

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008346.D
 Acq On : 15 Apr 2022 13:18
 Operator : KP/MD
 Sample : N2401-02
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-2-11.5

Quant Time: Apr 16 04:57:41 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	107147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60150	59.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.520%
35) Dibromofluoromethane	7.722	113	61279	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.179	98	230796	60.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.220%
62) 4-Bromofluorobenzene	12.483	95	80576	56.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.520%

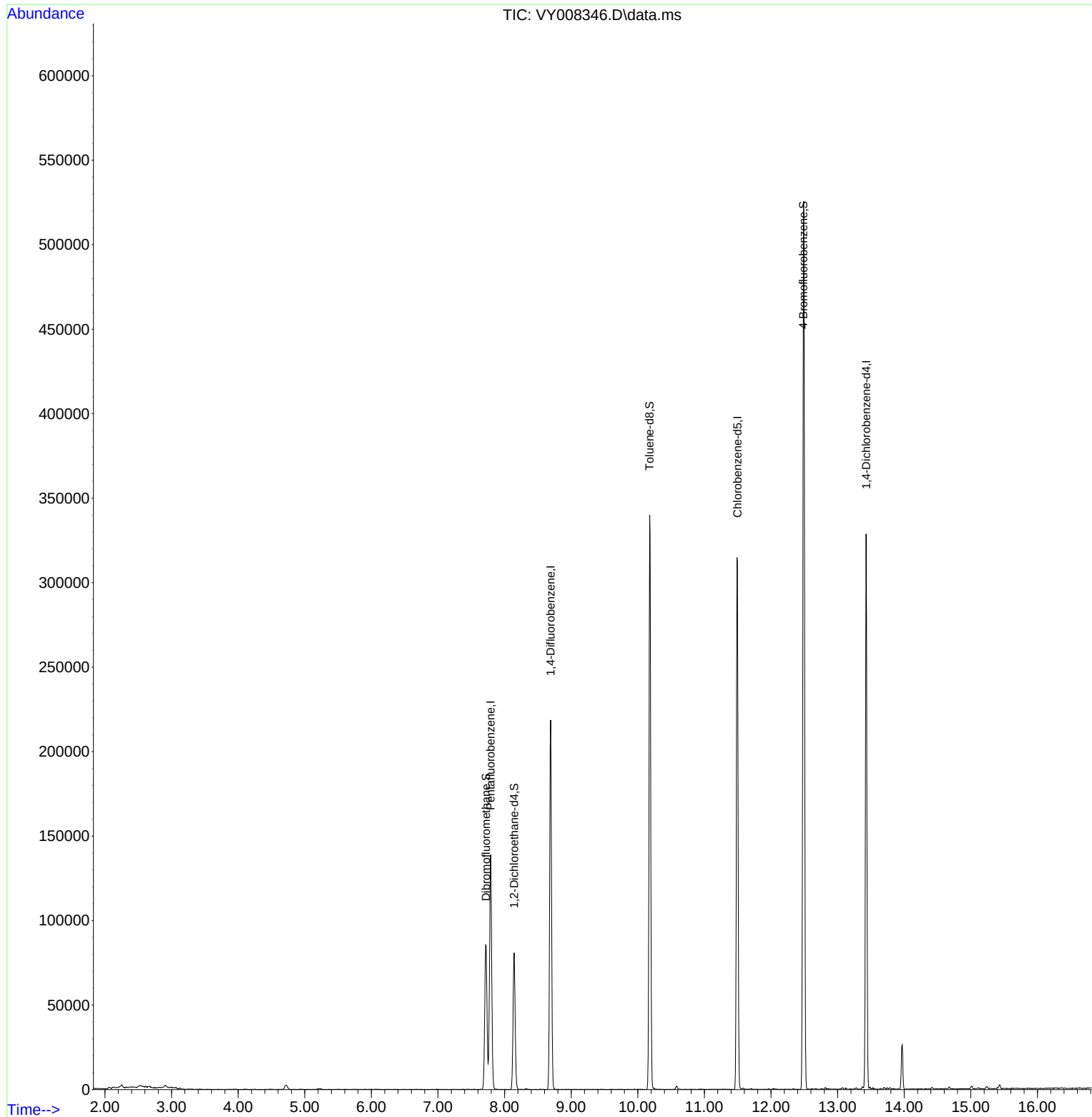
Target Compounds	Qvalue

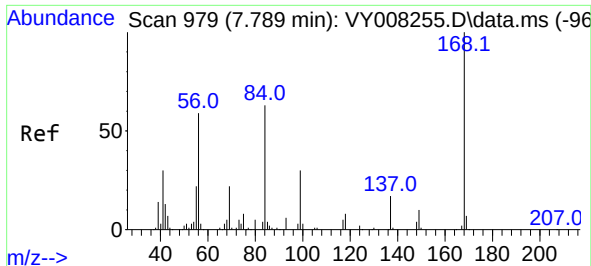
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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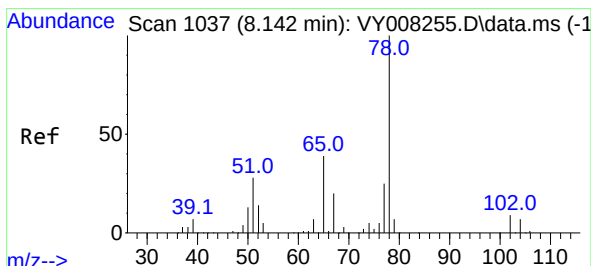
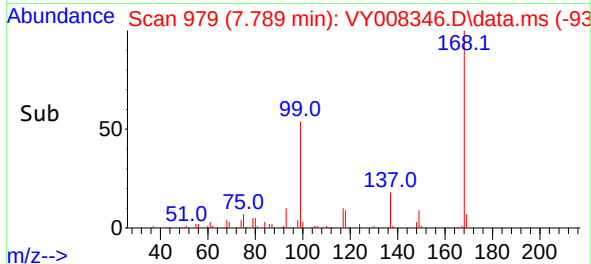
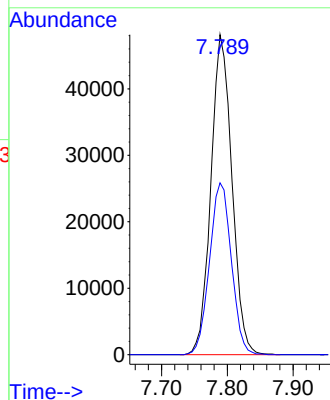
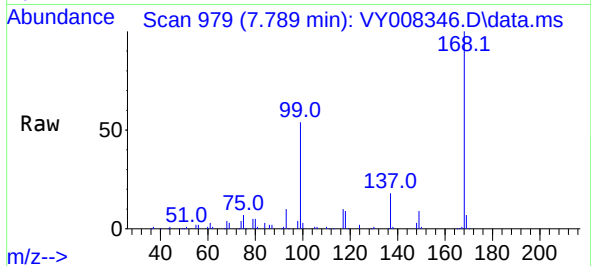




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008346.D
Acq: 15 Apr 2022 13:18

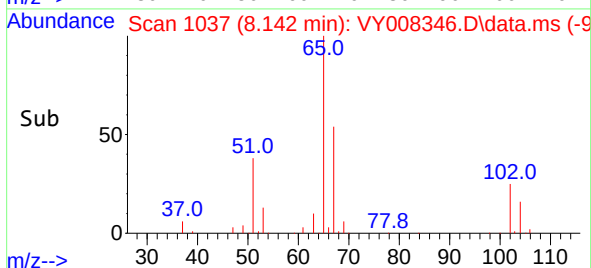
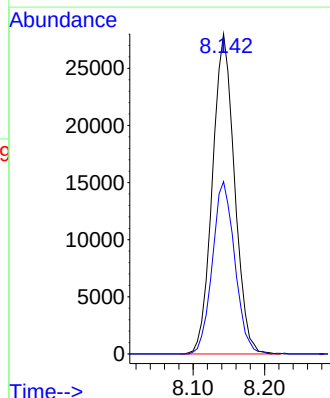
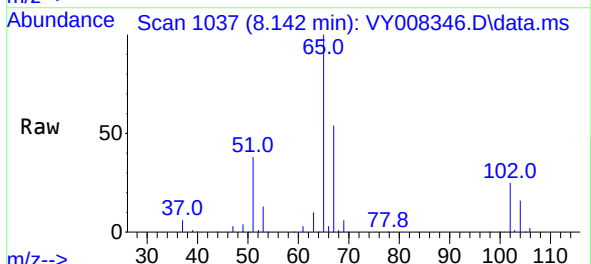
Instrument :
MSVOA_Y
ClientSampleId :
CL-2-11.5

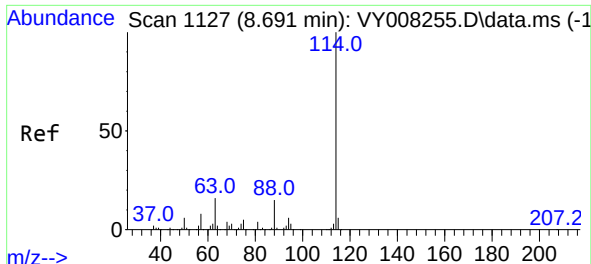
Tgt Ion:168 Resp: 107147
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.764 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008346.D
Acq: 15 Apr 2022 13:18

Tgt Ion: 65 Resp: 60150
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008346.D

Acq: 15 Apr 2022 13:18

Instrument :

MSVOA_Y

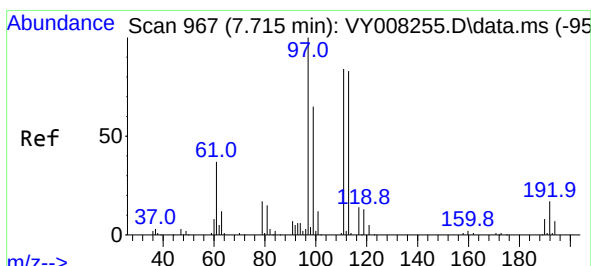
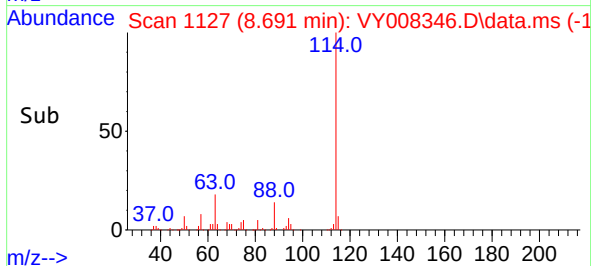
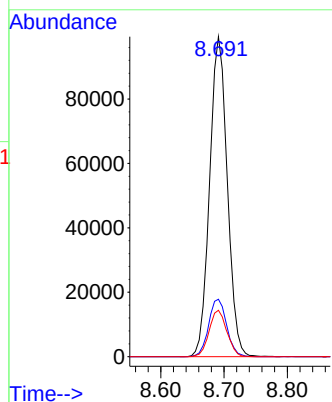
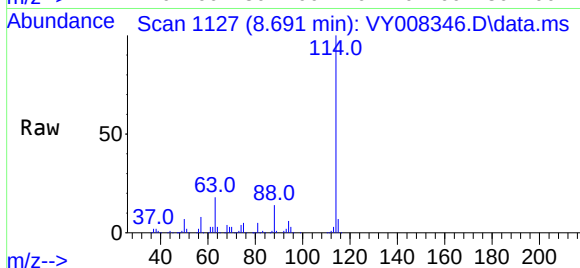
ClientSampleId :

CL-2-11.5

Tgt Ion:114 Resp: 192662

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	14.5	0.0	31.8



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

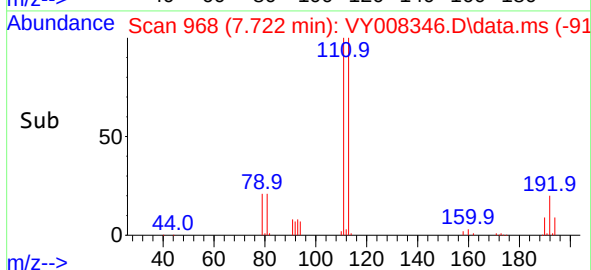
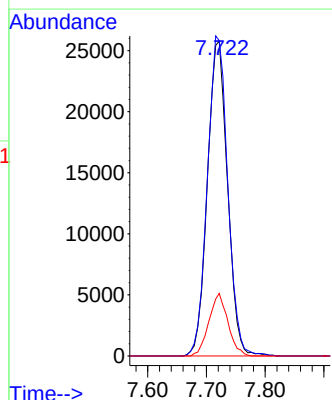
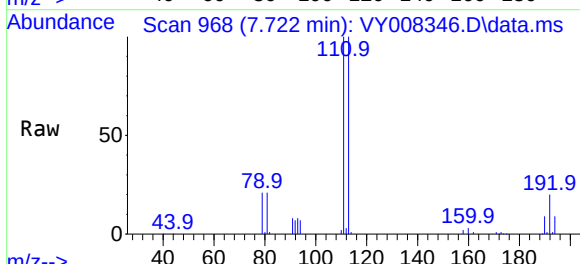
Lab File: VY008346.D

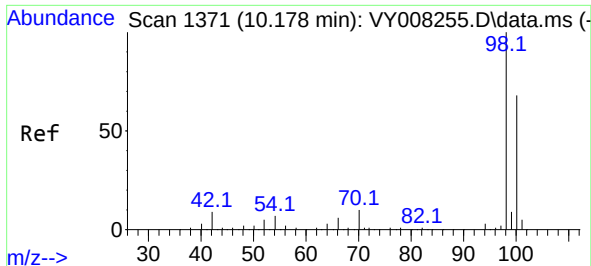
Acq: 15 Apr 2022 13:18

Tgt Ion:113 Resp: 61279

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	18.8	17.6	26.4

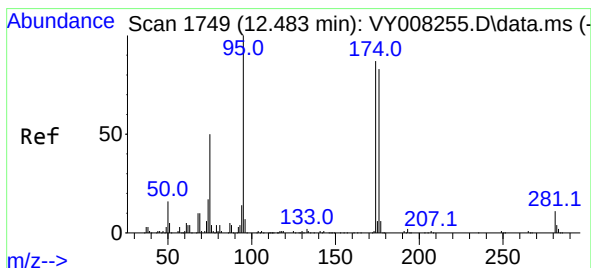
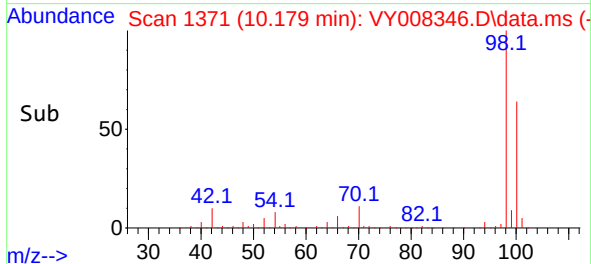
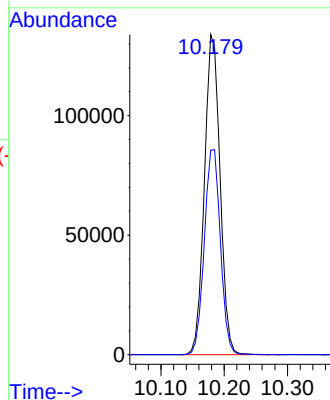
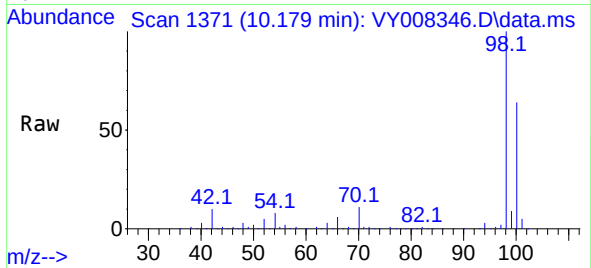




#50
Toluene-d8
Concen: 60.613 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008346.D
Acq: 15 Apr 2022 13:18

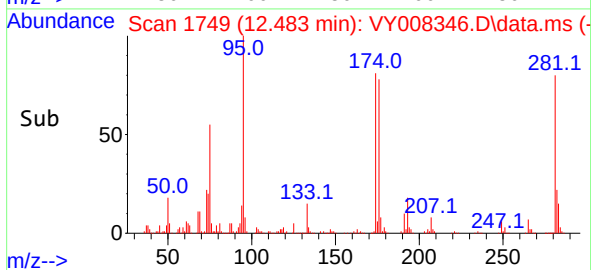
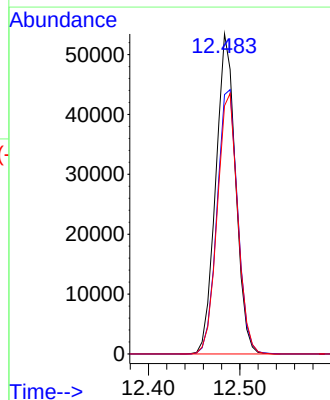
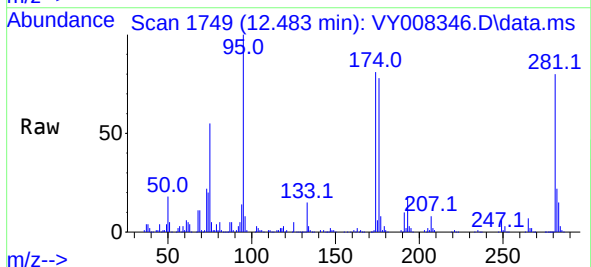
Instrument :
MSVOA_Y
ClientSampleId :
CL-2-11.5

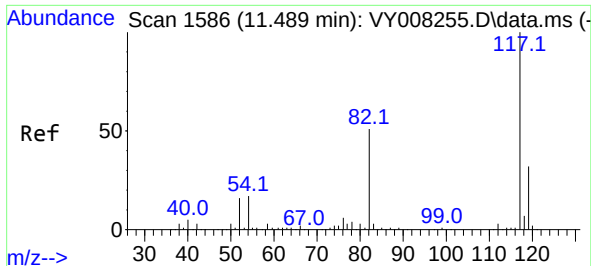
Tgt Ion: 98 Resp: 230796
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008346.D
Acq: 15 Apr 2022 13:18

Tgt Ion: 95 Resp: 80576
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.5 0.0 175.8

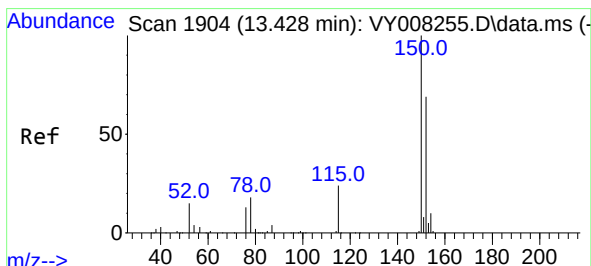
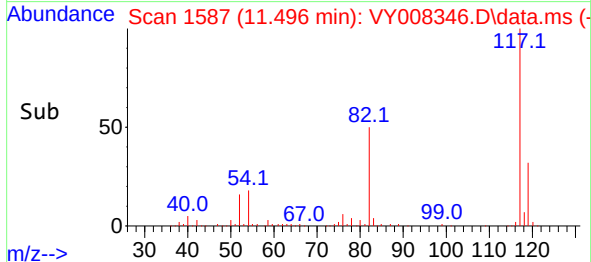
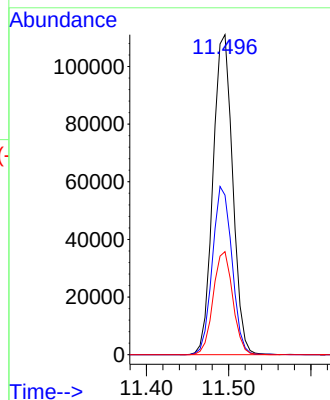
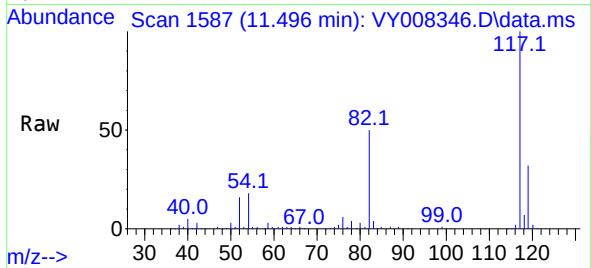




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008346.D
Acq: 15 Apr 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :
CL-2-11.5

Tgt Ion:117 Resp: 184576
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 32.2 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: VY008346.D
Acq: 15 Apr 2022 13:18

Tgt Ion:152 Resp: 81556
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 158.5 0.0 347.6

