

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008824.D
 Acq On : 18 May 2022 19:13
 Operator : KP/MD
 Sample : N2841-17
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P009-SS003-0612-01

Quant Time: May 19 03:12:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77381	70.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.260%
35) Dibromofluoromethane	7.716	113	69796	56.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.400%
50) Toluene-d8	10.179	98	265637	48.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.483	95	80342	41.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.860%

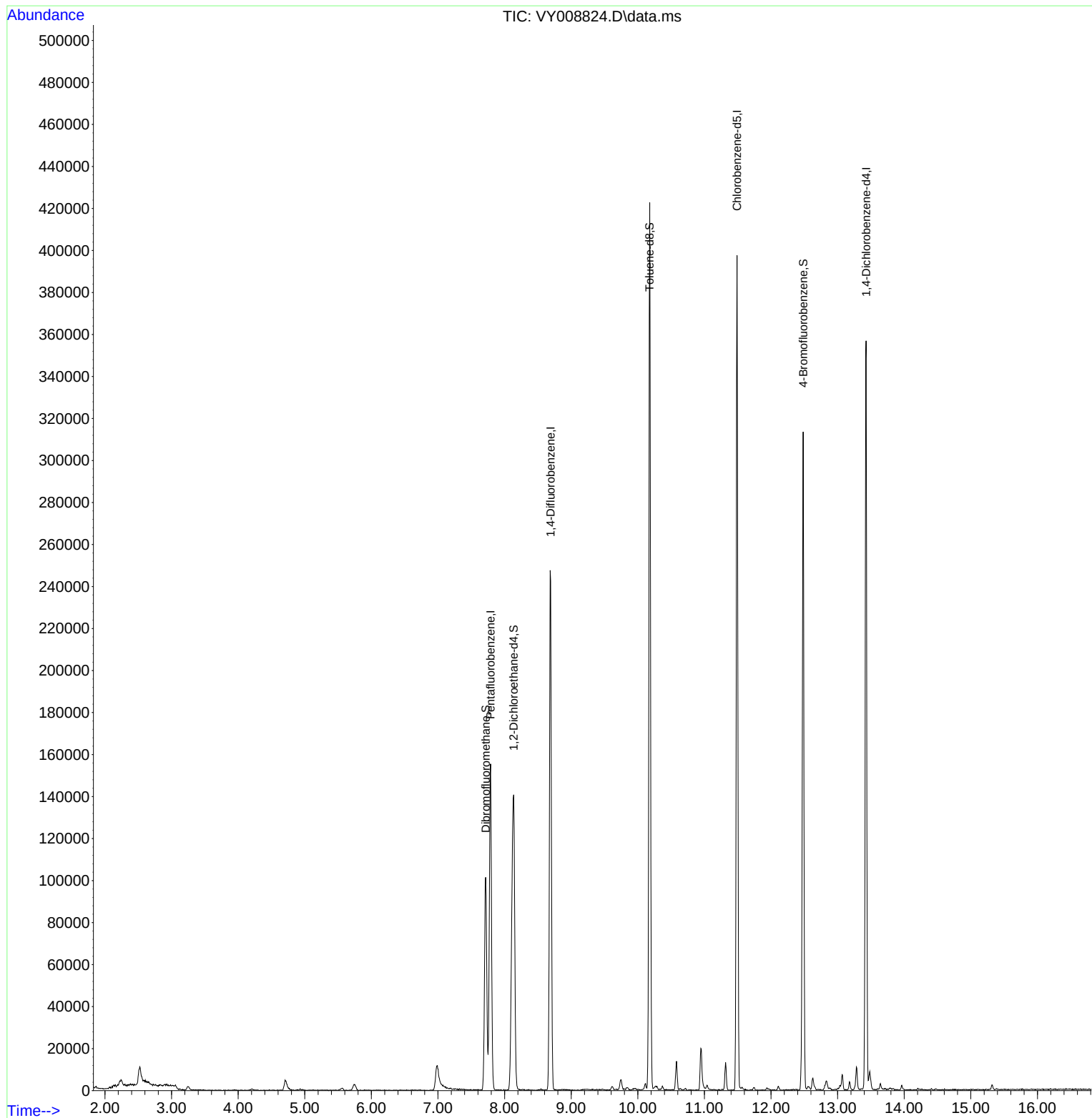
Target Compounds	Qvalue

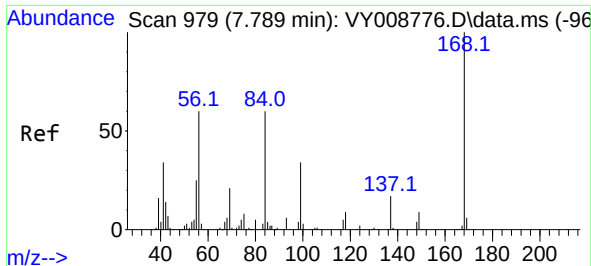
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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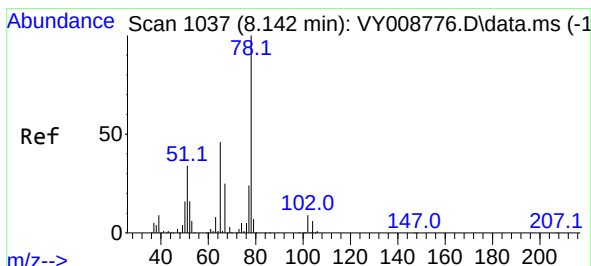
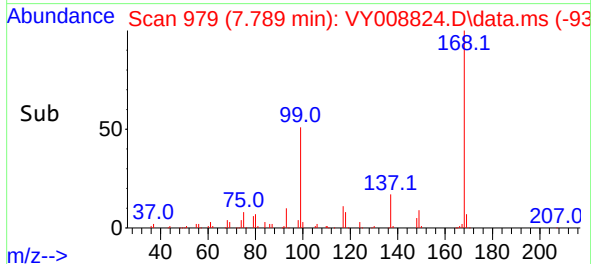
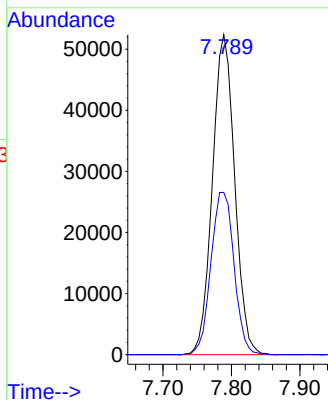
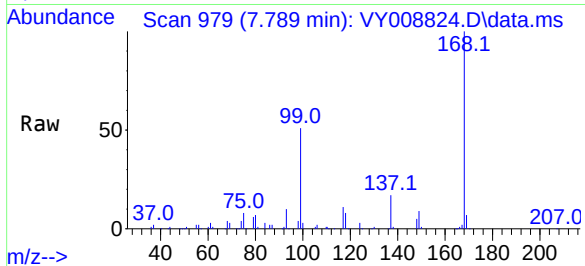




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008824.D
Acq: 18 May 2022 19:13

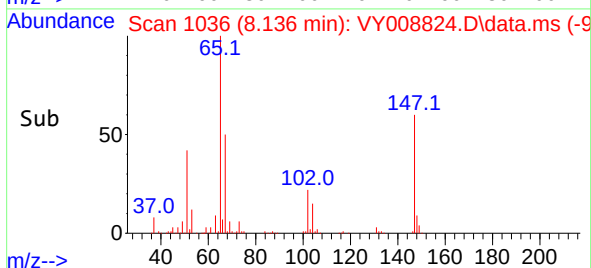
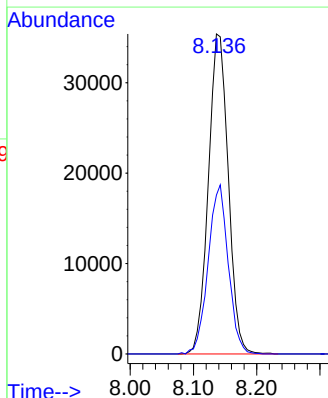
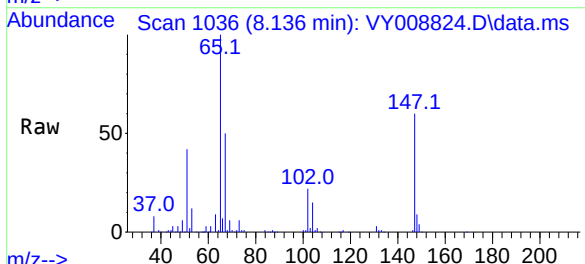
Instrument :
MSVOA_Y
ClientSampleId :
P009-SS003-0612-01

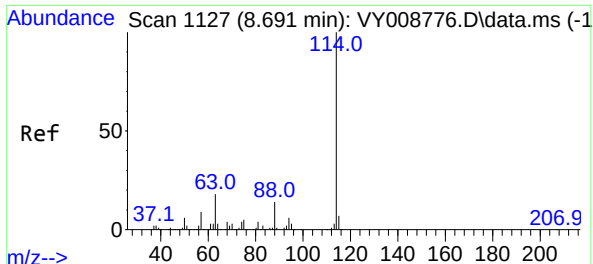
Tgt Ion:168 Resp: 118093
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.632 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008824.D
Acq: 18 May 2022 19:13

Tgt Ion: 65 Resp: 77381
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008824.D

Acq: 18 May 2022 19:13

Instrument :

MSVOA_Y

ClientSampleId :

P009-SS003-0612-01

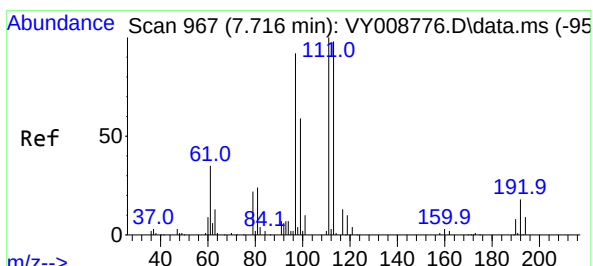
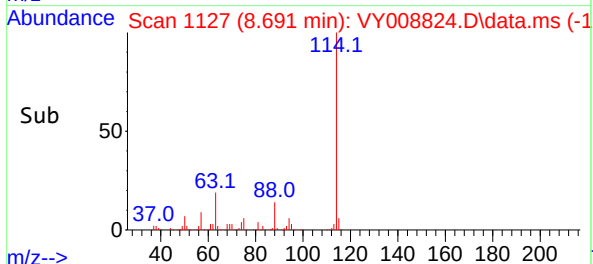
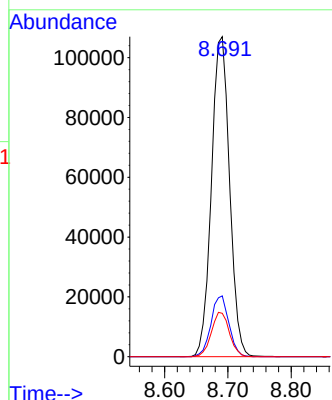
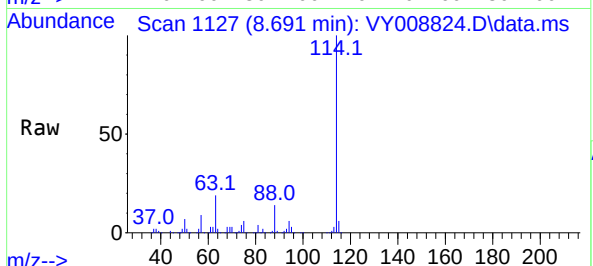
Tgt Ion:114 Resp: 212543

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.204 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008824.D

Acq: 18 May 2022 19:13

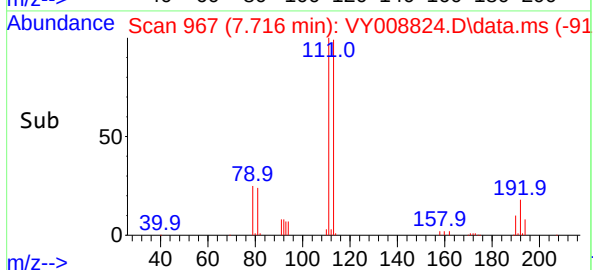
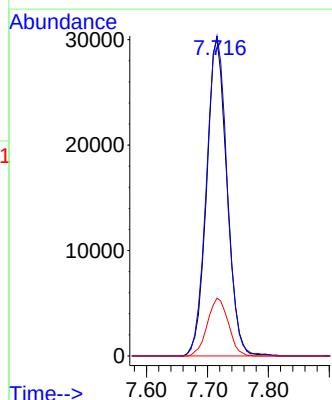
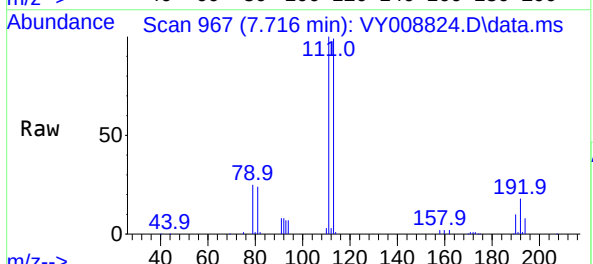
Tgt Ion:113 Resp: 69796

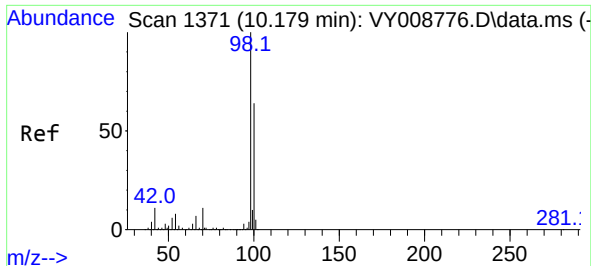
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.8 17.6 26.4

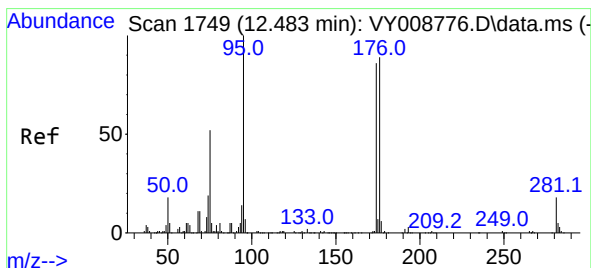
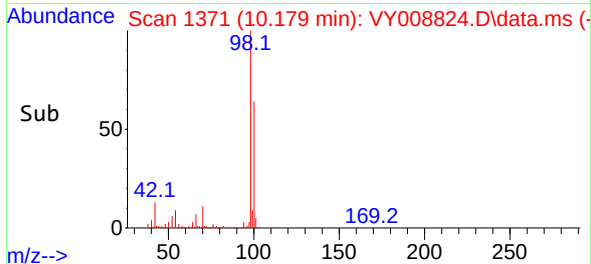
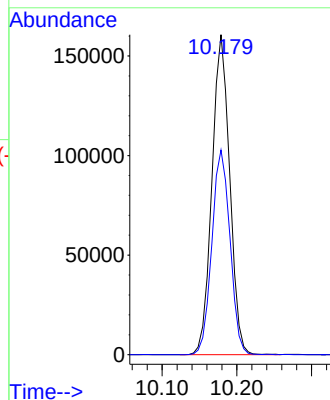
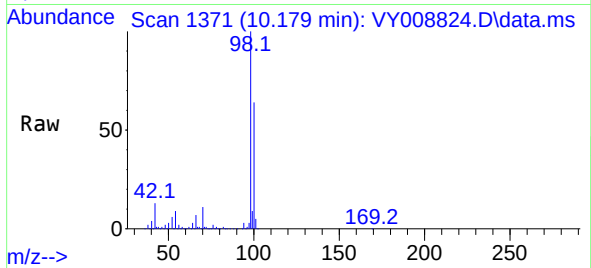




#50
Toluene-d8
Concen: 48.242 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008824.D
Acq: 18 May 2022 19:13

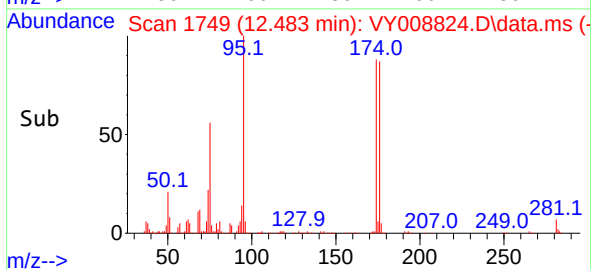
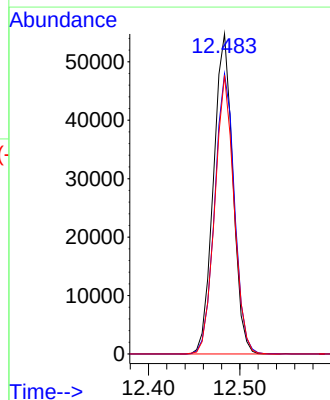
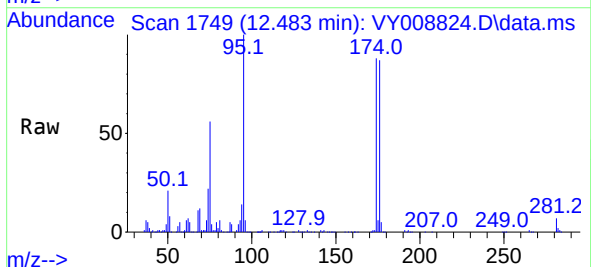
Instrument :
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ClientSampleId :
P009-SS003-0612-01

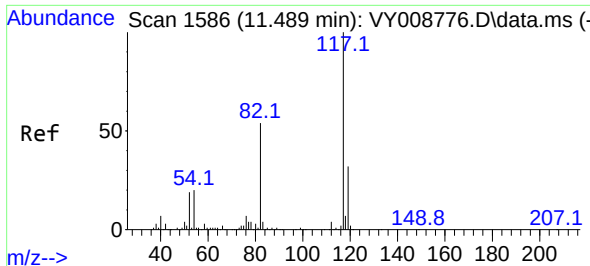
Tgt Ion: 98 Resp: 265637
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.428 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008824.D
Acq: 18 May 2022 19:13

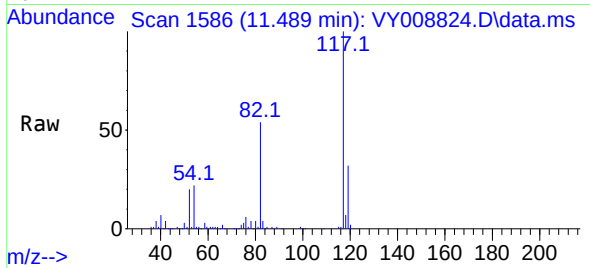
Tgt Ion: 95 Resp: 80342
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.1 0.0 175.8



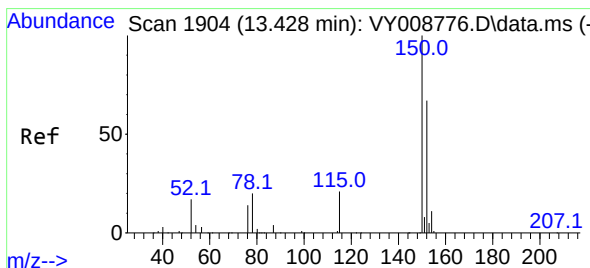
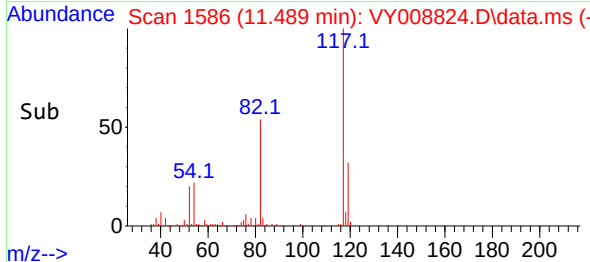
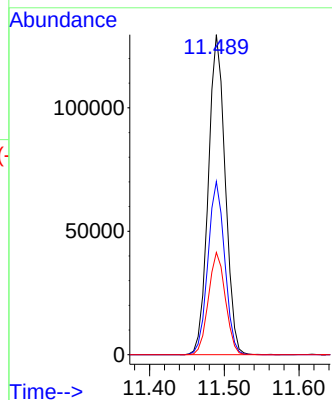


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008824.D
Acq: 18 May 2022 19:13

Instrument :
MSVOA_Y
ClientSampleId :
P009-SS003-0612-01



Tgt Ion:117 Resp: 203635
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.0 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: VY008824.D
Acq: 18 May 2022 19:13

Tgt Ion:152 Resp: 88466
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.2 0.0 347.6

