

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008351.D
 Acq On : 15 Apr 2022 15:15
 Operator : KP/MD
 Sample : N2390-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-041422

Quant Time: Apr 16 04:58:47 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	564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	814	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	504	95.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.260%#
35) Dibromofluoromethane	7.716	113	260	38.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.680%
50) Toluene-d8	10.185	98	1198	52.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.489	95	113	13.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	26.240%

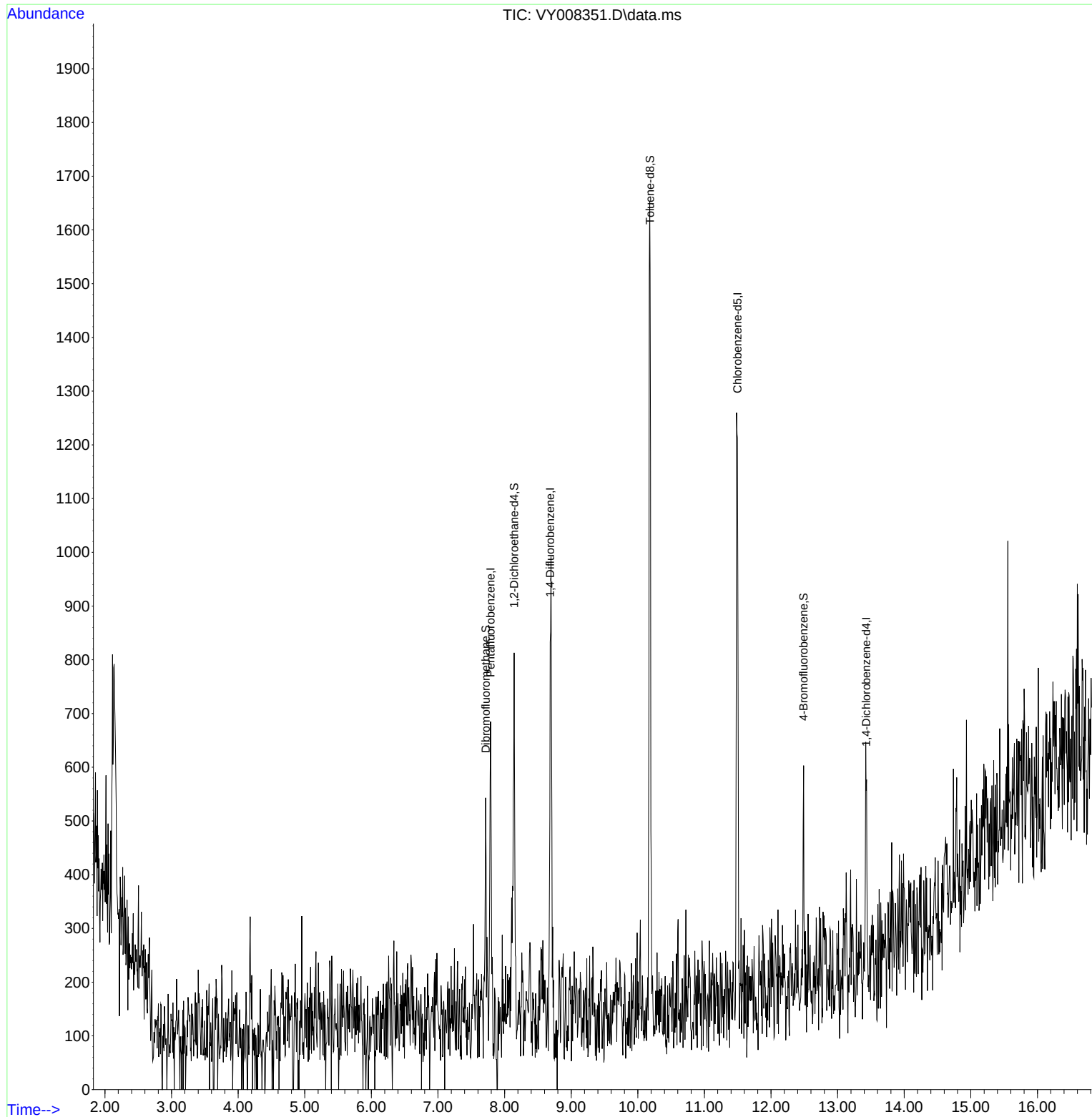
Target Compounds	Qvalue

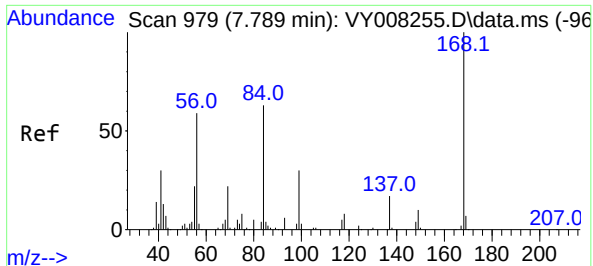
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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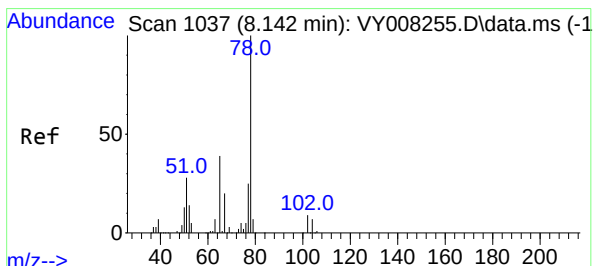
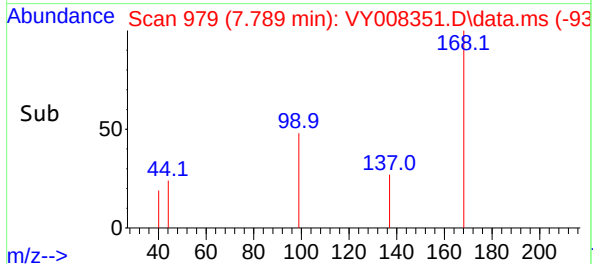
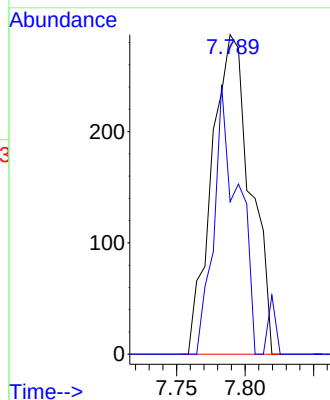
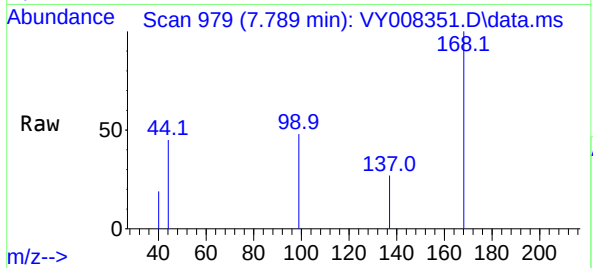




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

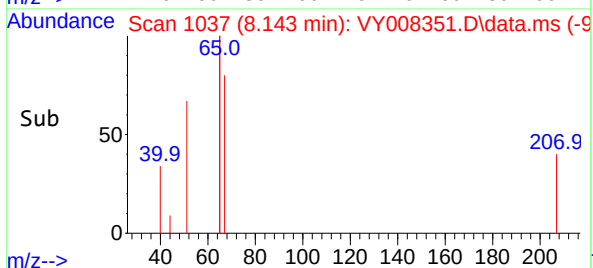
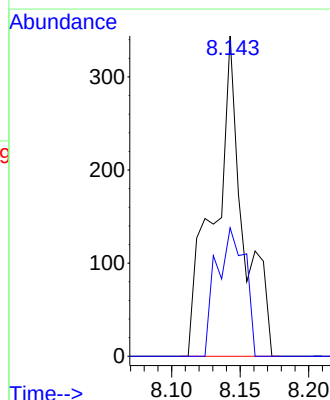
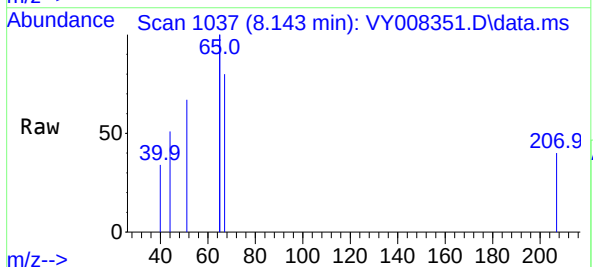
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

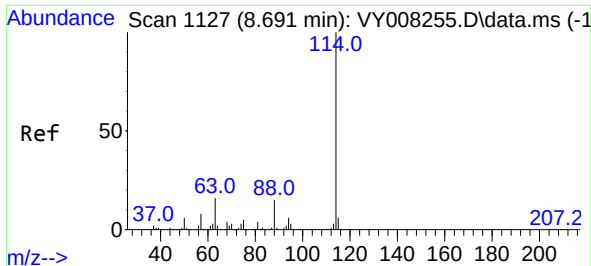
Tgt Ion:168 Resp: 564
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 95.134 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion: 65 Resp: 504
Ion Ratio Lower Upper
65 100
67 39.7 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: VY008351.D

Acq: 15 Apr 2022 15:15

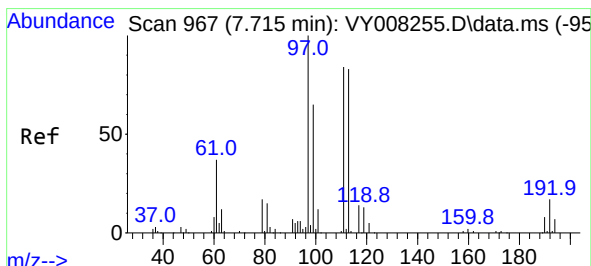
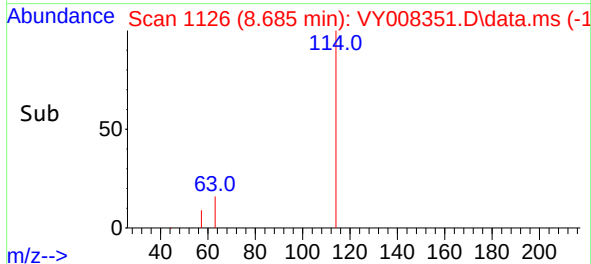
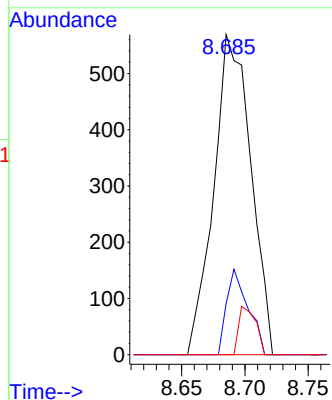
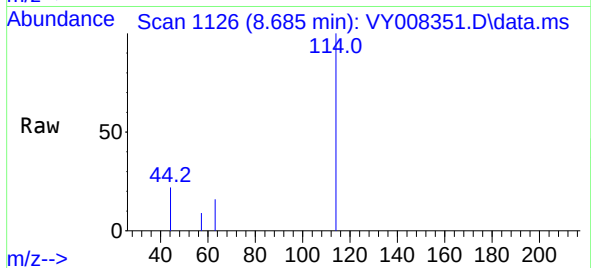
Instrument :

MSVOA_Y

ClientSampleId :

CL-1-041422

Tgt Ion:	114	Resp:	1159
Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	43.2
88	0.0	0.0	31.8



#35

Dibromofluoromethane

Concen: 38.840 ug/l

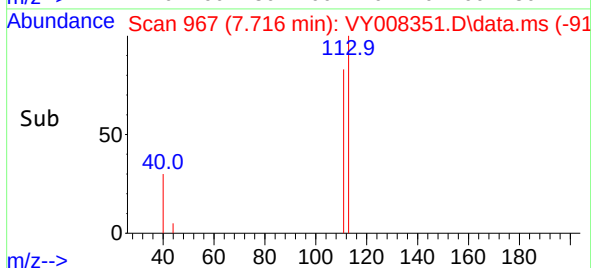
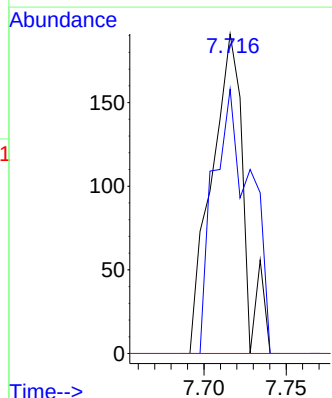
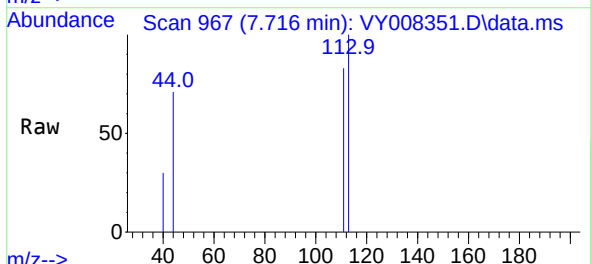
RT: 7.716 min Scan# 967

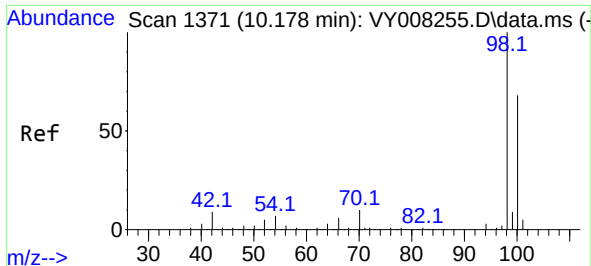
Delta R.T. 0.001 min

Lab File: VY008351.D

Acq: 15 Apr 2022 15:15

Tgt Ion:	113	Resp:	260
Ion	Ratio	Lower	Upper
113	100		
111	95.0	82.6	124.0
192	0.0	17.6	26.4

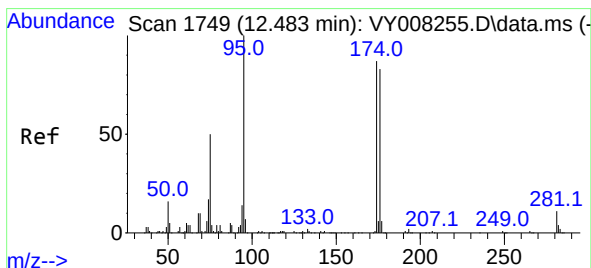
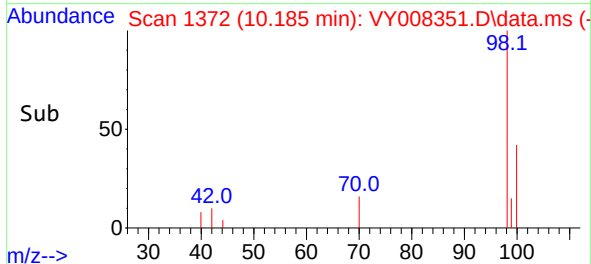
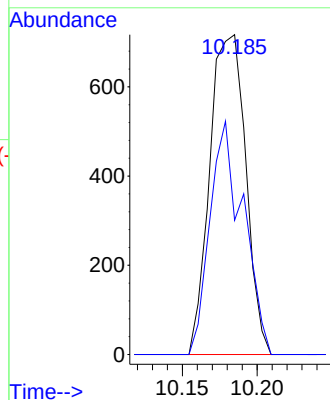
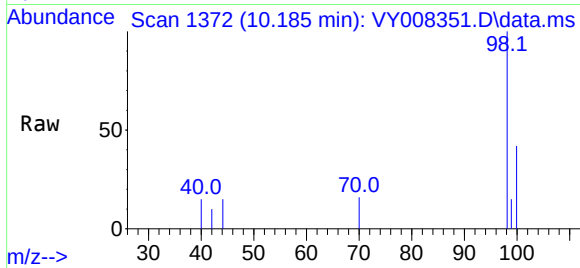




#50
Toluene-d8
Concen: 52.300 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

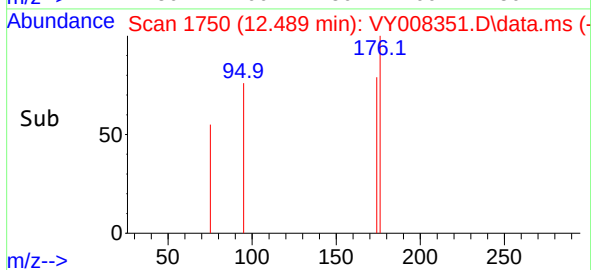
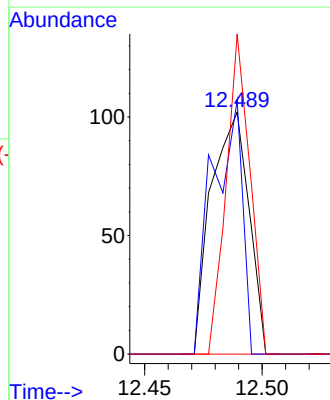
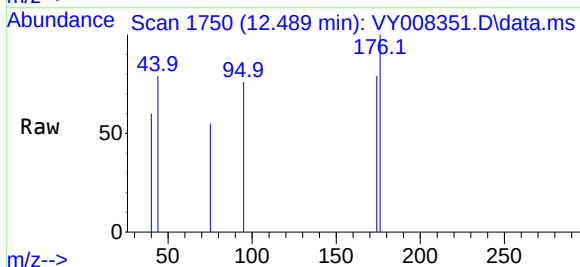
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

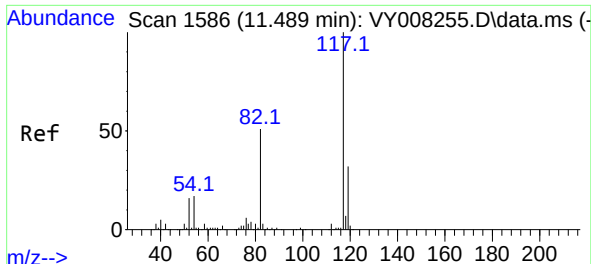
Tgt Ion: 98 Resp: 1198
Ion Ratio Lower Upper
98 100
100 67.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 13.116 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion: 95 Resp: 113
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 84.1 0.0 175.8

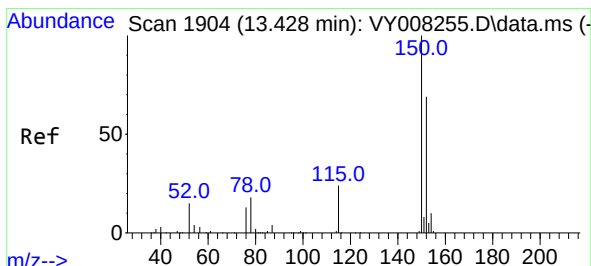
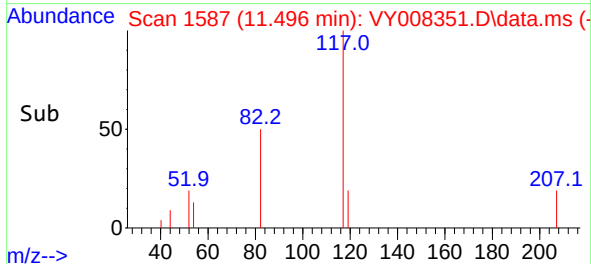
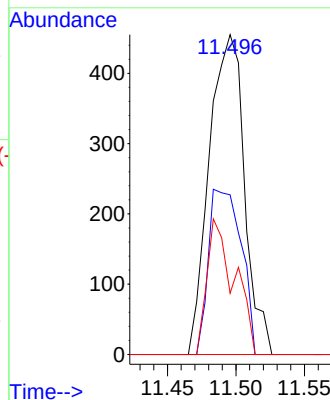
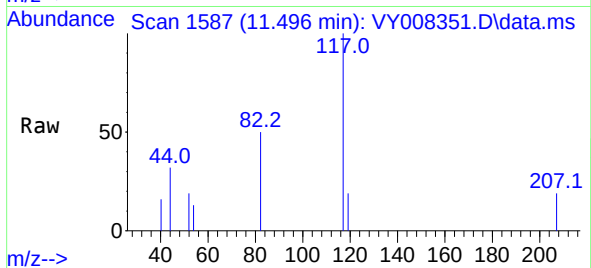




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

Tgt Ion:	117	Resp:	814
Ion	Ratio	Lower	Upper
117	100		
82	49.9	43.0	64.4
119	19.1	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: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion:	152	Resp:	146
Ion	Ratio	Lower	Upper
152	100		
115	29.5	28.2	84.7
150	157.5	0.0	347.6

