

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017675.D
 Acq On : 15 Mar 2024 16:10
 Operator : SY/MD
 Sample : P1746-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Mar 16 00:18:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52871	48.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.716	113	64335	46.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.179	98	226234	46.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.483	95	59255	39.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.180%

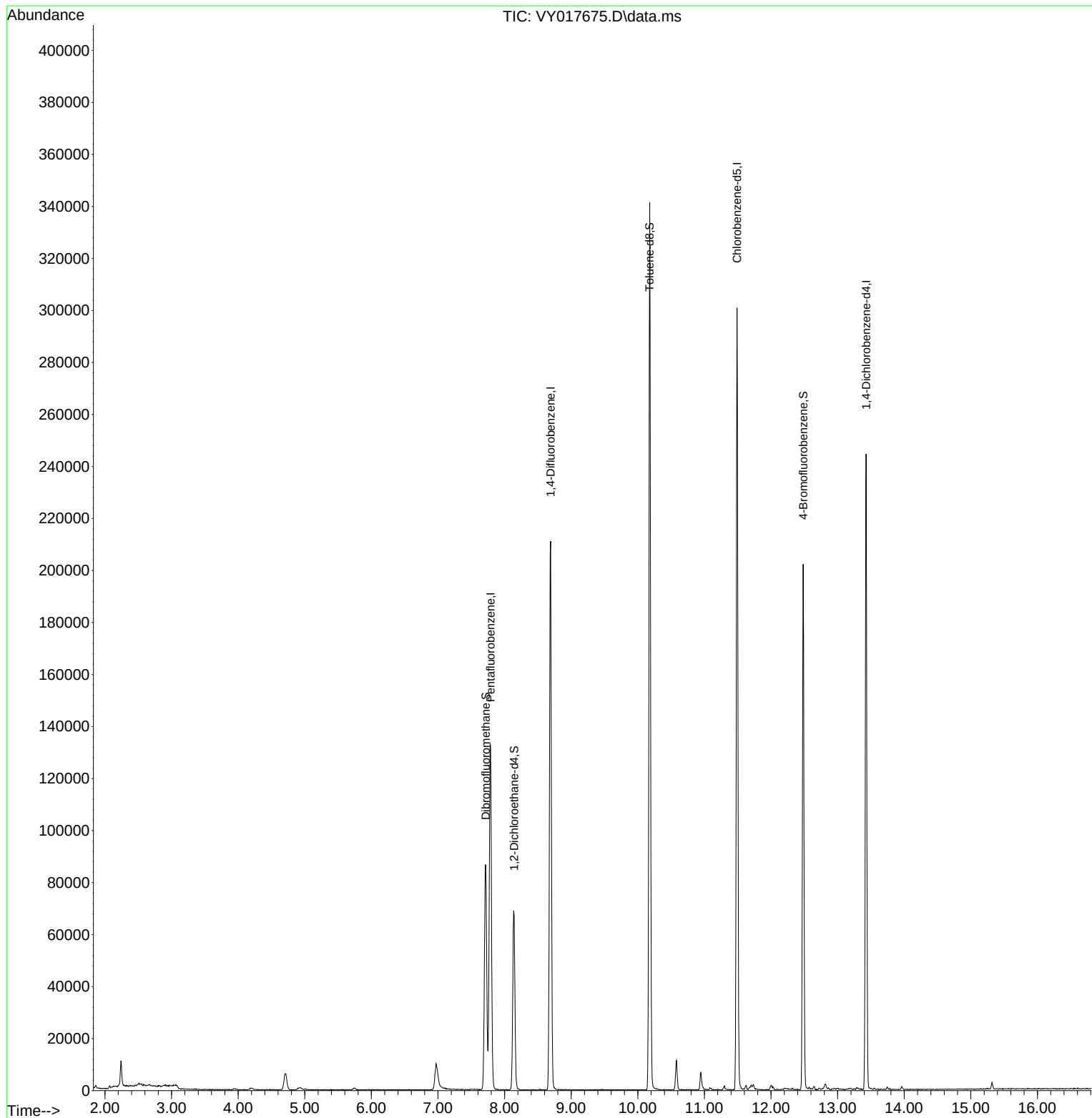
Target Compounds	Qvalue

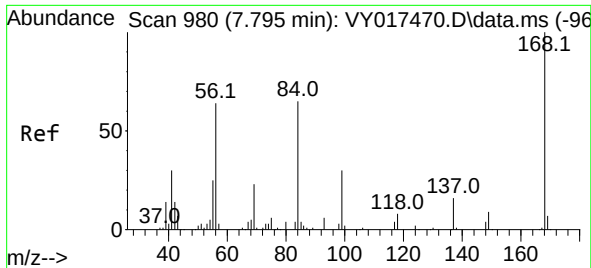
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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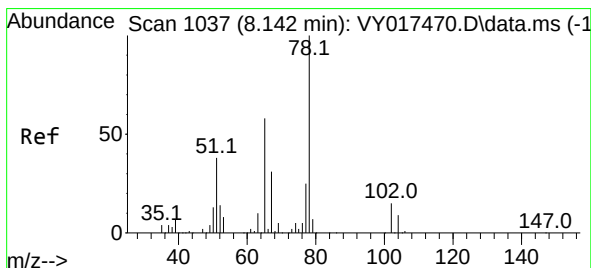
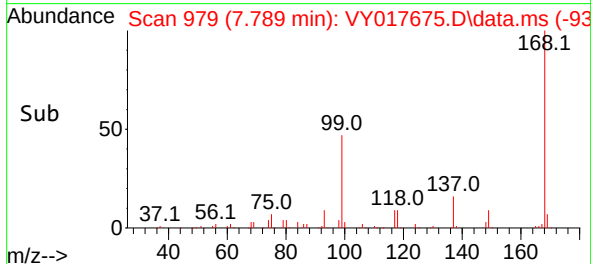
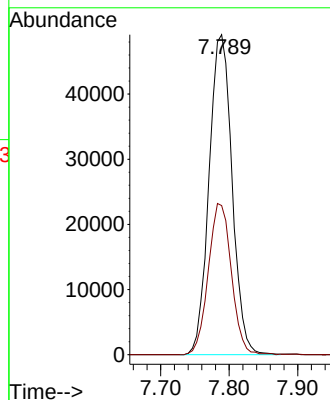
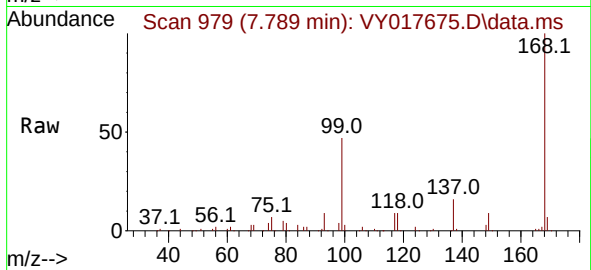




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

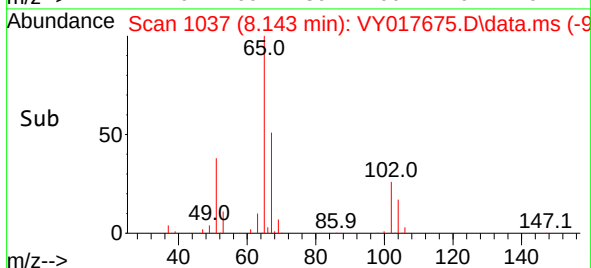
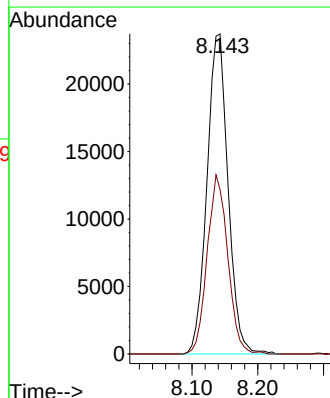
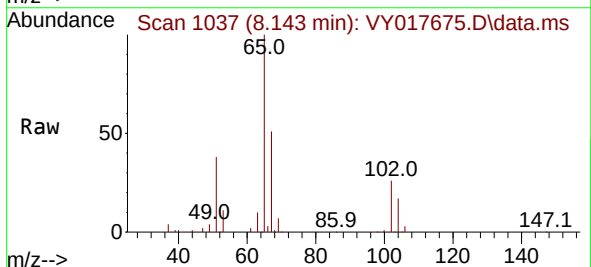
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

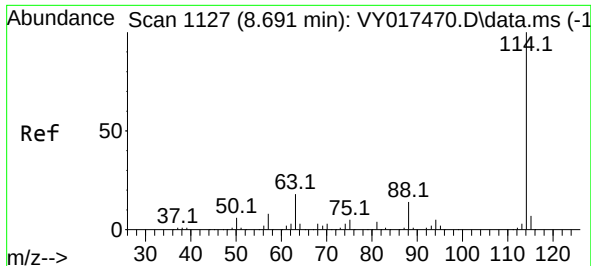
Tgt Ion:168 Resp: 114360
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.782 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 65 Resp: 52871
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

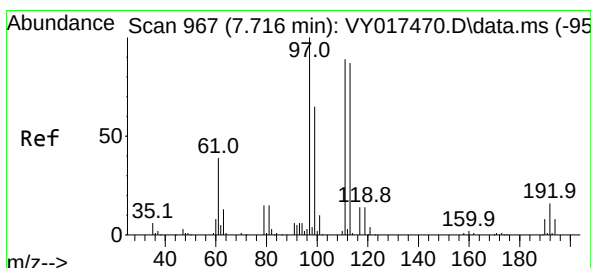
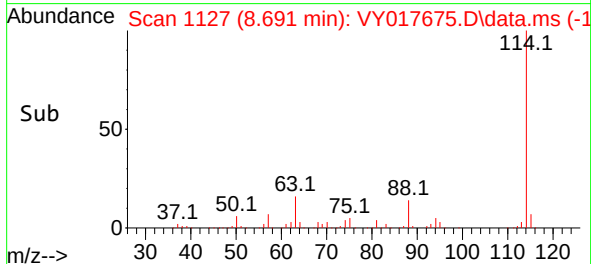
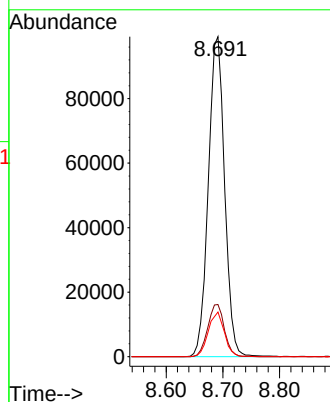
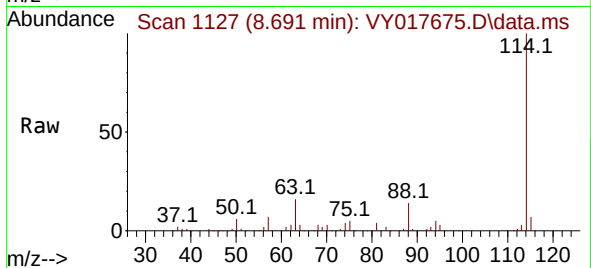




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

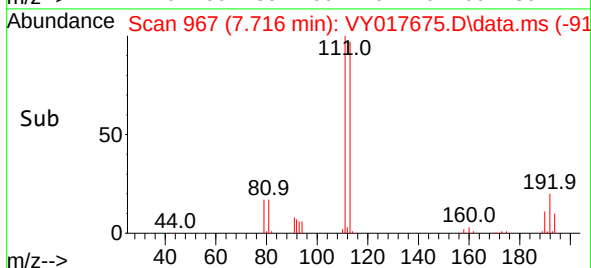
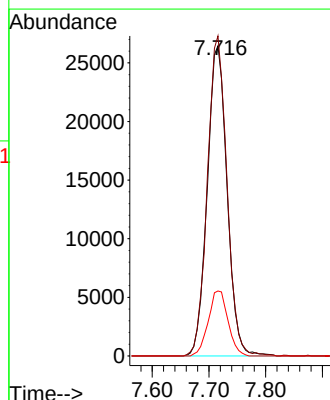
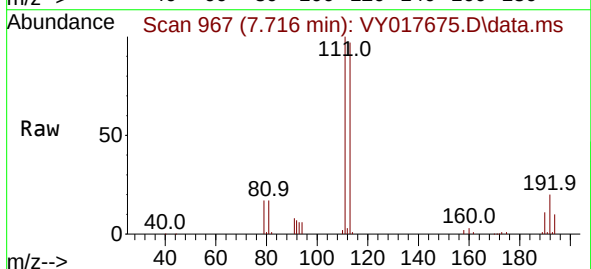
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

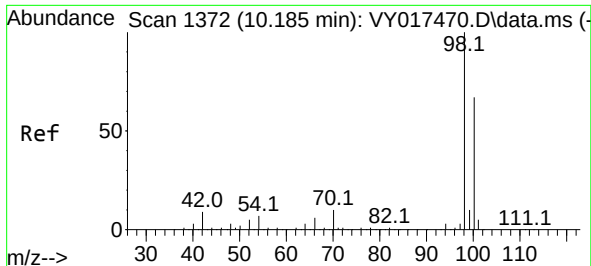
Tgt Ion:114 Resp: 197972
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.635 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion:113 Resp: 64335
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.9 15.9 23.9

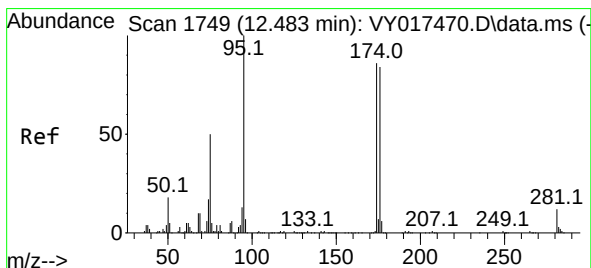
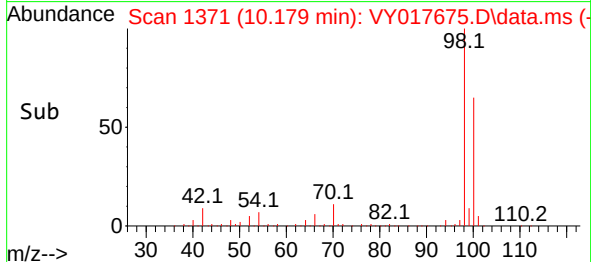
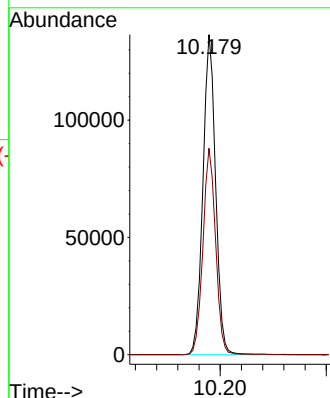
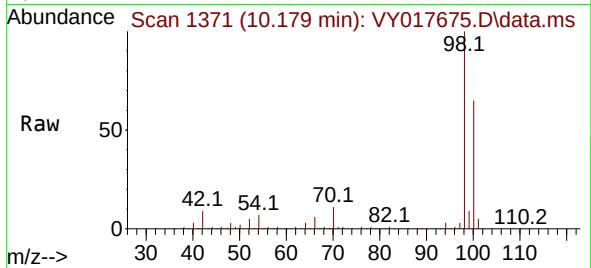




#50
Toluene-d8
Concen: 46.904 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

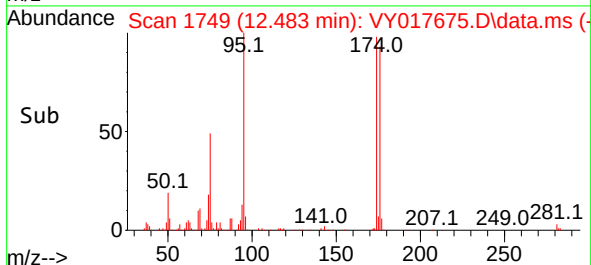
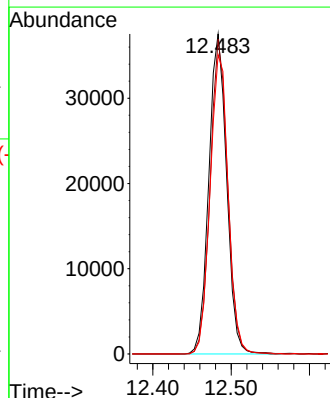
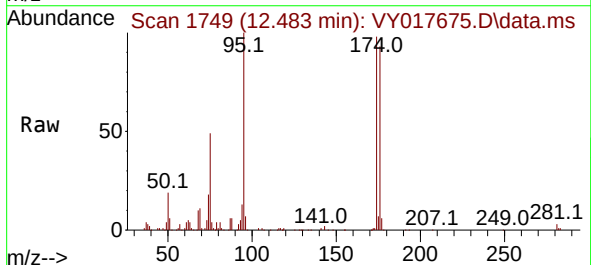
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

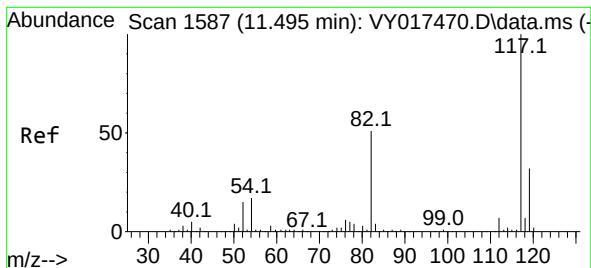
Tgt Ion: 98 Resp: 226234
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.090 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 95 Resp: 59255
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 94.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017675.D

Acq: 15 Mar 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0

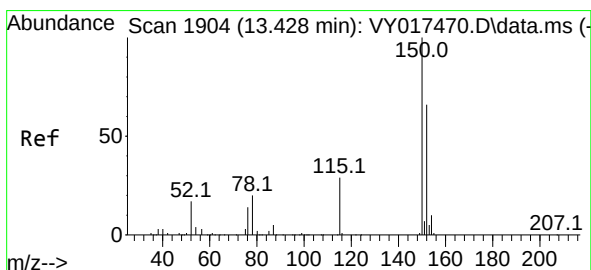
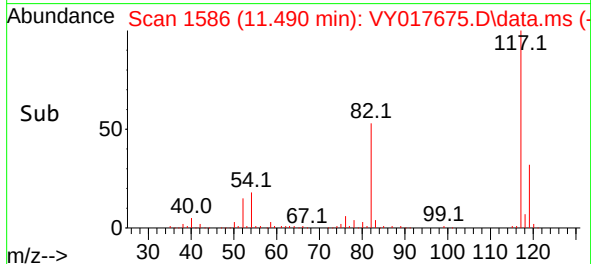
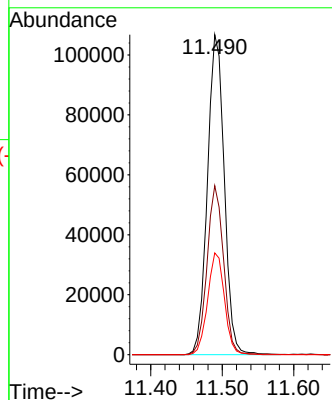
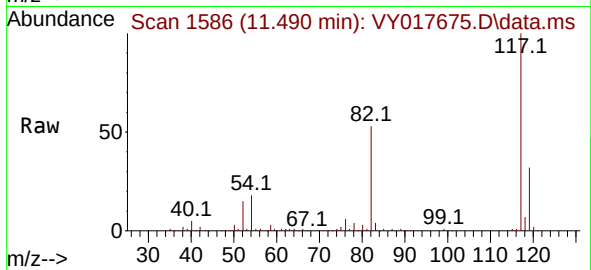
Tgt Ion:117 Resp: 174639

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017675.D

Acq: 15 Mar 2024 16:10

Tgt Ion:152 Resp: 66123

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.4 0.0 345.6

