

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013675.D
 Acq On : 09 May 2023 17:55
 Operator : KP/MD
 Sample : 02624-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-2B

Quant Time: May 10 05:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	73225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	106935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	97261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41687	51.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.860%
35) Dibromofluoromethane	7.716	113	37738	56.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.179	98	129495	54.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.477	95	33920	42.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.100%

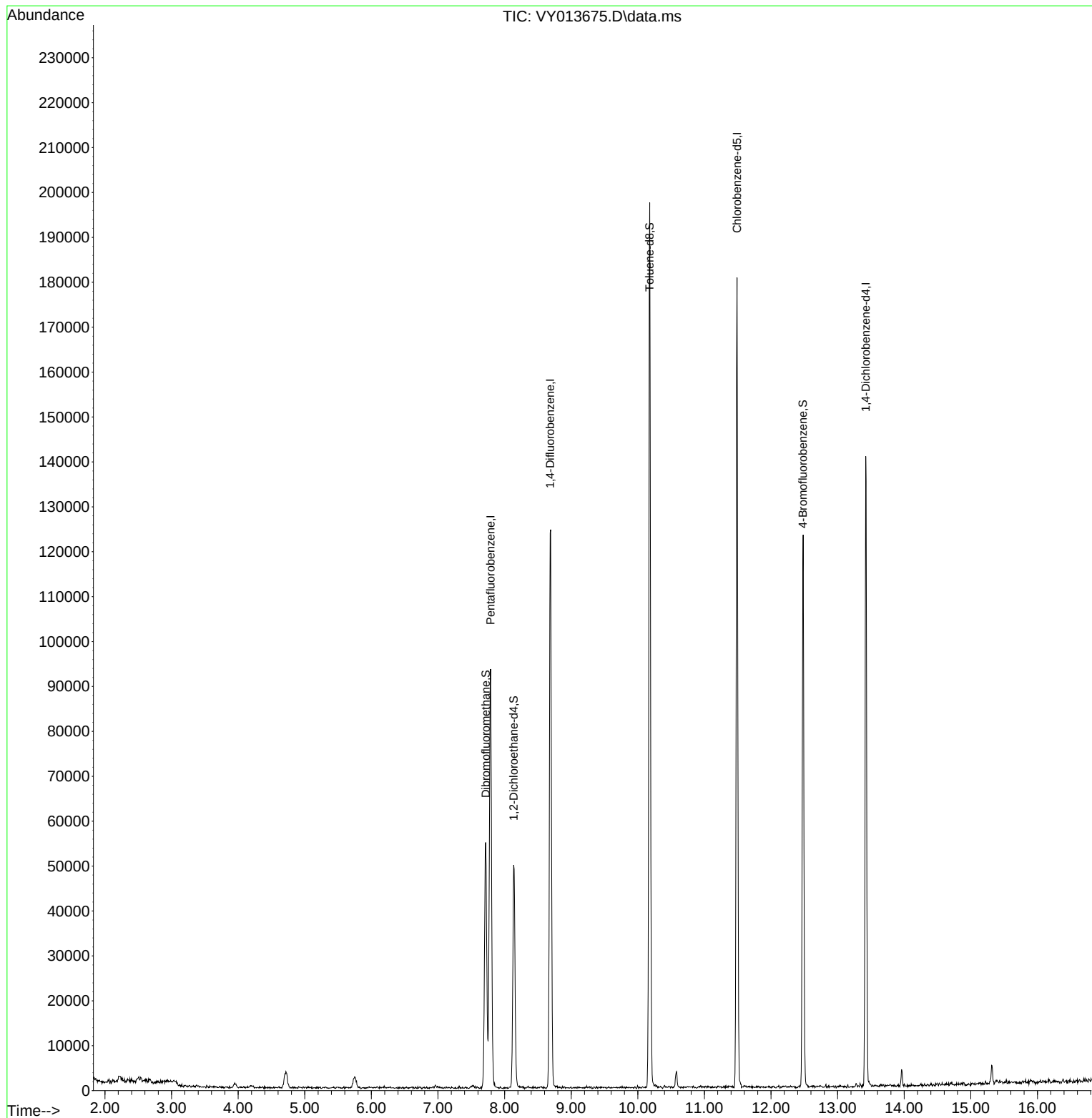
Target Compounds	Qvalue

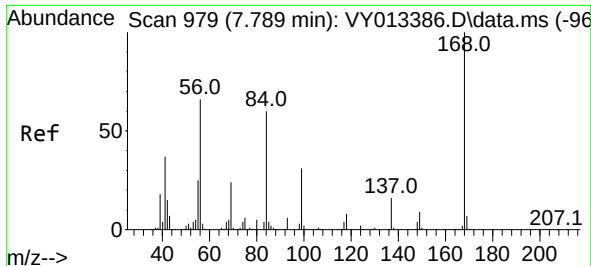
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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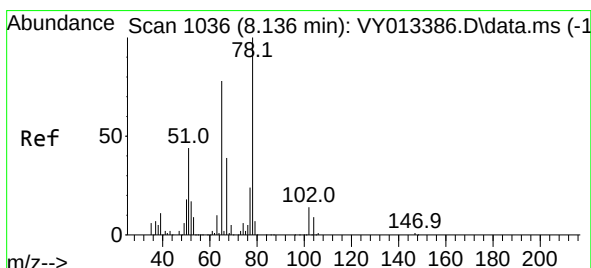
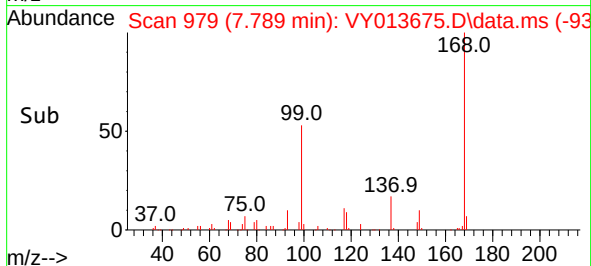
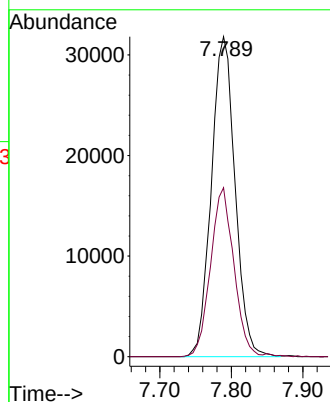
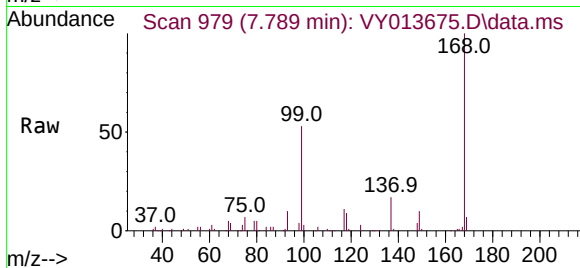




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

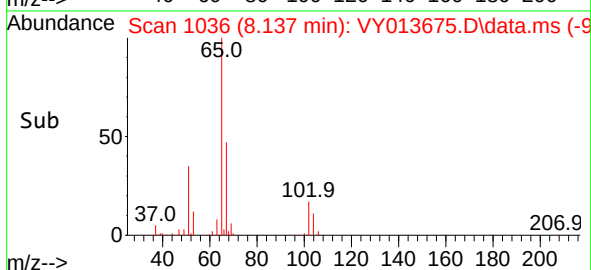
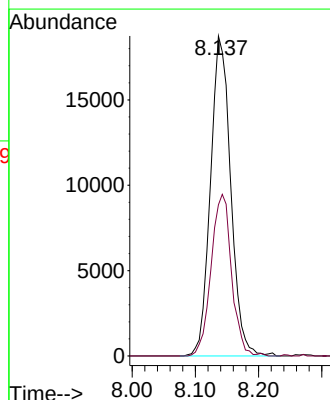
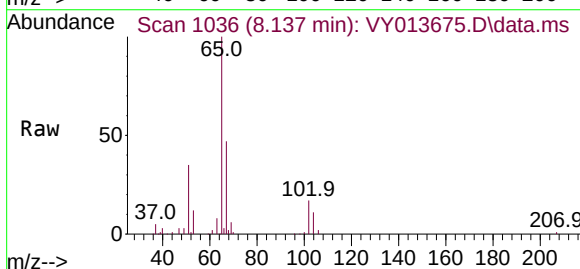
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

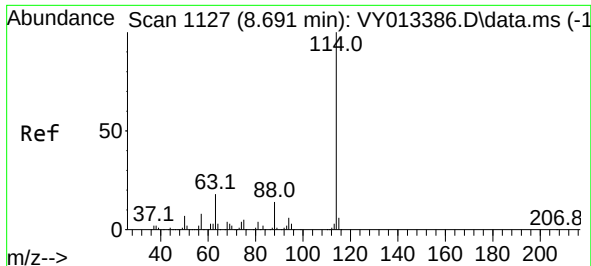
Tgt Ion:168 Resp: 73225
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 65 Resp: 41687
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

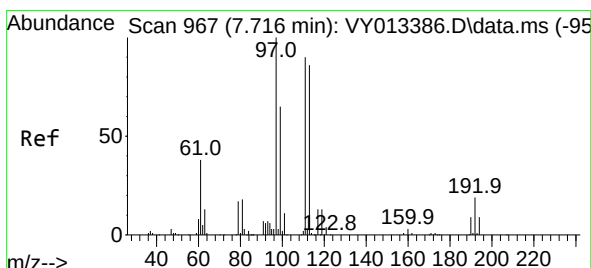
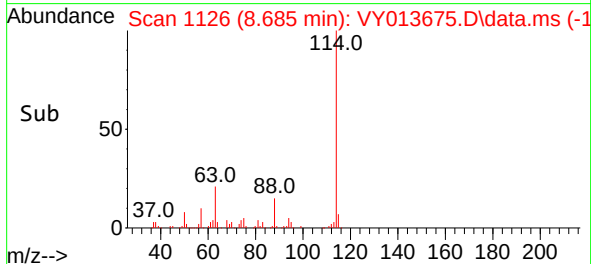
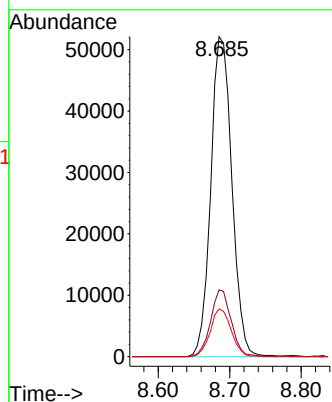
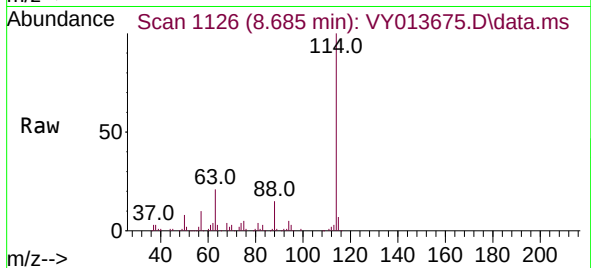




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

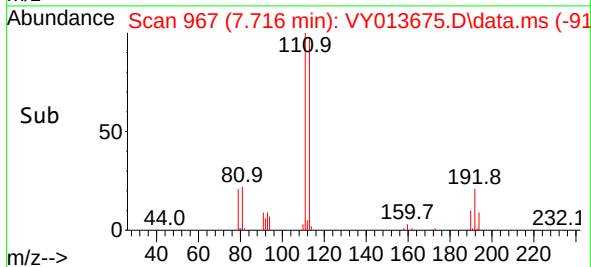
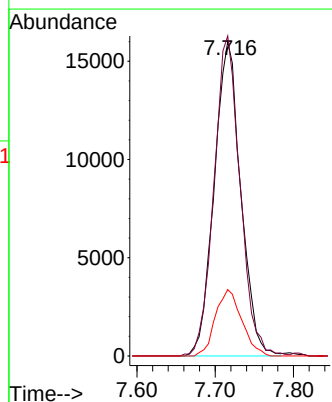
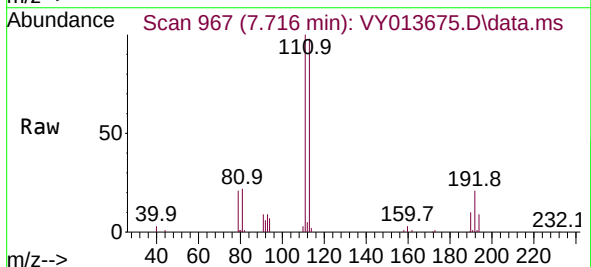
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

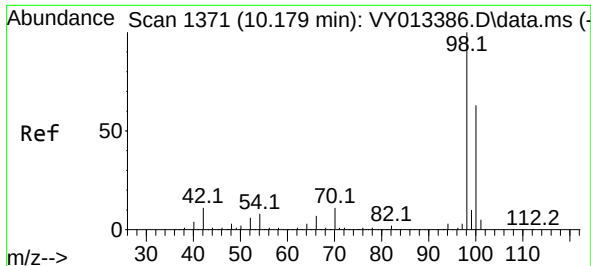
Tgt Ion:114 Resp: 106935
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.6
88 14.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.110 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion:113 Resp: 37738
Ion Ratio Lower Upper
113 100
111 100.1 82.2 123.2
192 20.9 16.7 25.1

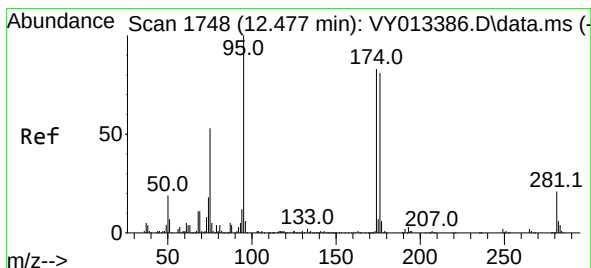
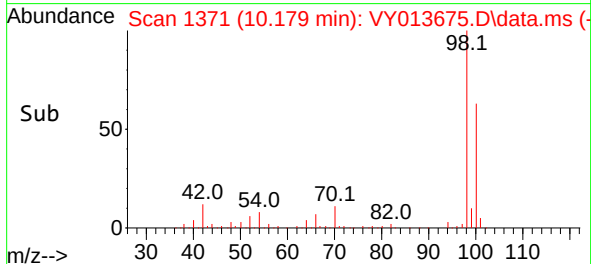
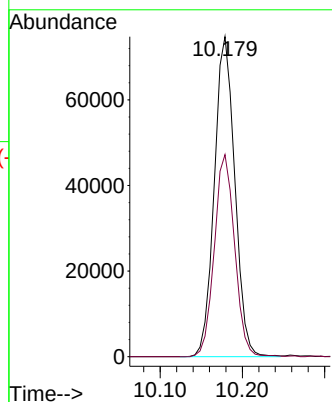
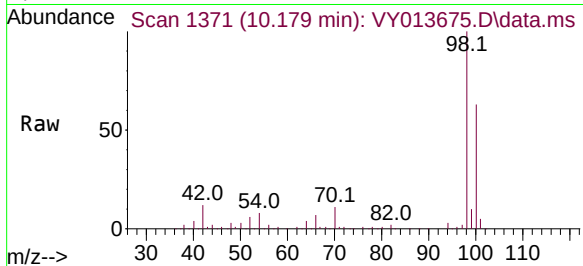




#50
Toluene-d8
Concen: 54.123 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

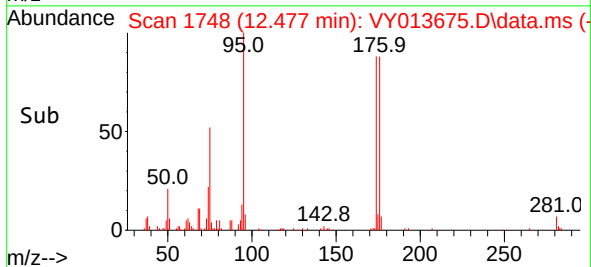
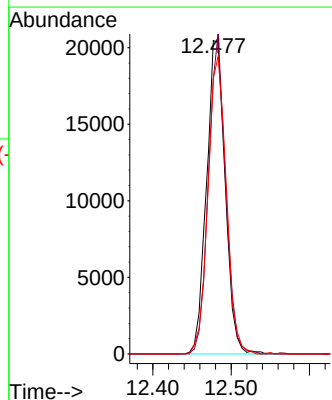
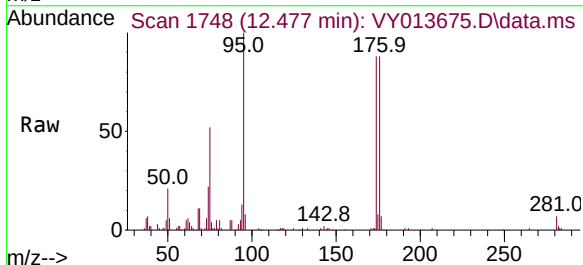
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

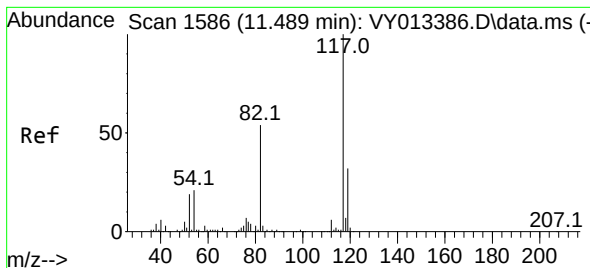
Tgt Ion: 98 Resp: 129495
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013675.D
Acq: 09 May 2023 17:55

Tgt Ion: 95 Resp: 33920
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.0
176 92.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

WZ-2B

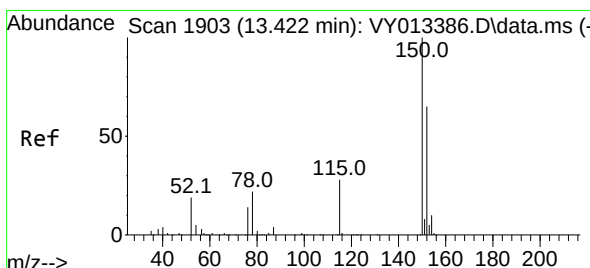
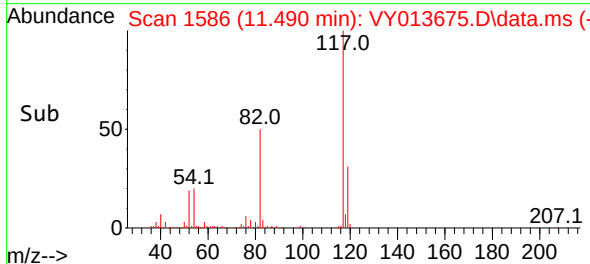
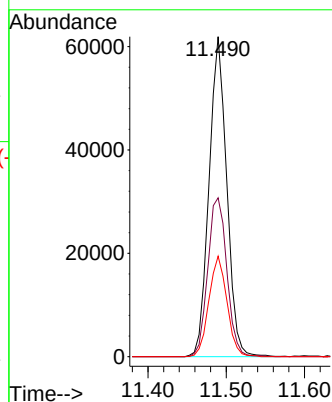
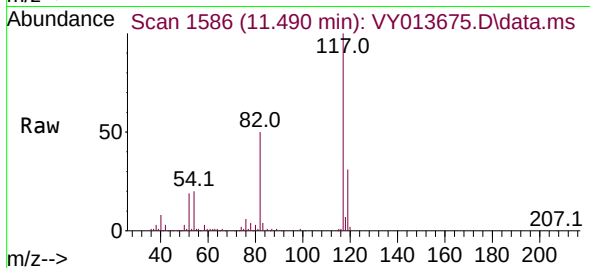
Tgt Ion:117 Resp: 97261

Ion Ratio Lower Upper

117 100

82 49.7 43.0 64.6

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013675.D

Acq: 09 May 2023 17:55

Tgt Ion:152 Resp: 36899

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 158.8 0.0 352.0

