

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008318.D
 Acq On : 13 Apr 2022 17:24
 Operator : KP/MD
 Sample : N2369-01
 Misc : 6.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EMERSON-SCHOOL-STOCK-PILE

Quant Time: Apr 14 05:58:12 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	107153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63027	62.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.240%
35) Dibromofluoromethane	7.716	113	61336	54.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.179	98	235106	60.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.860%
62) 4-Bromofluorobenzene	12.483	95	82939	57.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.300%

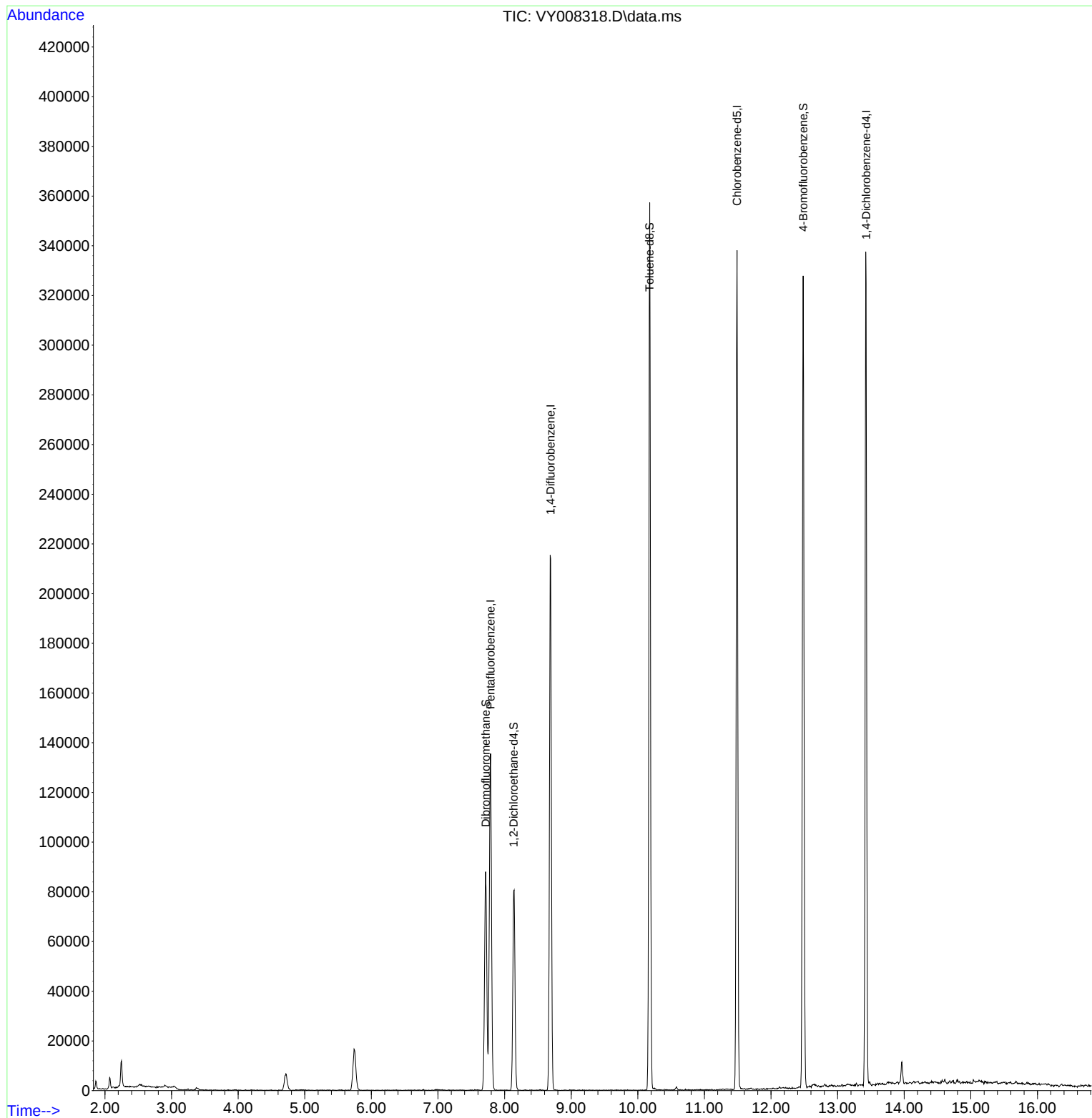
Target Compounds	Qvalue

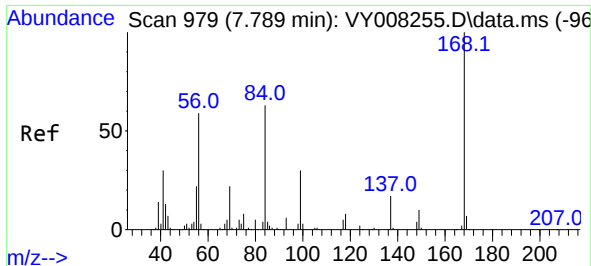
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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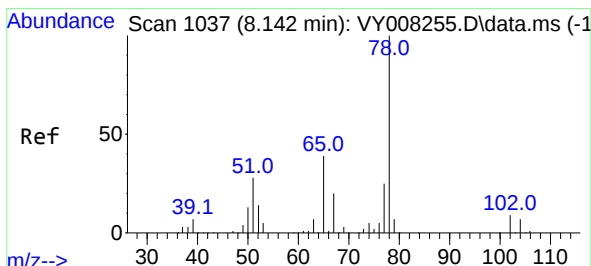
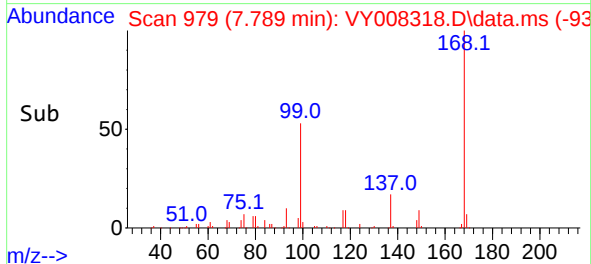
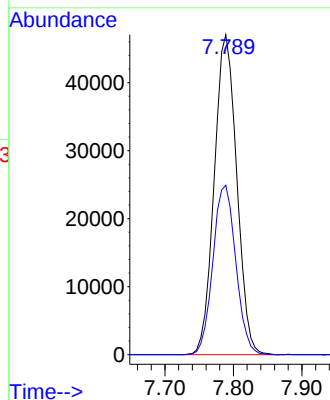
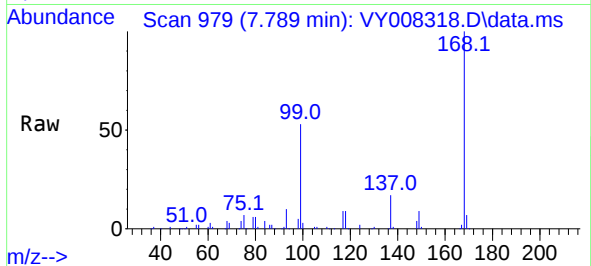




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

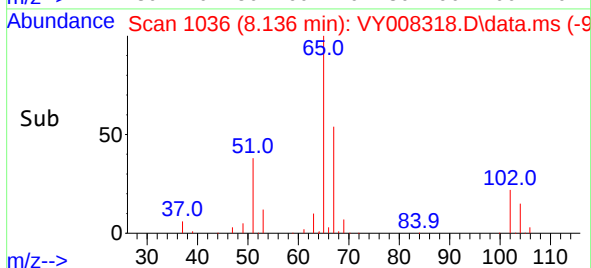
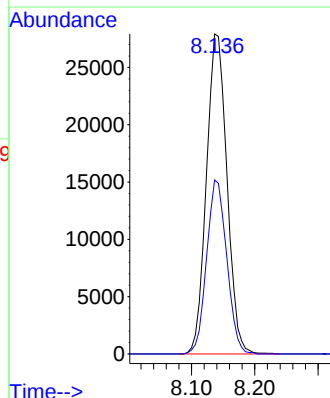
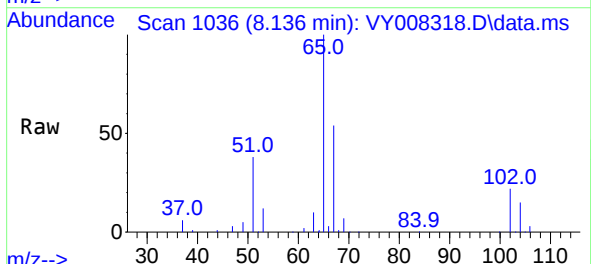
Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

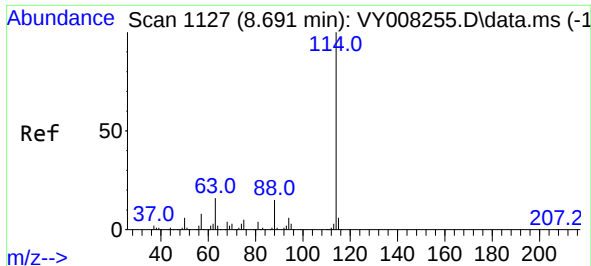
Tgt Ion:168 Resp: 107153
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.619 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 65 Resp: 63027
Ion Ratio Lower Upper
65 100
67 53.2 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: VY008318.D

Acq: 13 Apr 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

EMERSON-SCHOOL-STOCK-PILE

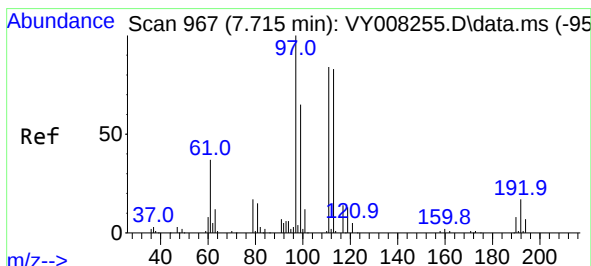
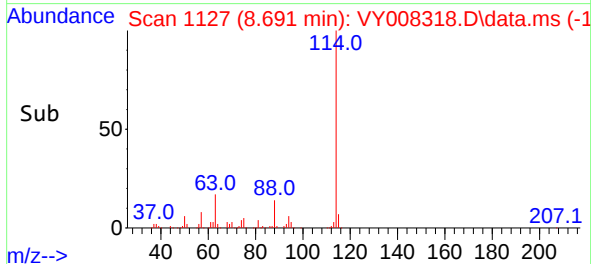
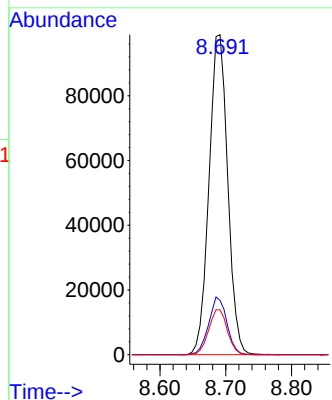
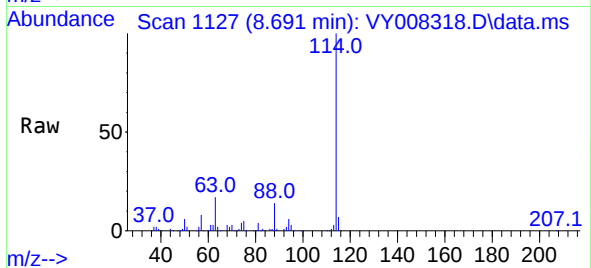
Tgt Ion:114 Resp: 195244

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.391 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008318.D

Acq: 13 Apr 2022 17:24

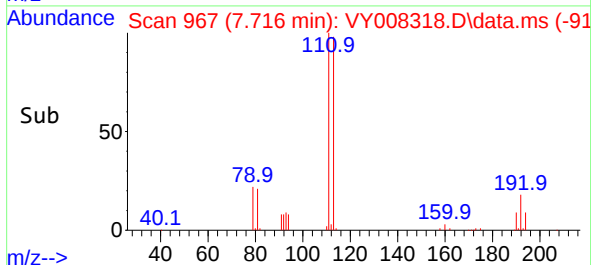
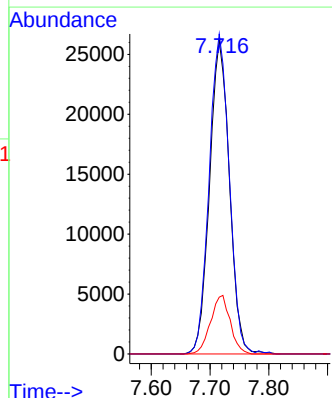
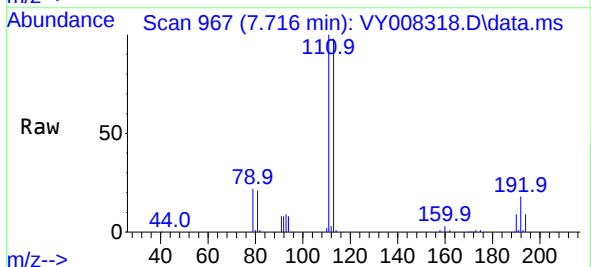
Tgt Ion:113 Resp: 61336

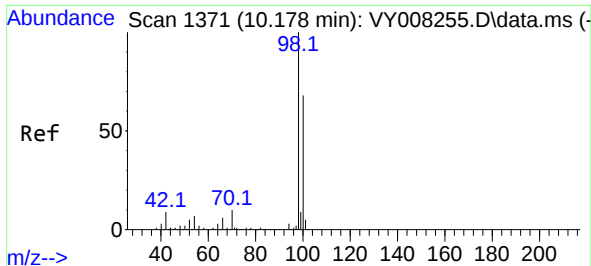
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

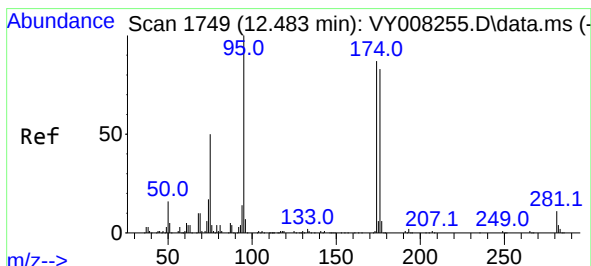
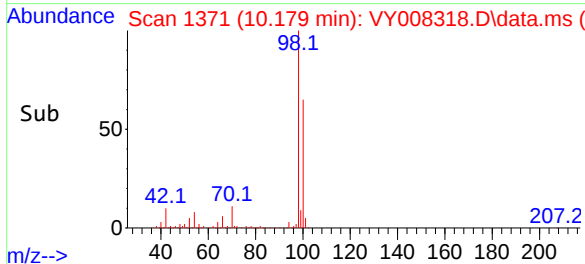
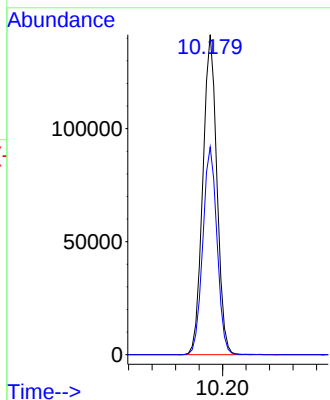
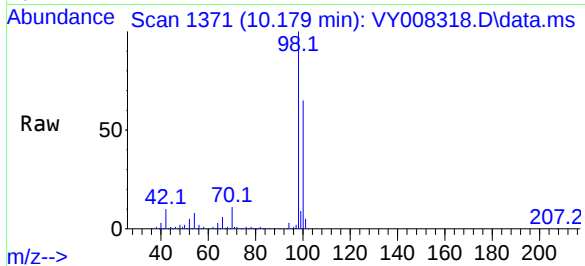




#50
Toluene-d8
Concen: 60.928 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

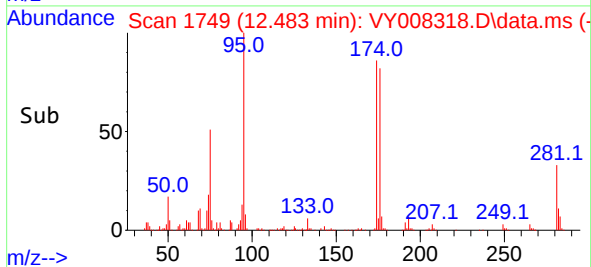
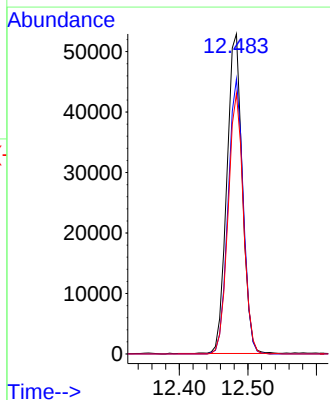
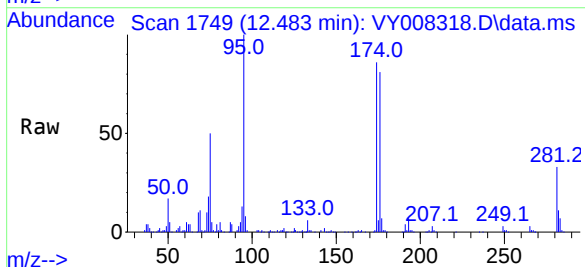
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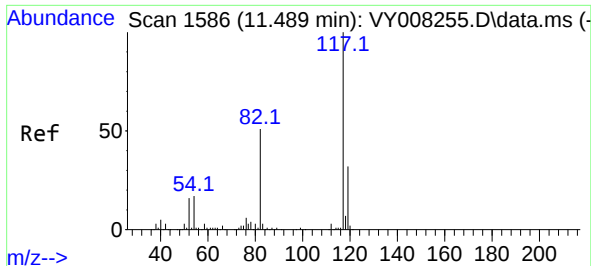
Tgt Ion: 98 Resp: 235106
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 95 Resp: 82939
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 80.2 0.0 175.8

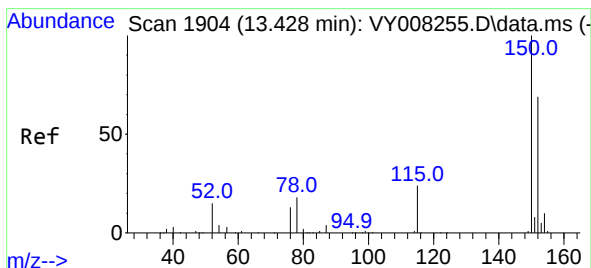
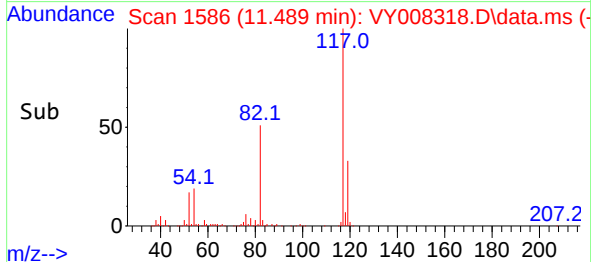
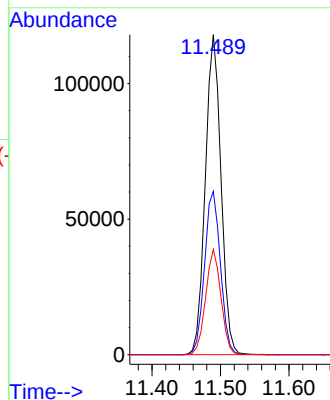
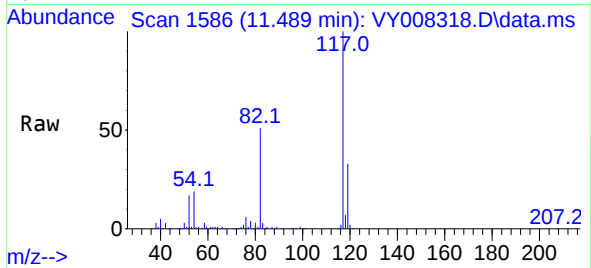




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

Tgt Ion:117 Resp: 188093
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.9 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: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion:152 Resp: 85539
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 159.6 0.0 347.6

