

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008826.D
 Acq On : 18 May 2022 20:00
 Operator : KP/MD
 Sample : N2841-08RE
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS003-1824-01RE

Quant Time: May 19 03:13:18 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	118009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77204	70.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.040%
35) Dibromofluoromethane	7.716	113	68242	54.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.880%
50) Toluene-d8	10.179	98	265047	48.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.483	95	79398	40.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.960%

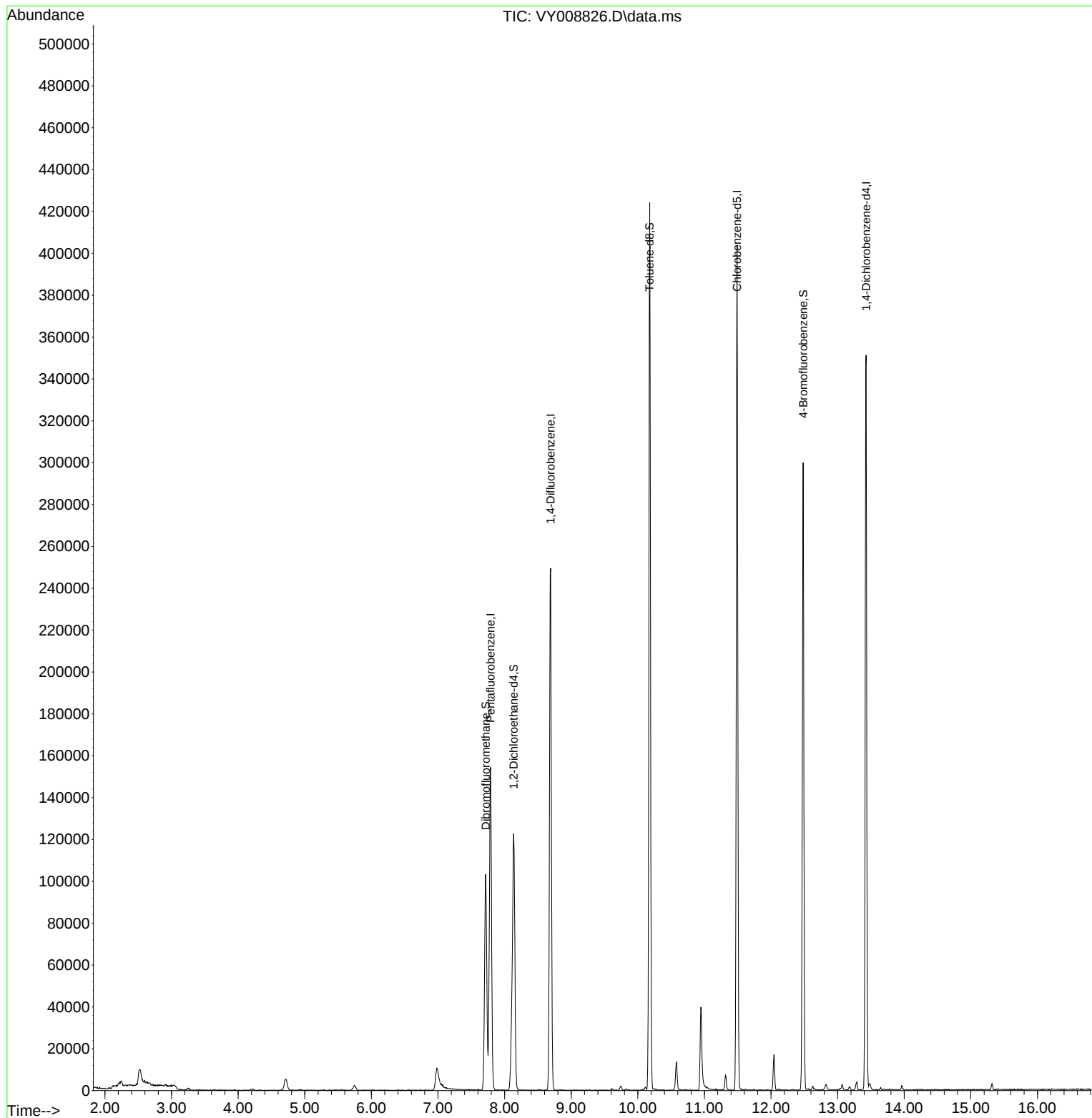
Target Compounds	Qvalue

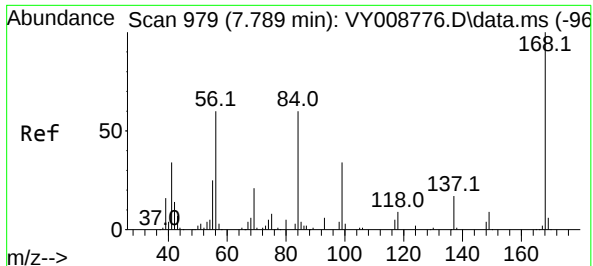
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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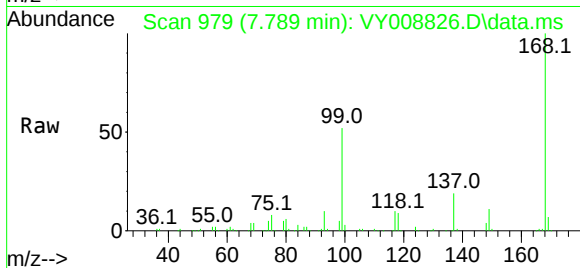
Quant Time: May 19 03:13:18 2022
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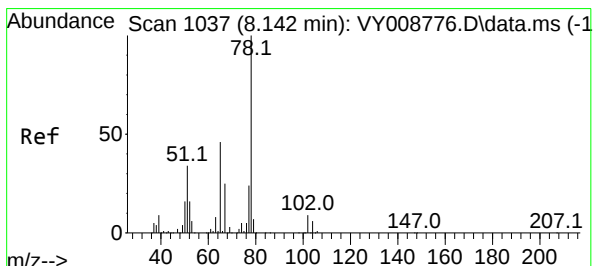
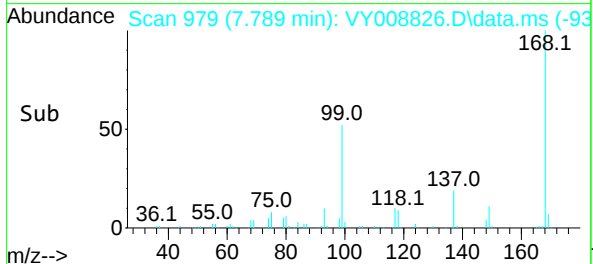
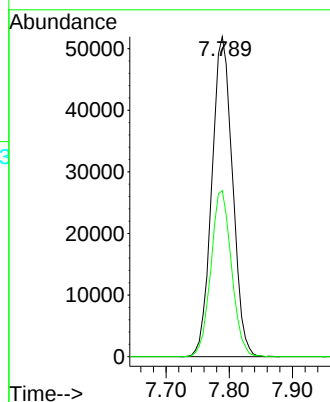


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1824-01RE

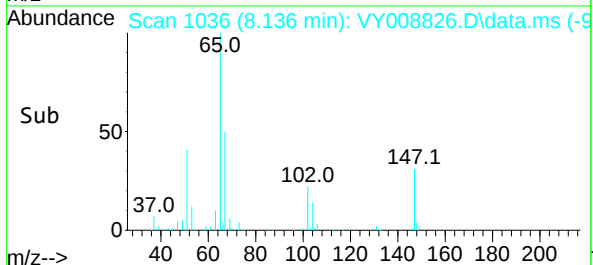
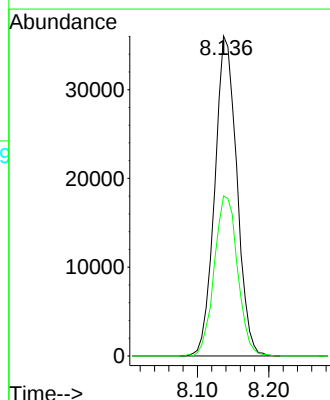
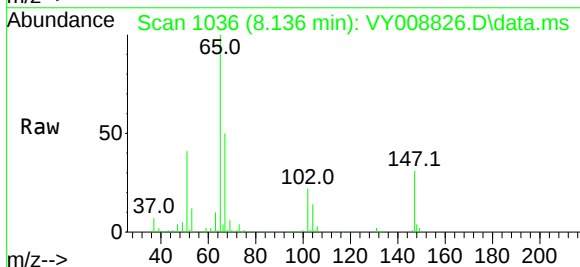


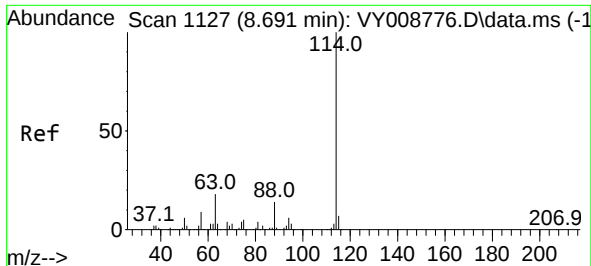
Tgt Ion:168 Resp: 118009
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.520 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

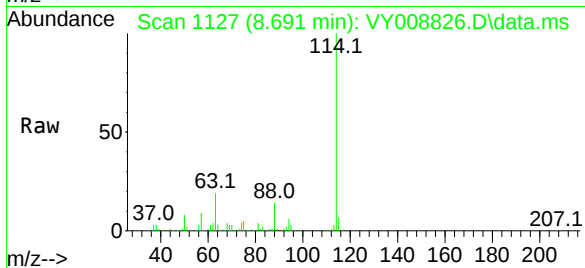
Tgt Ion: 65 Resp: 77204
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



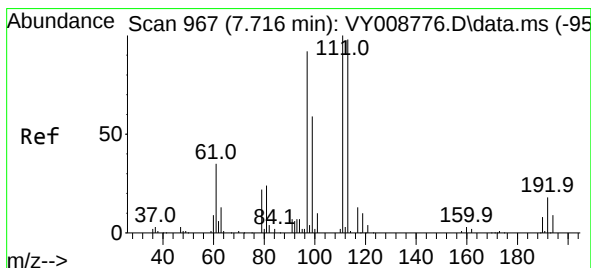
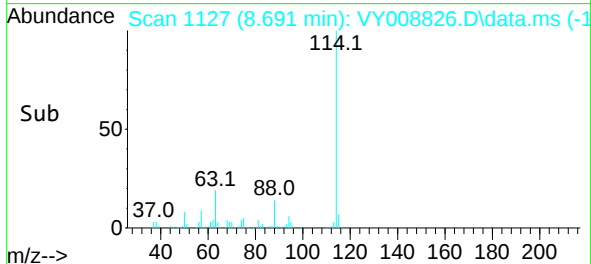
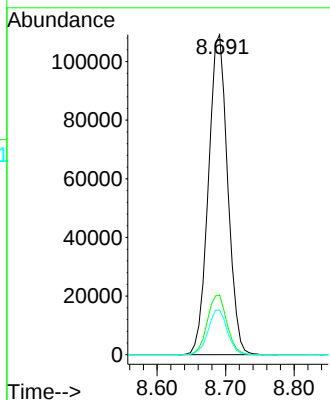


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

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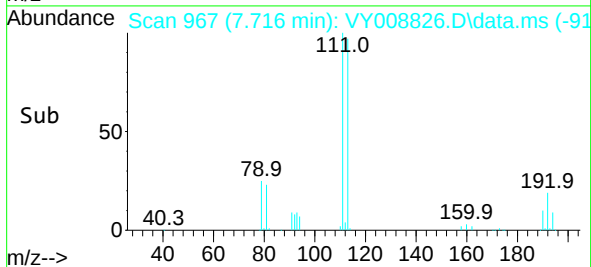
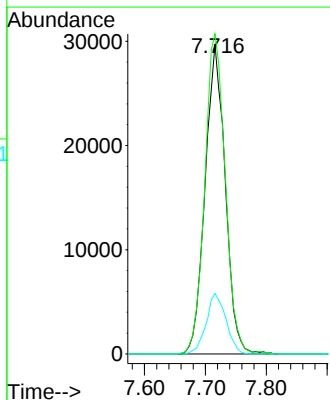
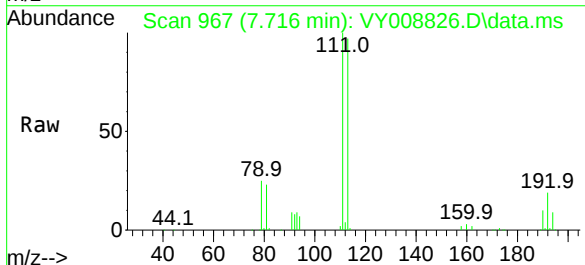


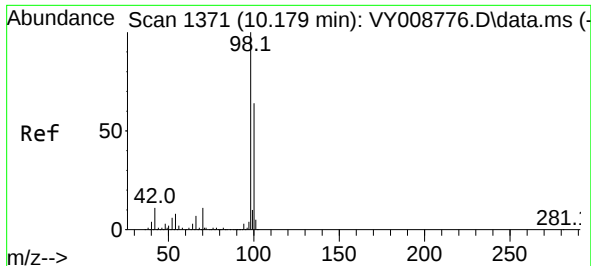
Tgt Ion:114 Resp: 212577
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.943 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

Tgt Ion:113 Resp: 68242
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 19.2 17.6 26.4

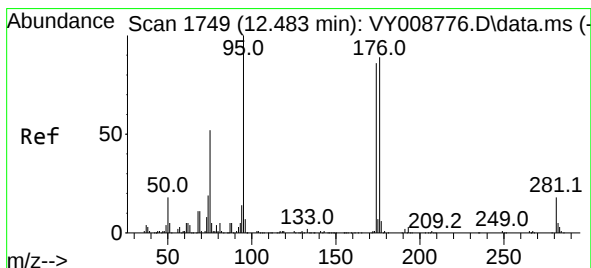
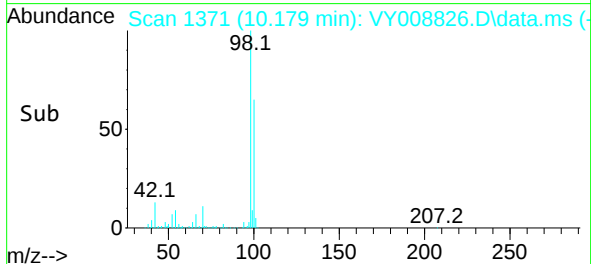
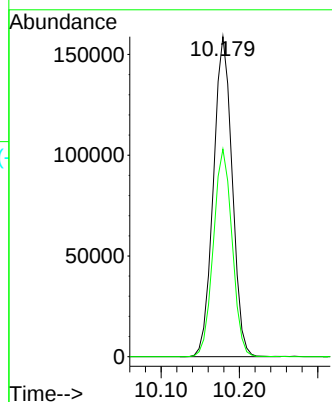
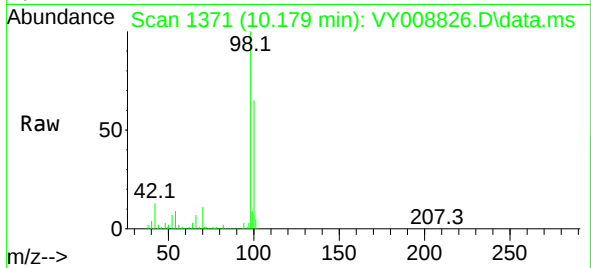




#50
Toluene-d8
Concen: 48.135 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

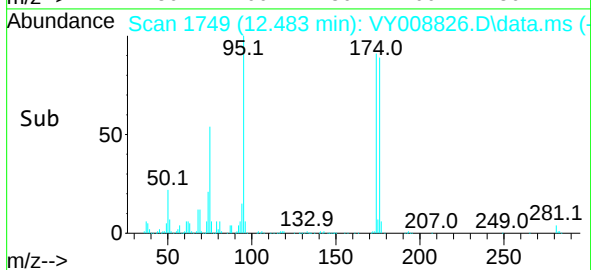
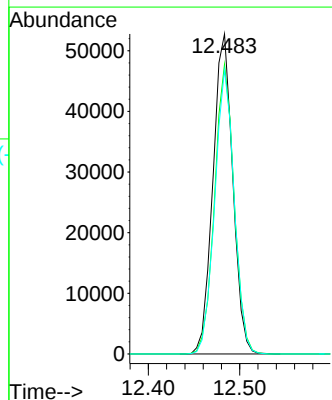
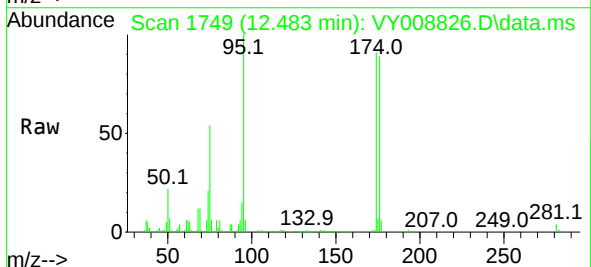
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1824-01RE

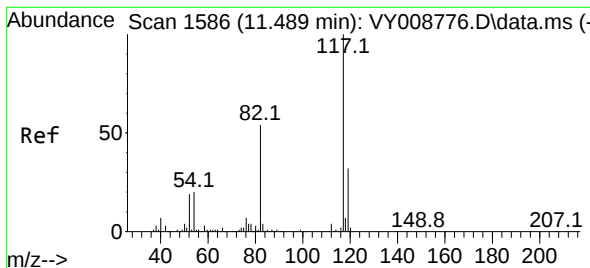
Tgt Ion: 98 Resp: 265047
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008826.D
Acq: 18 May 2022 20:00

Tgt Ion: 95 Resp: 79398
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.3 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: VY008826.D

Acq: 18 May 2022 20:00

Instrument :

MSVOA_Y

ClientSampleId :

P005-SS003-1824-01RE

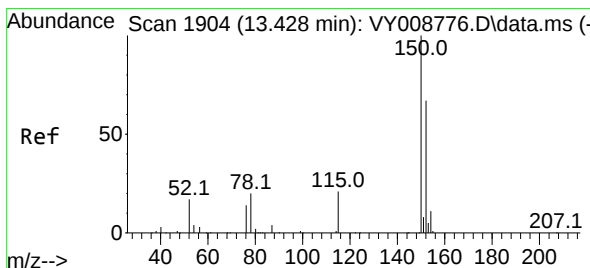
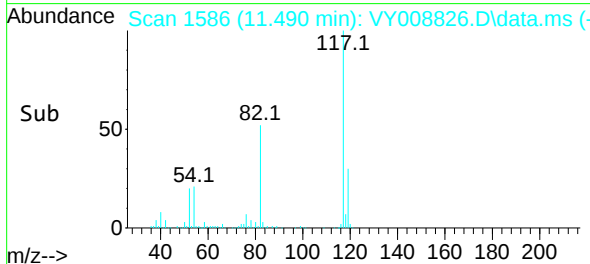
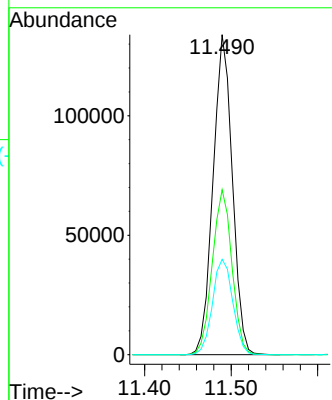
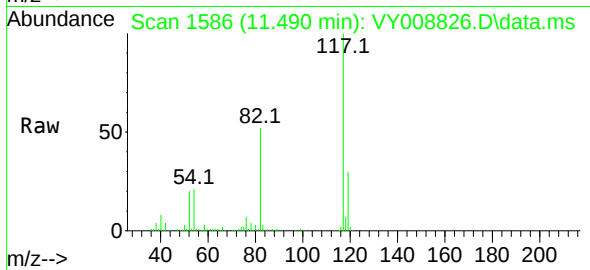
Tgt Ion:117 Resp: 206995

Ion Ratio Lower Upper

117 100

82 51.5 43.0 64.4

119 29.8 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: VY008826.D

Acq: 18 May 2022 20:00

Tgt Ion:152 Resp: 87453

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 159.1 0.0 347.6

