

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008373.D
 Acq On : 18 Apr 2022 15:09
 Operator : KP/MD
 Sample : N2430-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E13-EB1-041322-0-2

Quant Time: Apr 19 06:29:47 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	97696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56342	61.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.800%
35) Dibromofluoromethane	7.722	113	57693	56.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.180%
50) Toluene-d8	10.179	98	218519	62.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.180%
62) 4-Bromofluorobenzene	12.483	95	72199	54.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.080%

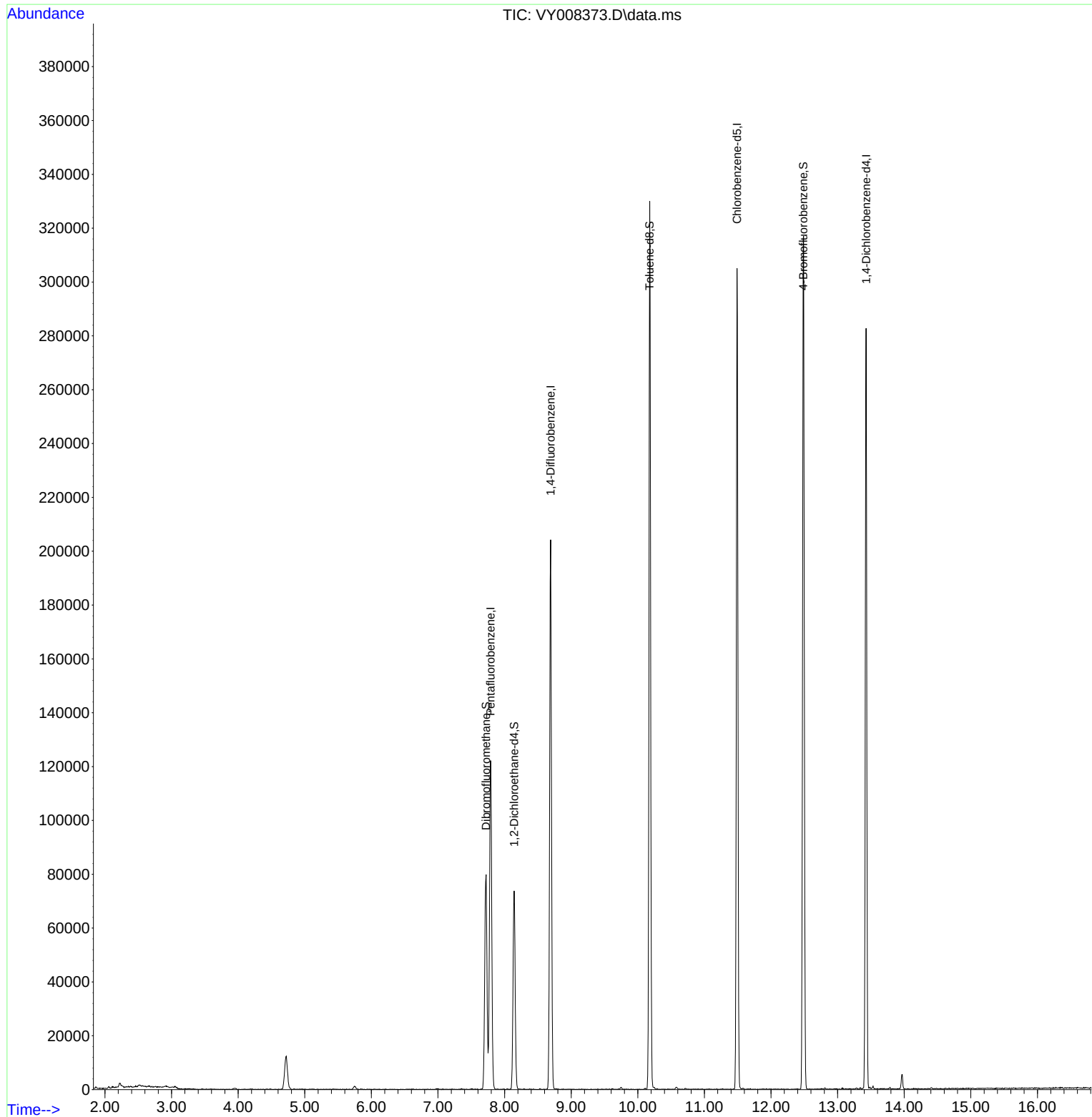
Target Compounds	Qvalue

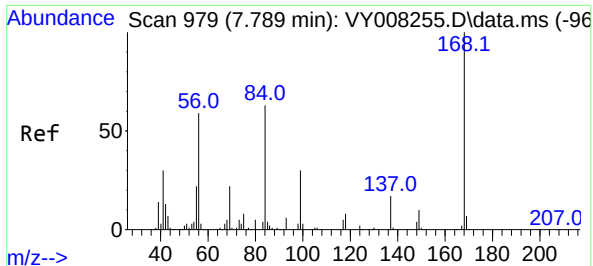
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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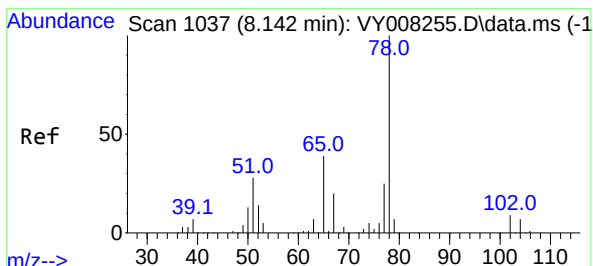
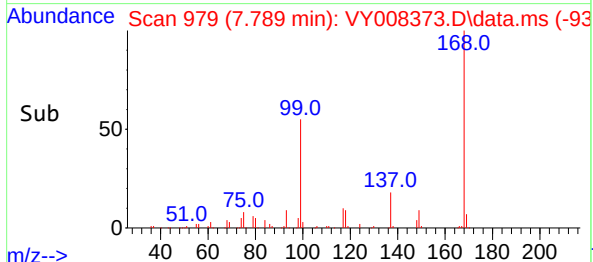
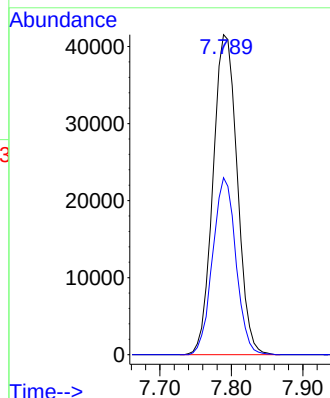
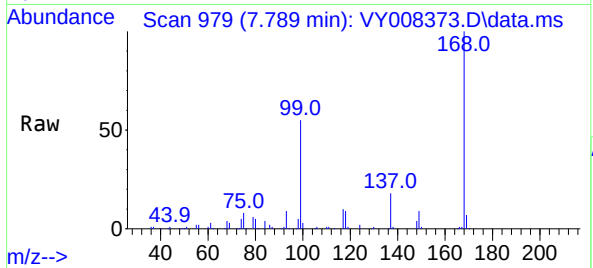




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

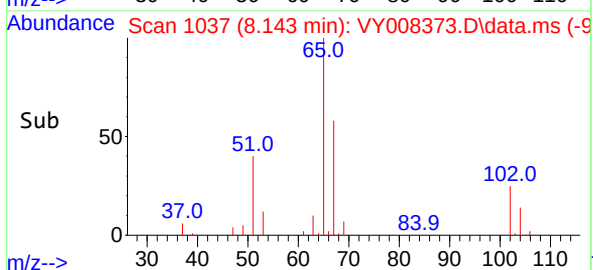
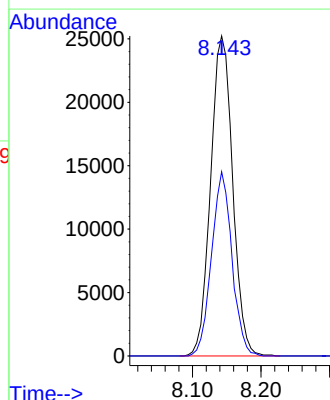
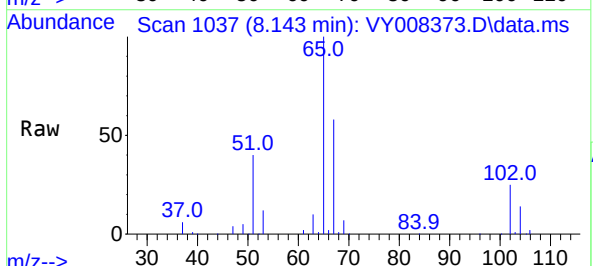
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

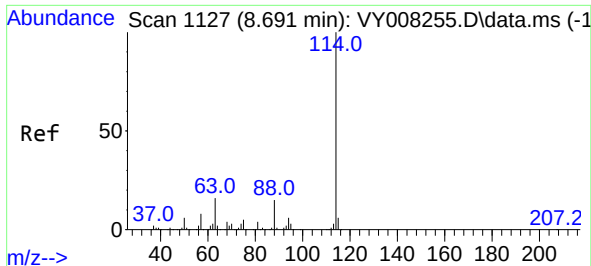
Tgt Ion:168 Resp: 97696
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.396 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 65 Resp: 56342
Ion Ratio Lower Upper
65 100
67 53.3 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: VY008373.D

Acq: 18 Apr 2022 15:09

Instrument :

MSVOA_Y

ClientSampleId :

E13-EB1-041322-0-2

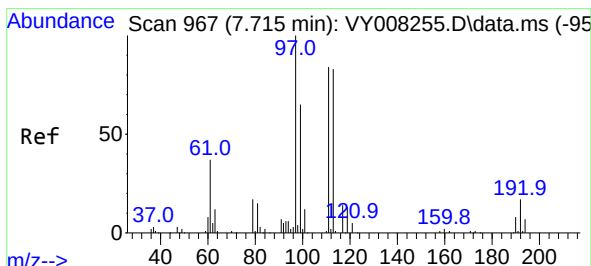
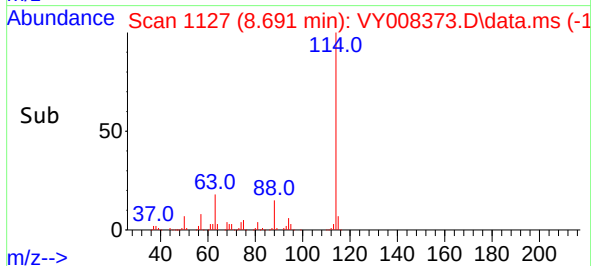
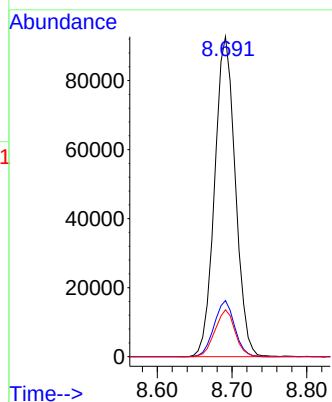
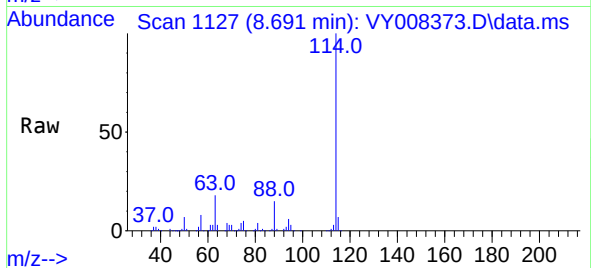
Tgt Ion:114 Resp: 178081

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.091 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008373.D

Acq: 18 Apr 2022 15:09

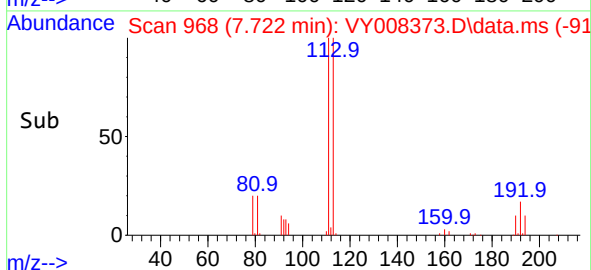
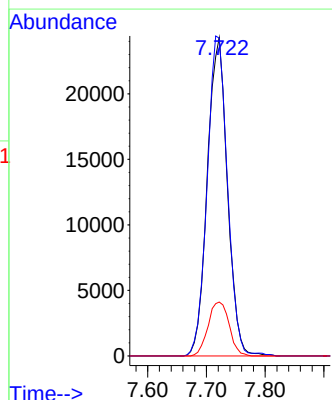
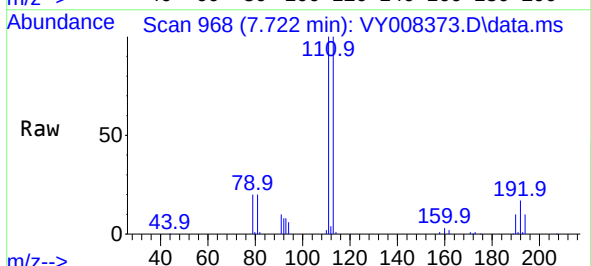
Tgt Ion:113 Resp: 57693

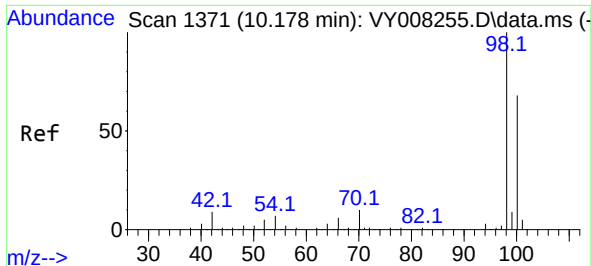
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.8 17.6 26.4

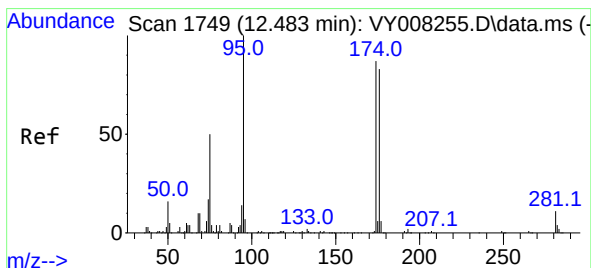
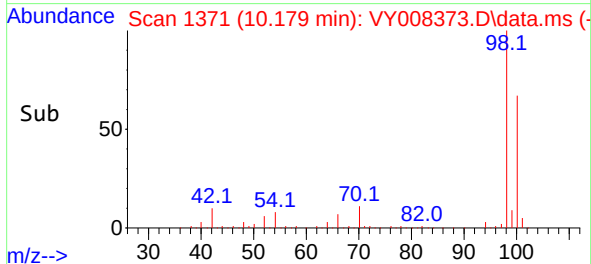
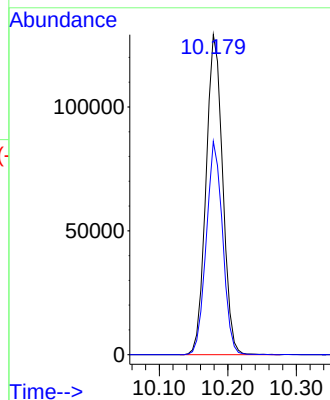
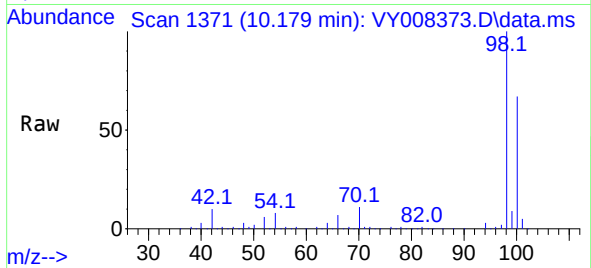




#50
Toluene-d8
Concen: 62.087 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

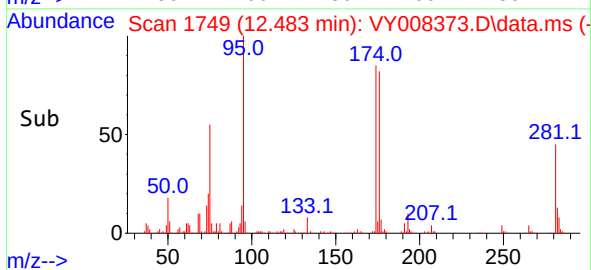
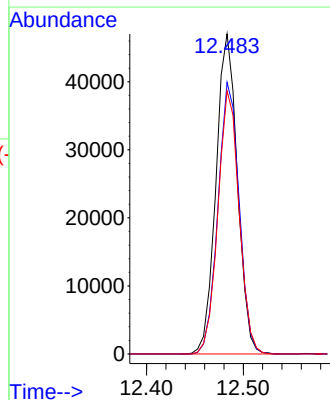
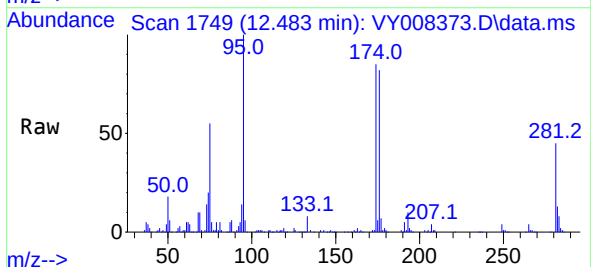
Instrument :
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E13-EB1-041322-0-2

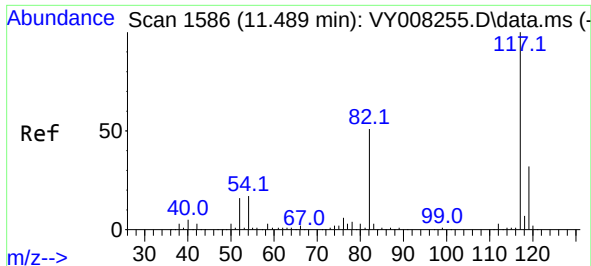
Tgt Ion: 98 Resp: 218519
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 95 Resp: 72199
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.1 0.0 175.8

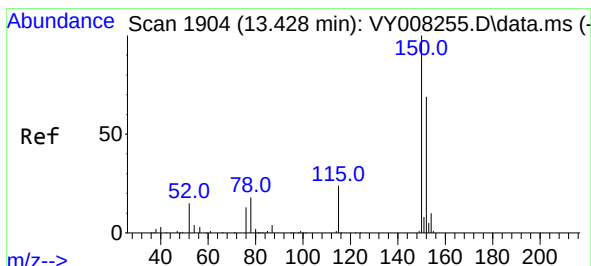
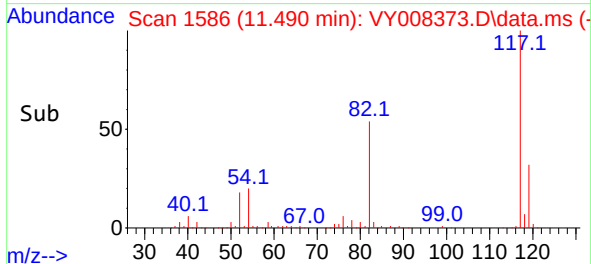
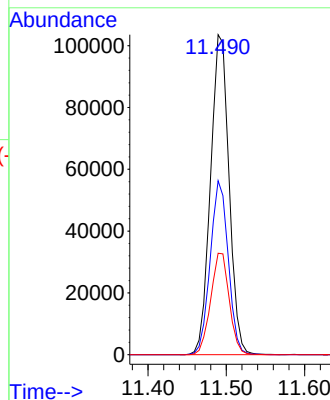
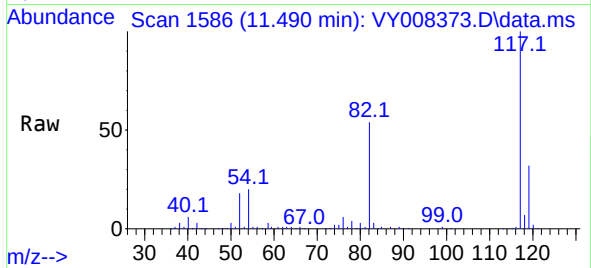




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

Tgt Ion:117 Resp: 170109
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.7 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: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion:152 Resp: 71590
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 160.7 0.0 347.6

