

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008982.D
 Acq On : 22 May 2022 05:25
 Operator : KP/MD
 Sample : N2887-15
 Misc : 2.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-1824-01

Quant Time: May 23 02:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73339	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.880%
35) Dibromofluoromethane	7.716	113	65292	51.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.179	98	257886	54.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.483	95	74186	39.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.080%

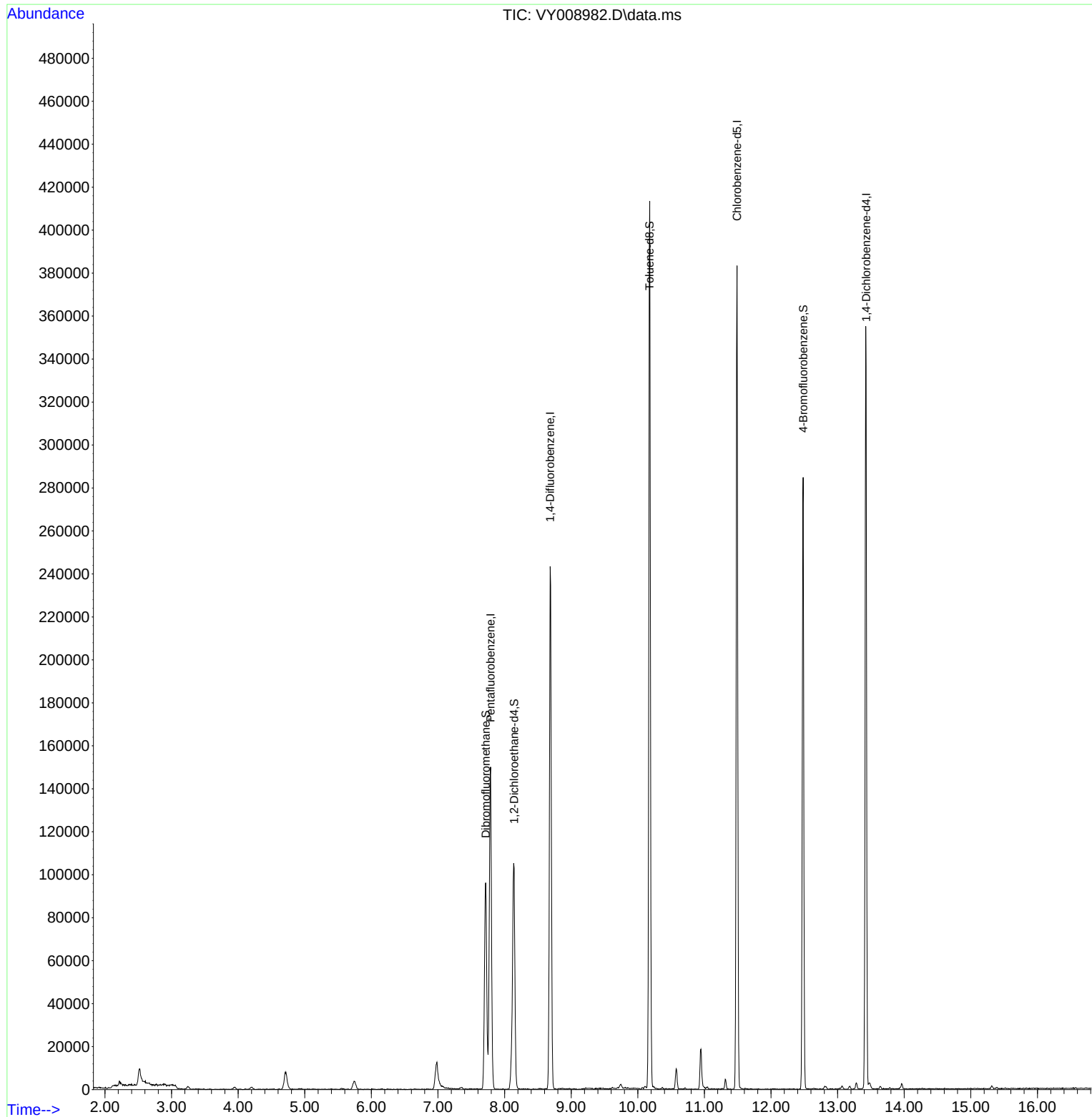
Target Compounds	Qvalue

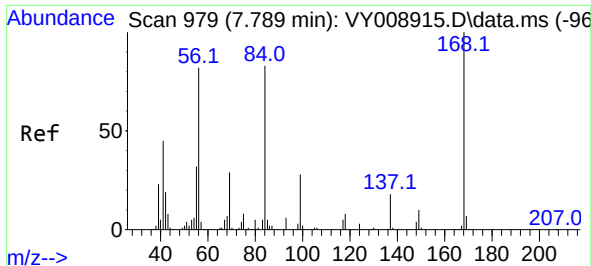
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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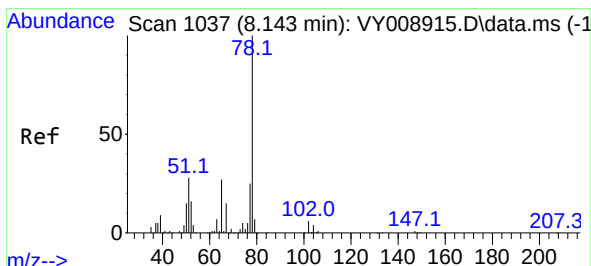
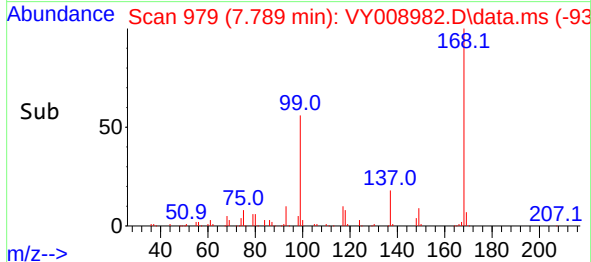
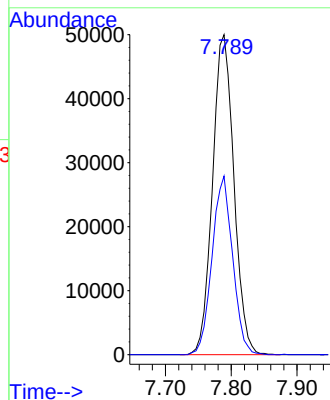
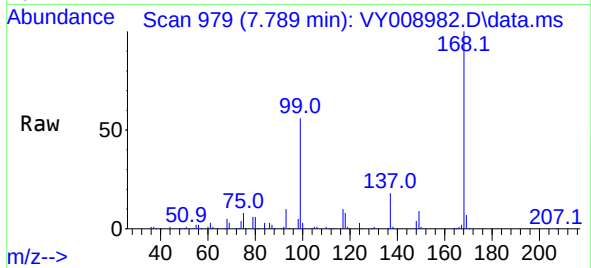




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

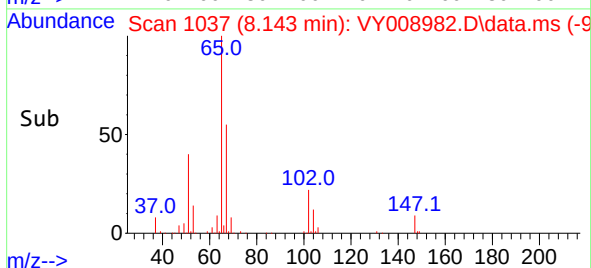
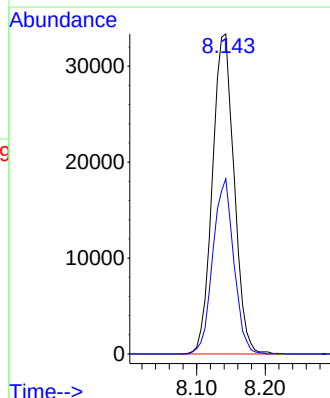
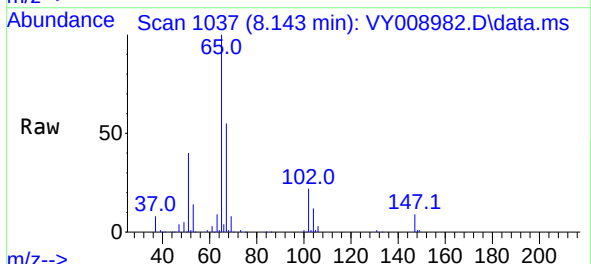
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1824-01

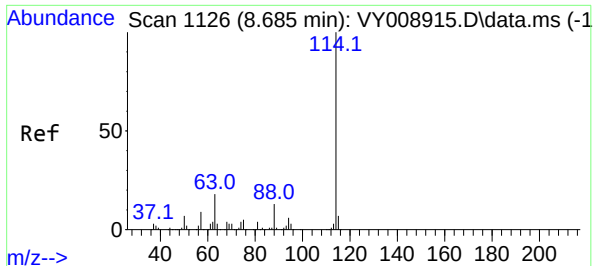
Tgt Ion:168 Resp: 113216
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.941 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 65 Resp: 73339
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008982.D

Acq: 22 May 2022 05:25

Instrument :

MSVOA_Y

ClientSampleId :

P039-SS001-1824-01

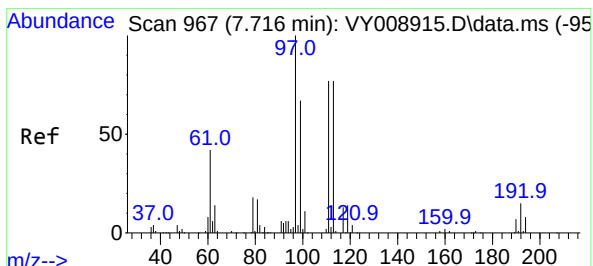
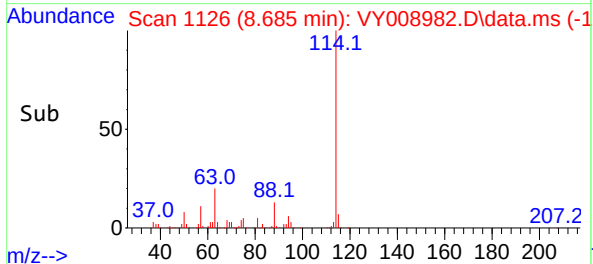
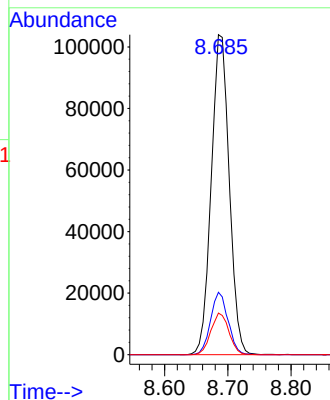
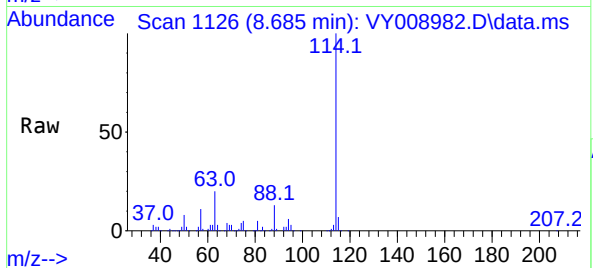
Tgt Ion:114 Resp: 205329

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008982.D

Acq: 22 May 2022 05:25

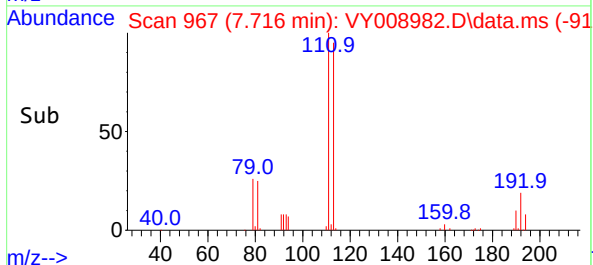
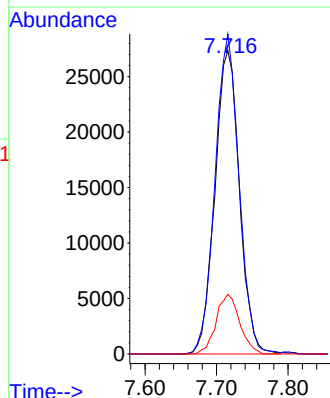
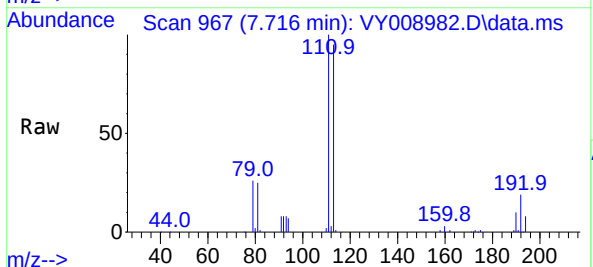
Tgt Ion:113 Resp: 65292

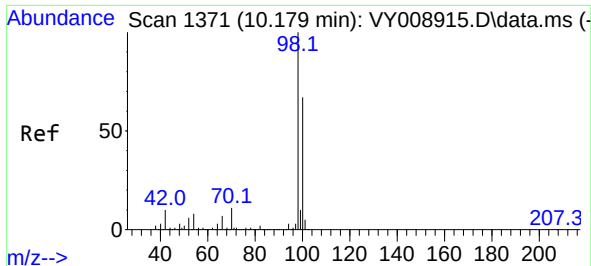
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.9 17.6 26.4

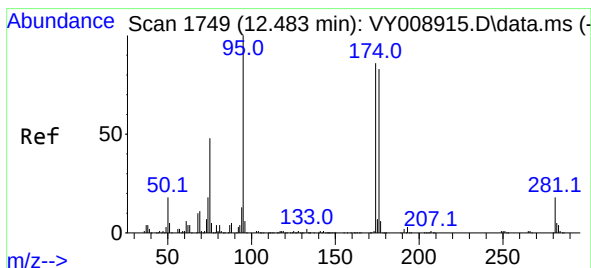
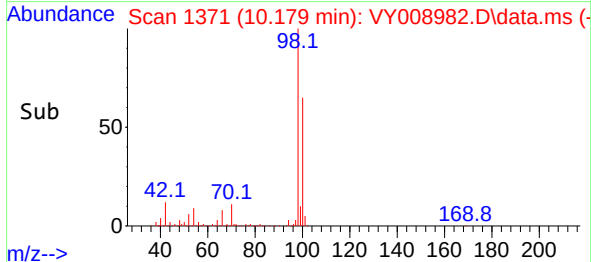
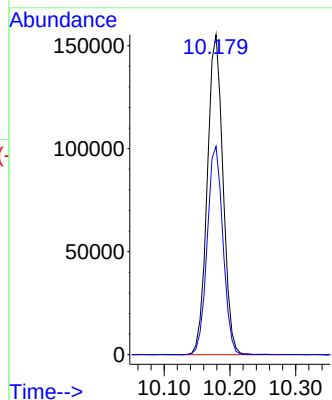
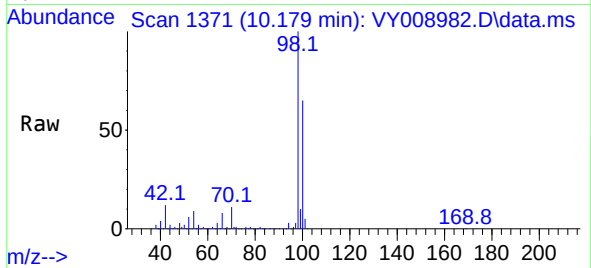




#50
Toluene-d8
Concen: 54.748 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

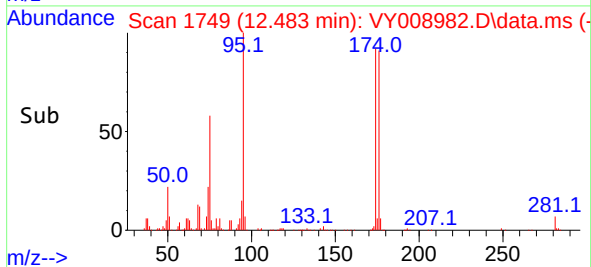
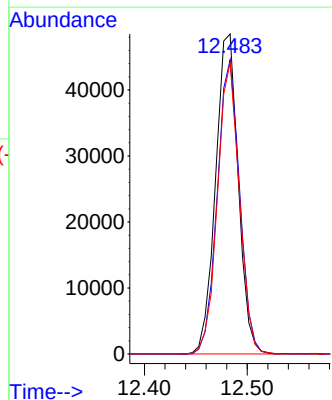
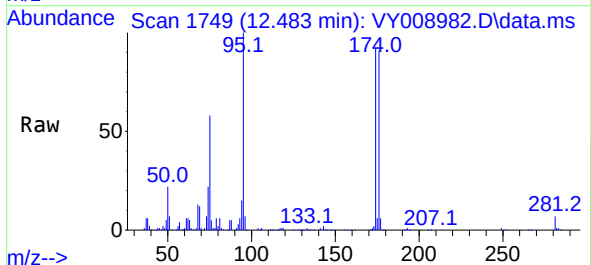
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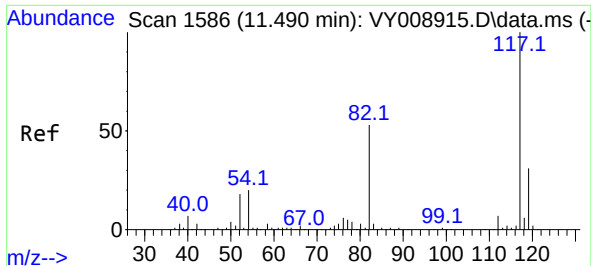
Tgt Ion: 98 Resp: 257886
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion: 95 Resp: 74186
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.8 0.0 175.8

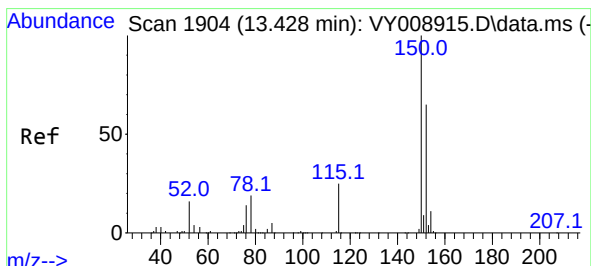
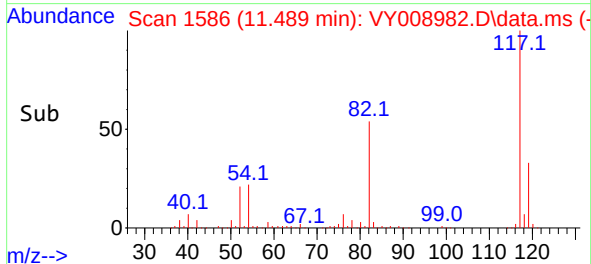
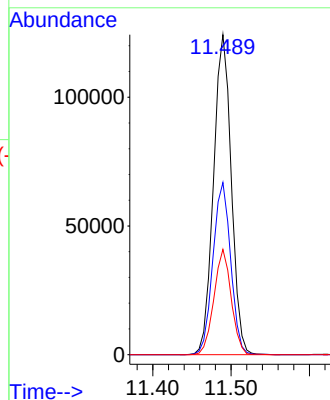
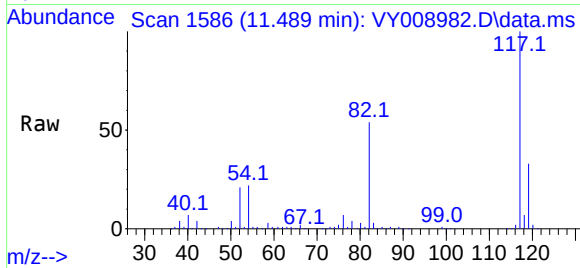




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008982.D
Acq: 22 May 2022 05:25

Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1824-01

Tgt Ion:117 Resp: 195913
Ion Ratio Lower Upper
117 100
82 53.8 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: VY008982.D
Acq: 22 May 2022 05:25

Tgt Ion:152 Resp: 85000
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 159.1 0.0 347.6

