

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008368.D
 Acq On : 18 Apr 2022 13:12
 Operator : KP/MD
 Sample : N2390-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-041422RE

Quant Time: Apr 19 06:28:42 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	7.795	168	237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	286	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	21	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	193	86.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.380%#
35) Dibromofluoromethane	7.722	113	69	26.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.940%#
50) Toluene-d8	10.173	98	353	40.318	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.640%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

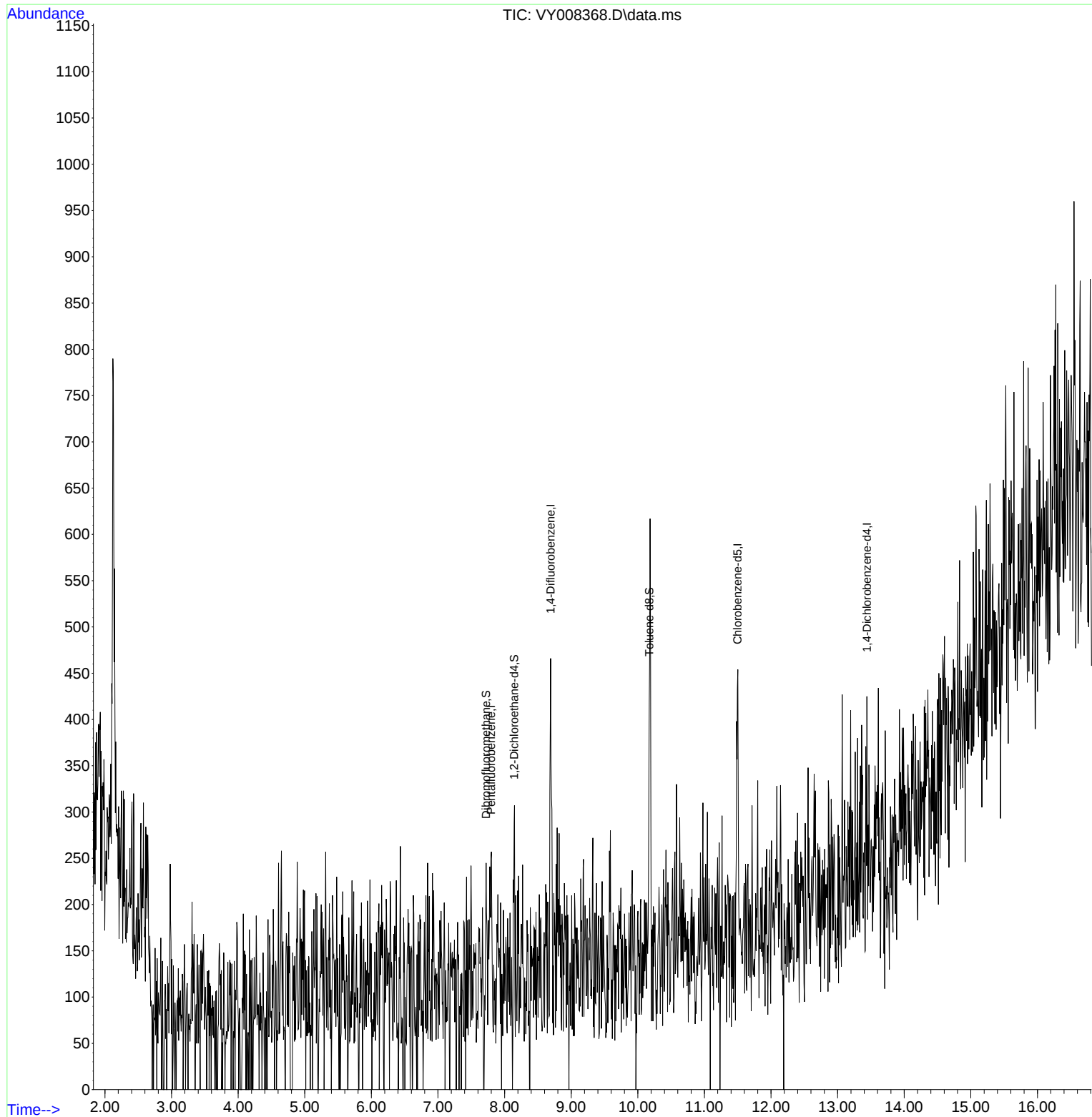
Target Compounds	Qvalue

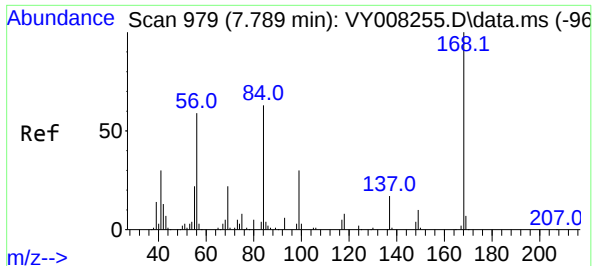
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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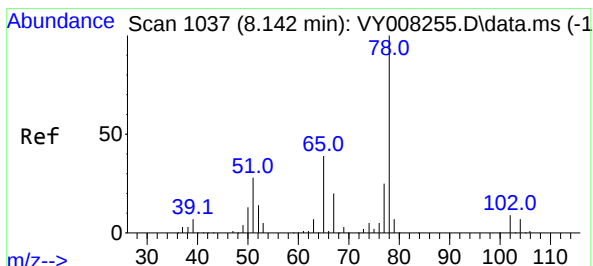
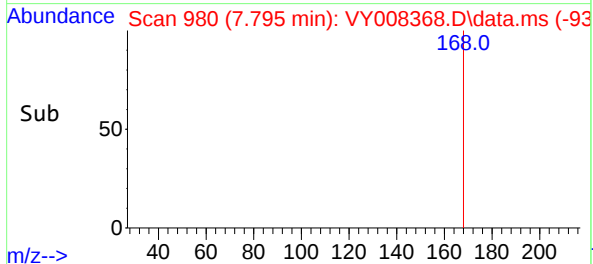
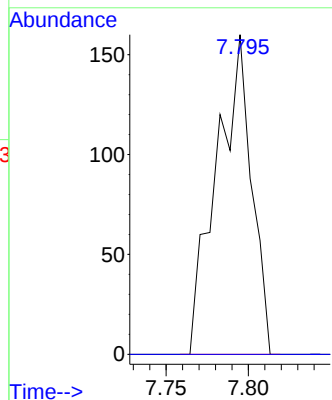
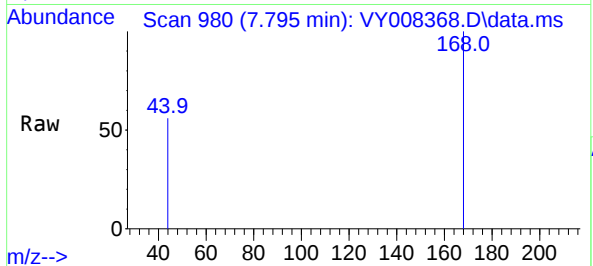




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

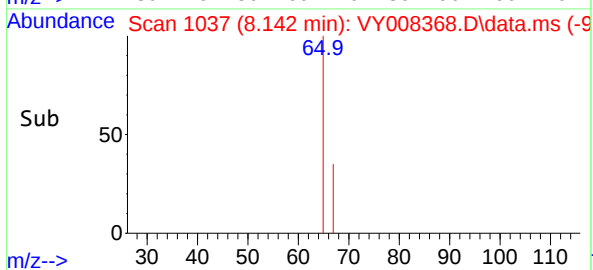
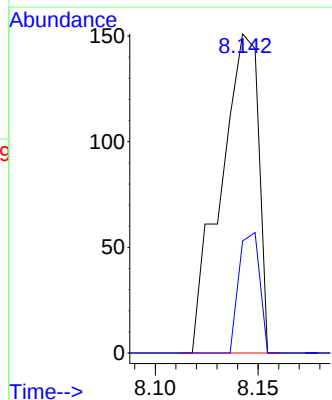
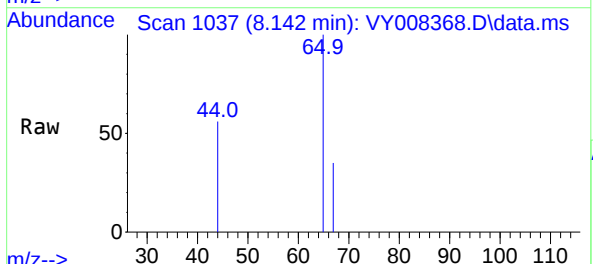
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422RE

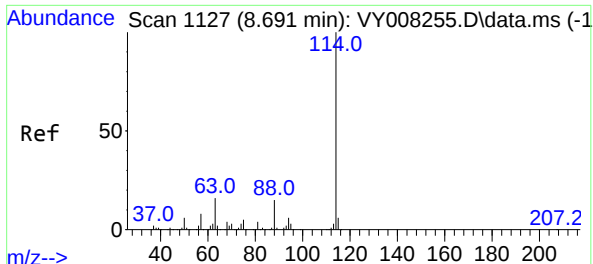
Tgt Ion:168 Resp: 237
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 86.695 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Tgt Ion: 65 Resp: 193
Ion Ratio Lower Upper
65 100
67 20.7 0.0 99.4



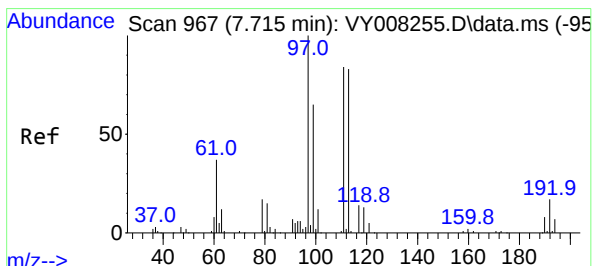
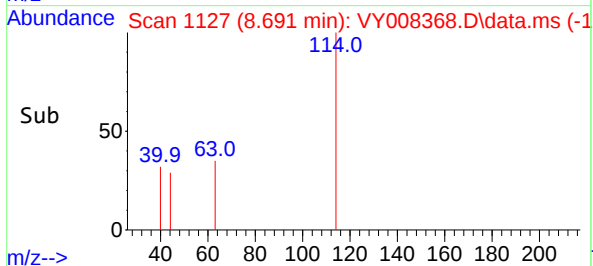
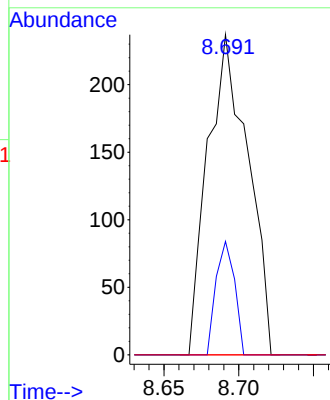
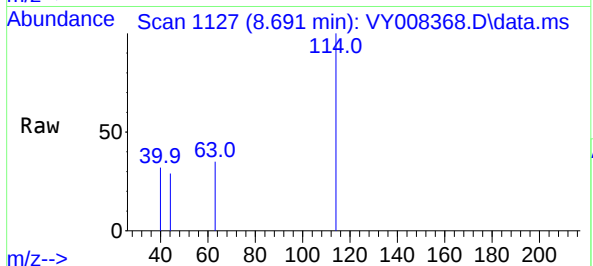


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422RE

Tgt Ion:114 Resp: 443

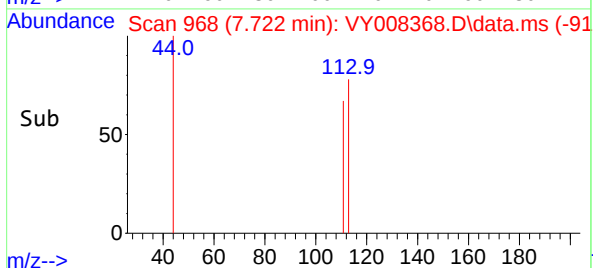
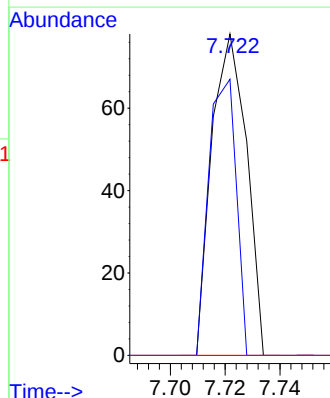
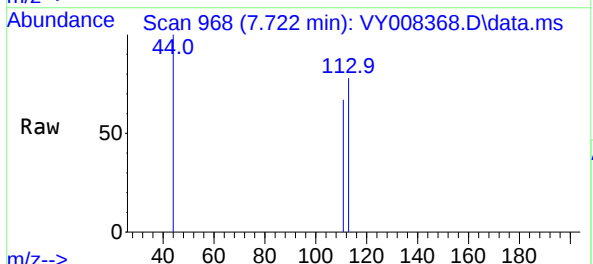
Ion	Ratio	Lower	Upper
114	100		
63	35.4	0.0	43.2
88	0.0	0.0	31.8

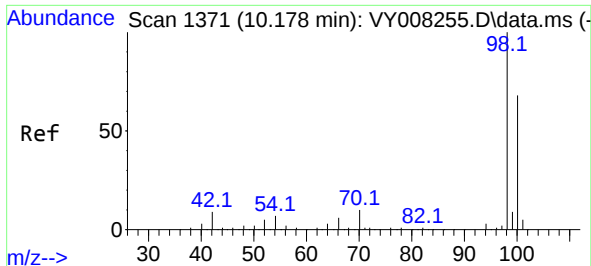


#35
Dibromofluoromethane
Concen: 26.967 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Tgt Ion:113 Resp: 69

Ion	Ratio	Lower	Upper
113	100		
111	68.1	82.6	124.0#
192	0.0	17.6	26.4#

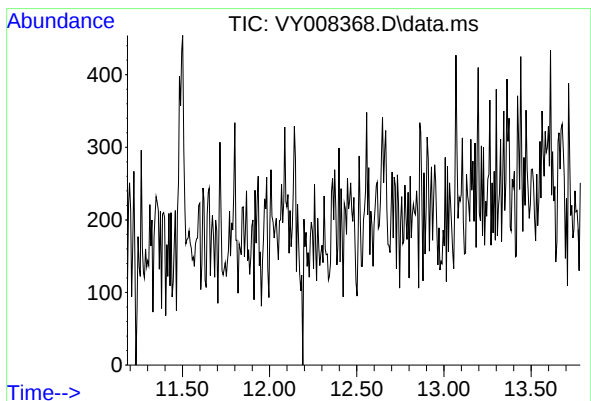
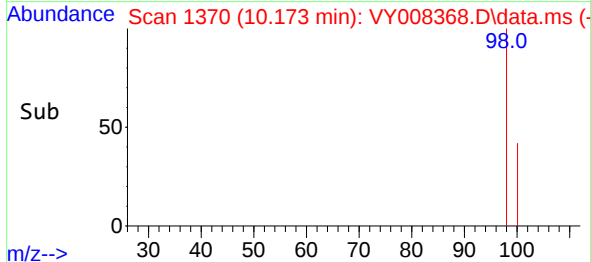
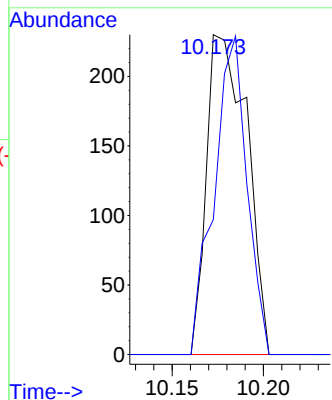
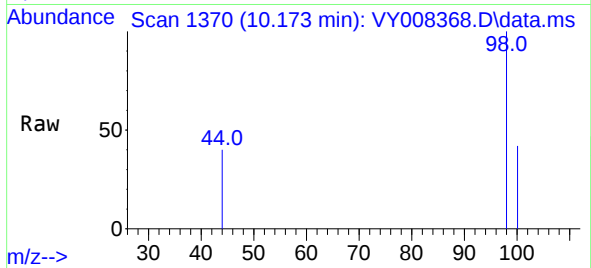




#50
Toluene-d8
Concen: 40.318 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Instrument :
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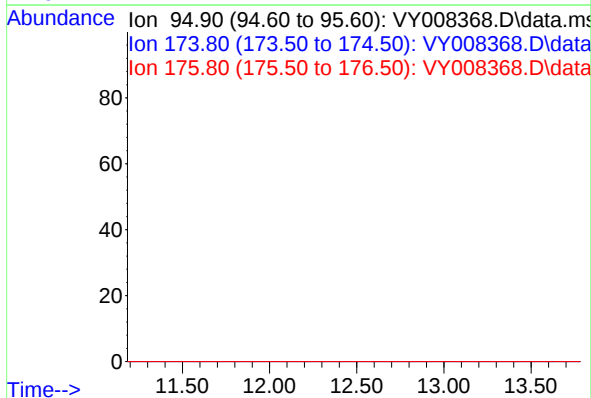
Tgt Ion: 98 Resp: 353
Ion Ratio Lower Upper
98 100
100 81.0 50.2 75.2#

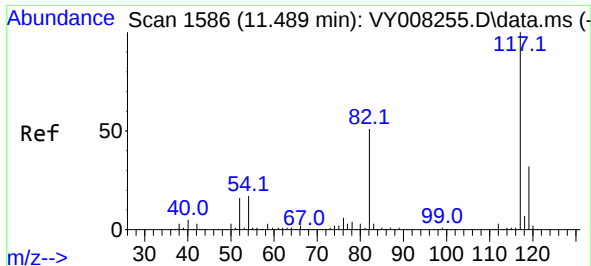


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9

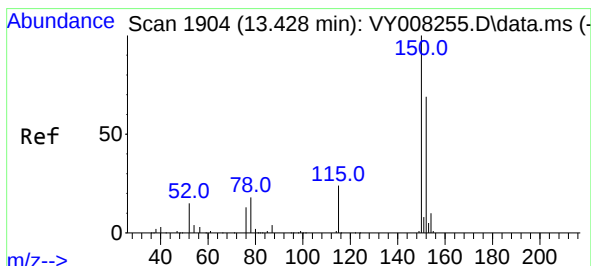
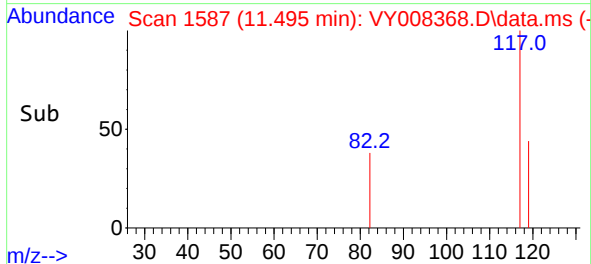
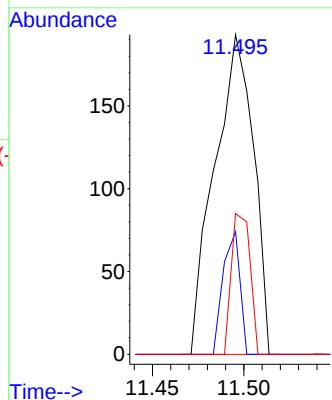
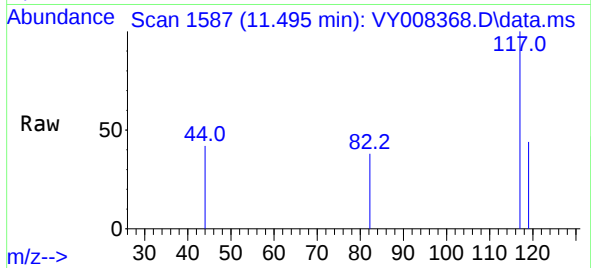




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422RE

Tgt Ion:117 Resp: 286
Ion Ratio Lower Upper
117 100
82 38.3 43.0 64.4#
119 44.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY008368.D
Acq: 18 Apr 2022 13:12

Tgt Ion:152 Resp: 21
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 100.0 0.0 347.6

