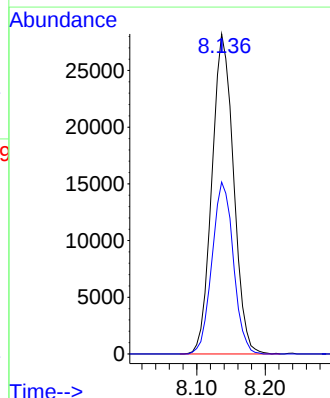
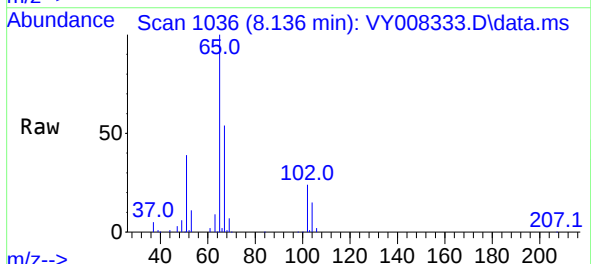
Instrument :
MSVOA_Y
ClientSampleId :
CL-3-11.5

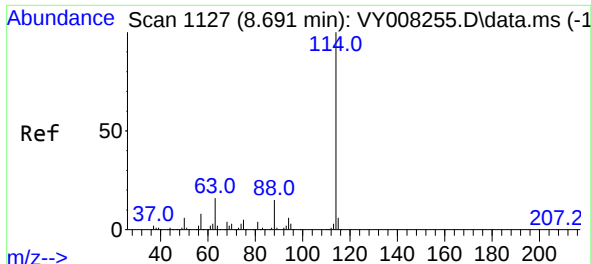
Tgt Ion:168 Resp: 106358
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.946 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008333.D
Acq: 14 Apr 2022 17:25

Tgt Ion: 65 Resp: 61887
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008333.D

Acq: 14 Apr 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

CL-3-11.5

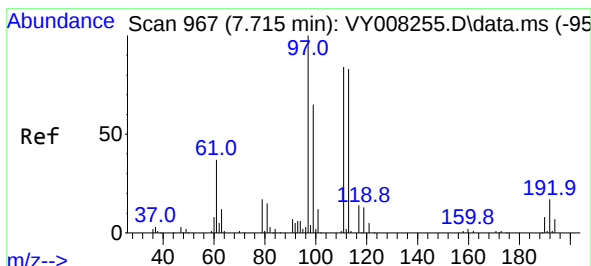
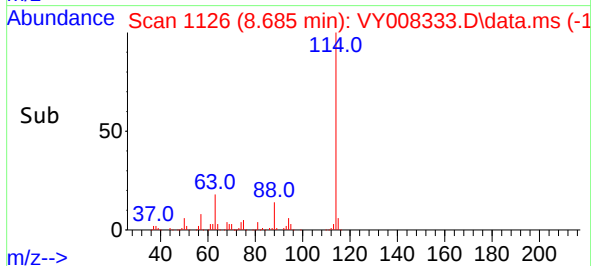
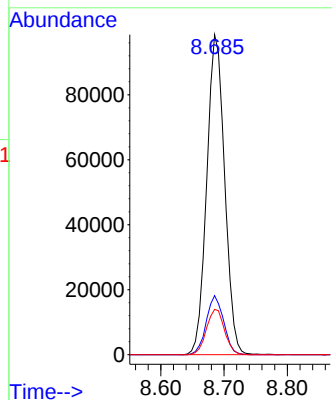
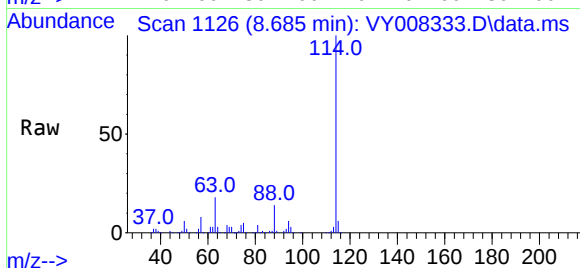
Tgt Ion:114 Resp: 193847

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.303 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008333.D

Acq: 14 Apr 2022 17:25

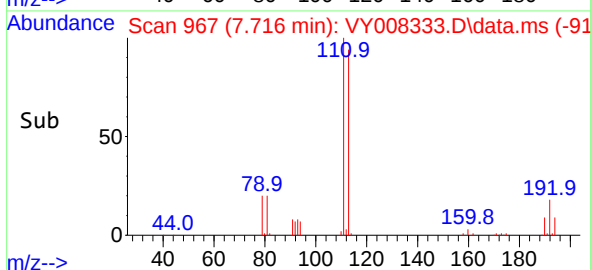
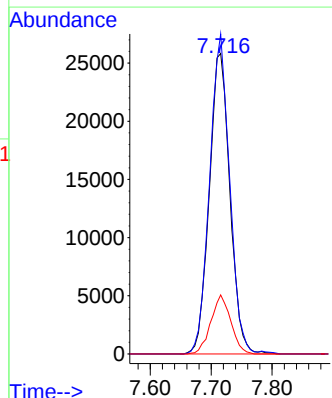
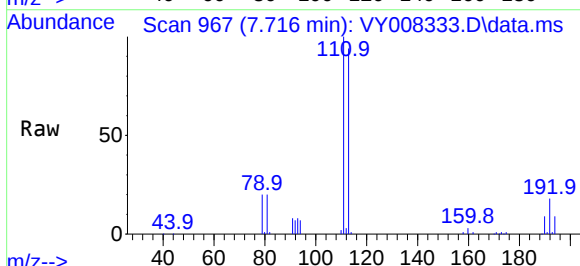
Tgt Ion:113 Resp: 60799

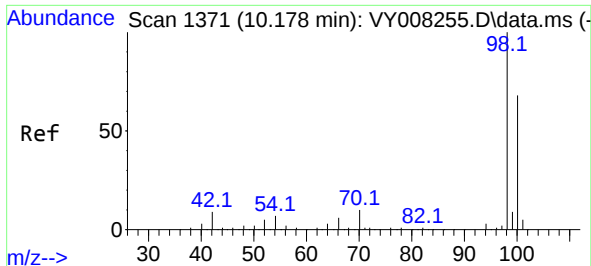
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.9 17.6 26.4

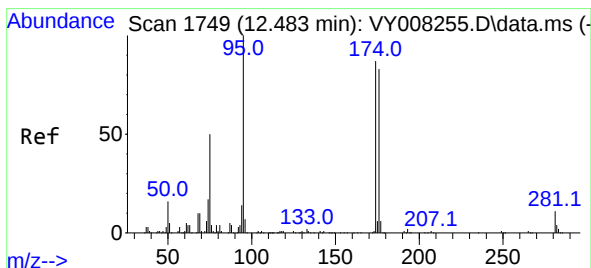
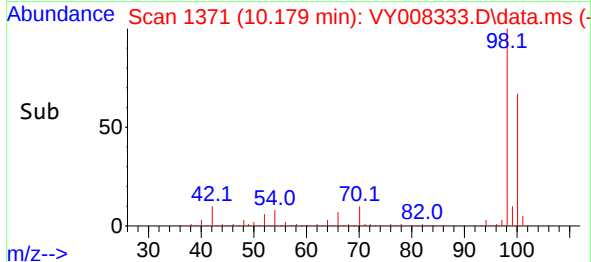
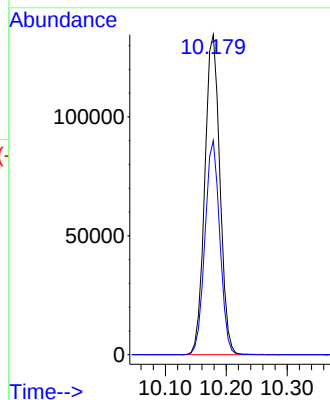
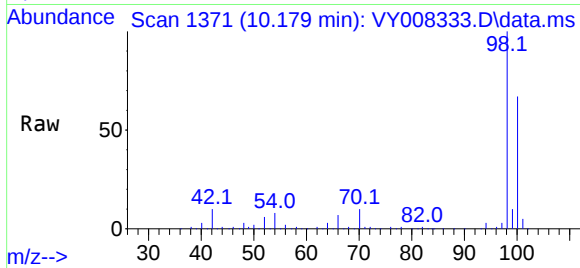




#50
Toluene-d8
Concen: 60.502 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008333.D
Acq: 14 Apr 2022 17:25

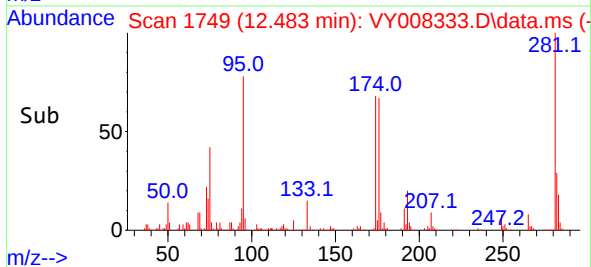
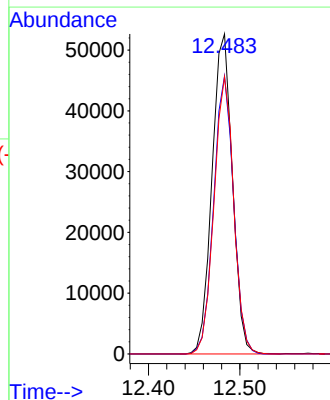
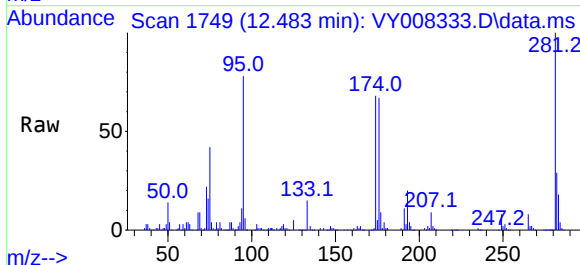
Instrument :
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CL-3-11.5

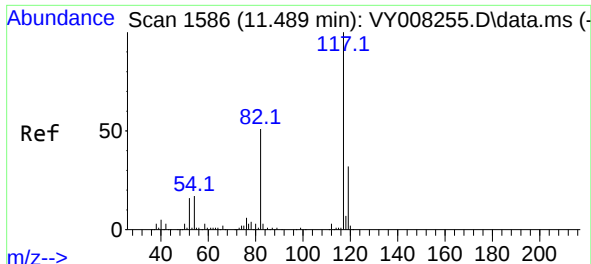
Tgt Ion: 98 Resp: 231790
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008333.D
Acq: 14 Apr 2022 17:25

Tgt Ion: 95 Resp: 81549
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 83.9 0.0 175.8

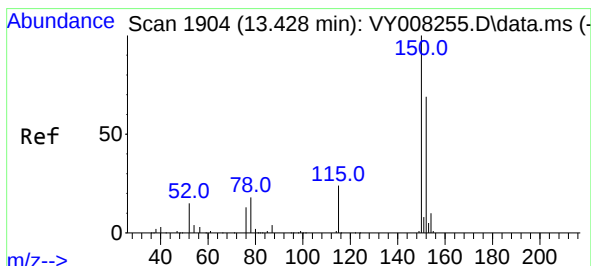
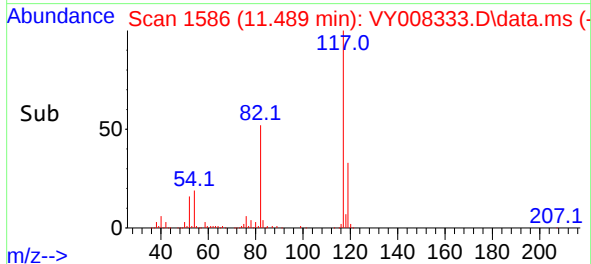
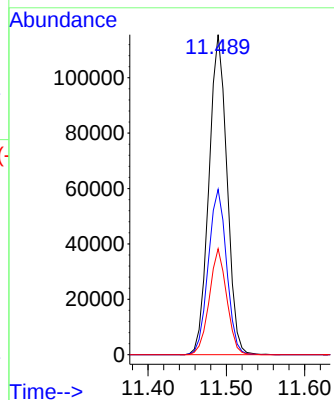
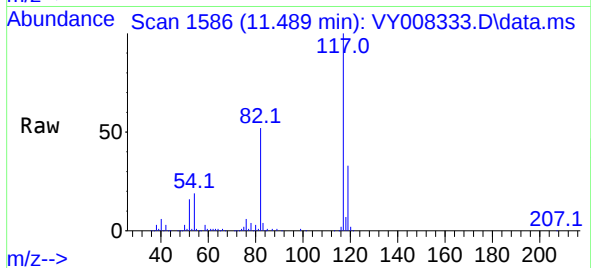




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008333.D
Acq: 14 Apr 2022 17:25

Instrument :
MSVOA_Y
ClientSampleId :
CL-3-11.5

Tgt Ion:117 Resp: 184972
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 33.1 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: VY008333.D
Acq: 14 Apr 2022 17:25

Tgt Ion:152 Resp: 82969
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.0 0.0 347.6

