

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014444.D
 Acq On : 26 Jun 2023 19:11
 Operator : KP/MD
 Sample : 03375-07
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jun 27 01:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	248978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114740	52.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.000%
35) Dibromofluoromethane	7.722	113	80737	50.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.185	98	311365	48.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.483	95	108315	47.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.940%

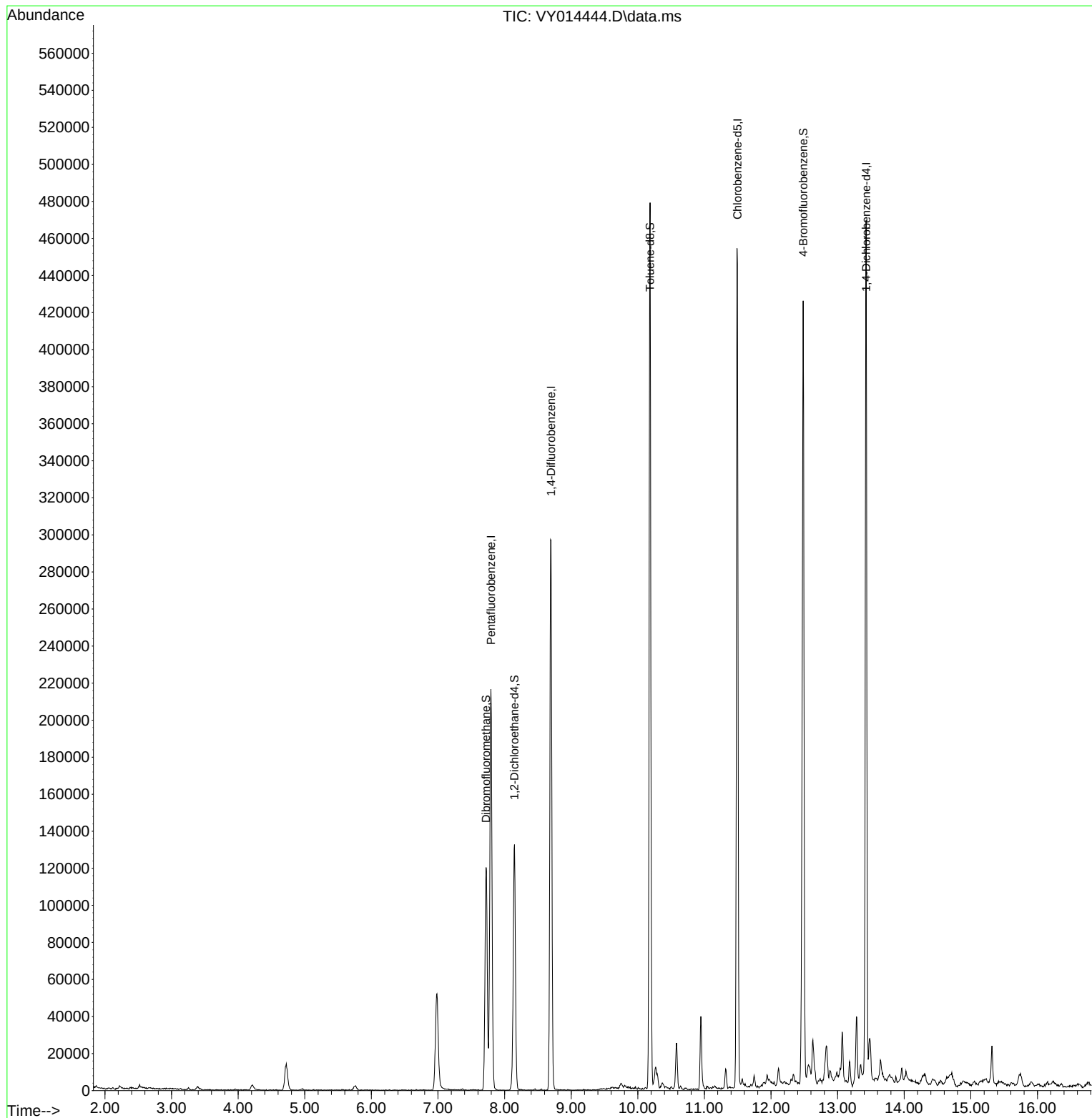
Target Compounds	Qvalue

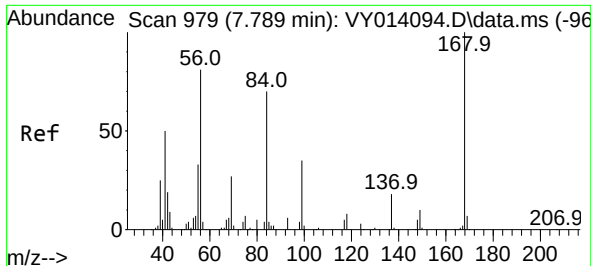
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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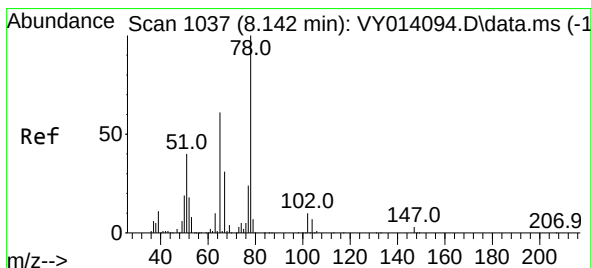
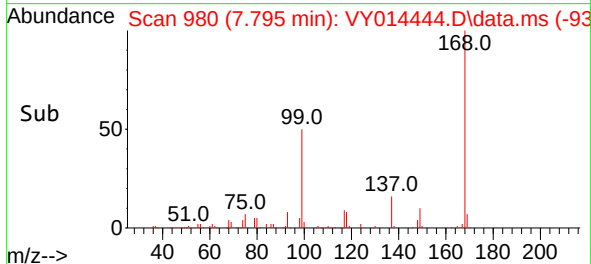
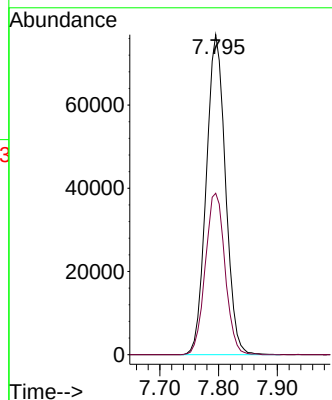
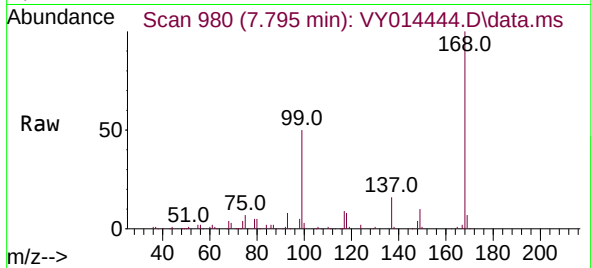




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

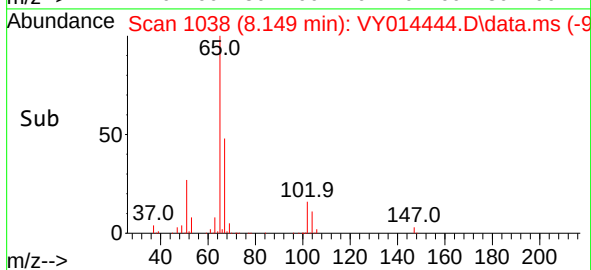
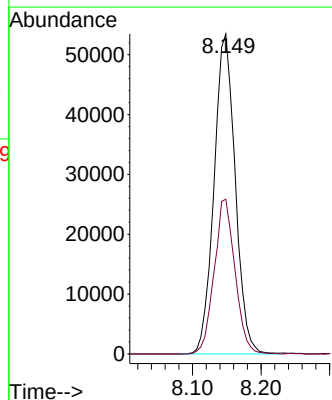
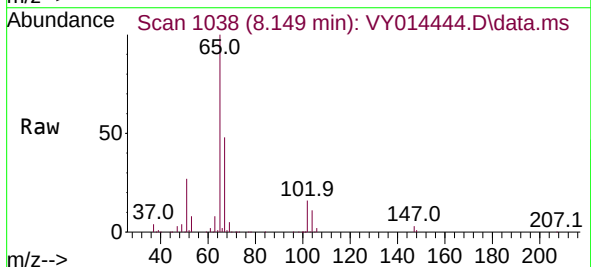
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

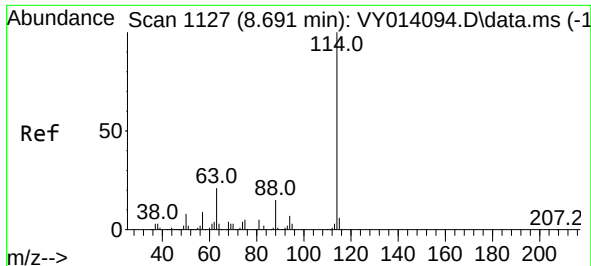
Tgt Ion:168 Resp: 174376
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.997 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 65 Resp: 114740
Ion Ratio Lower Upper
65 100
67 47.6 0.0 101.8

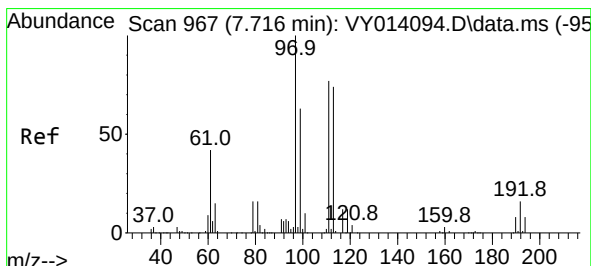
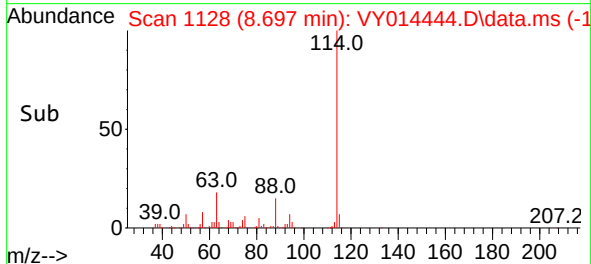
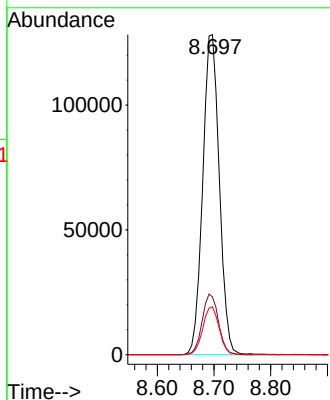
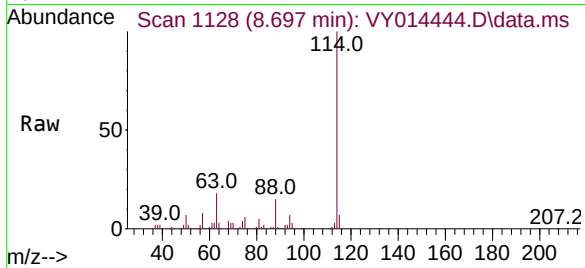




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

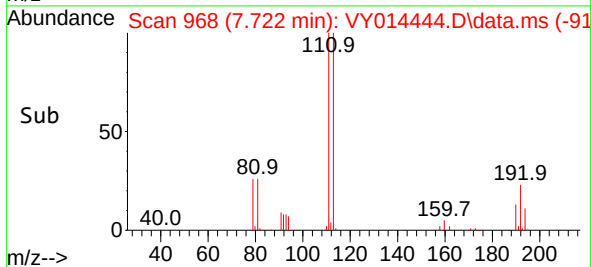
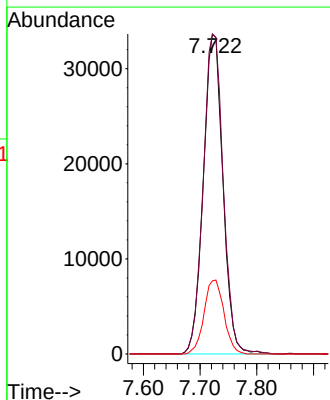
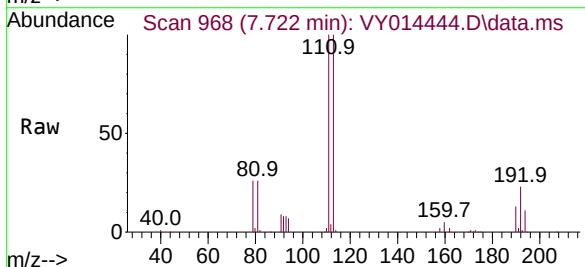
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

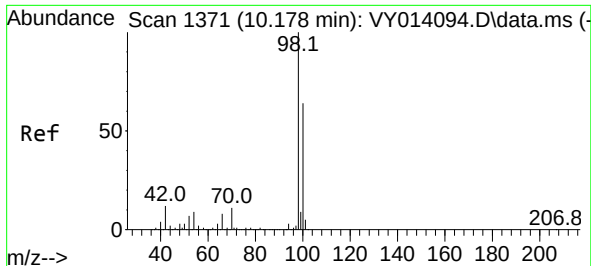
Tgt Ion:114 Resp: 260228
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.218 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion:113 Resp: 80737
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 23.5 16.9 25.3

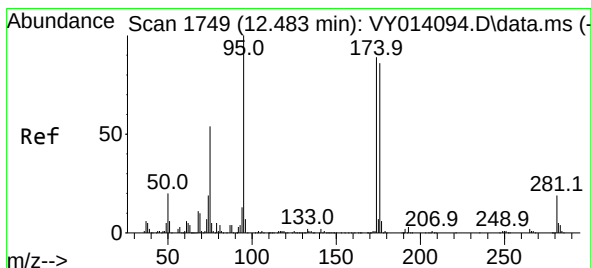
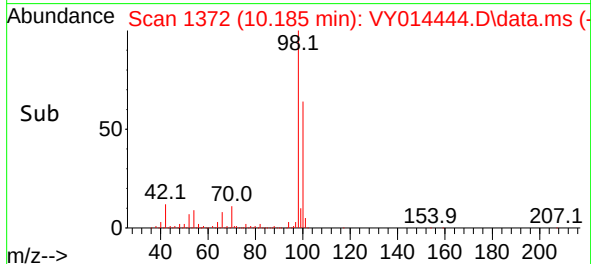
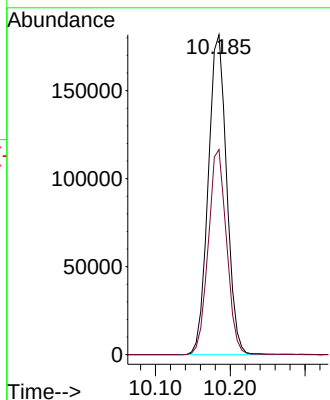
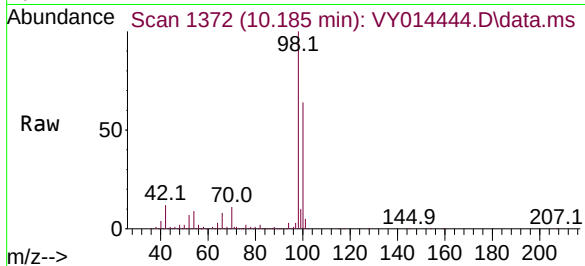




#50
Toluene-d8
Concen: 48.719 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

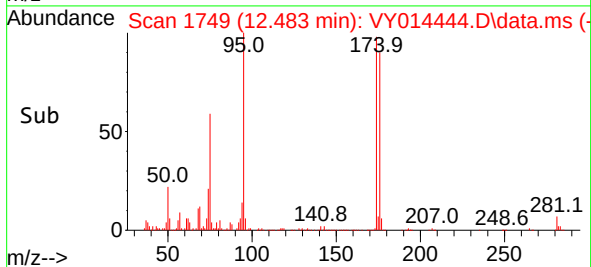
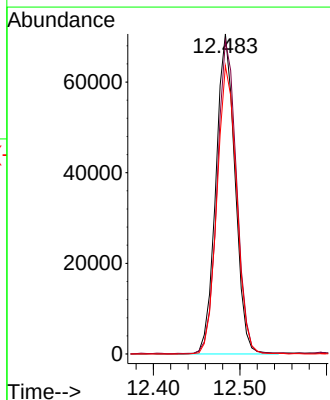
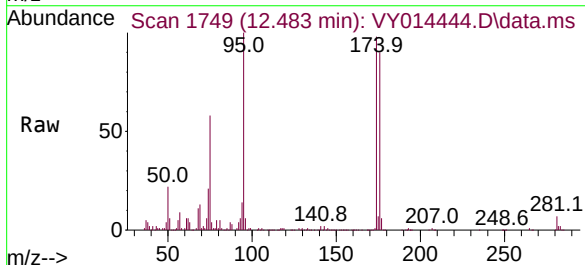
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

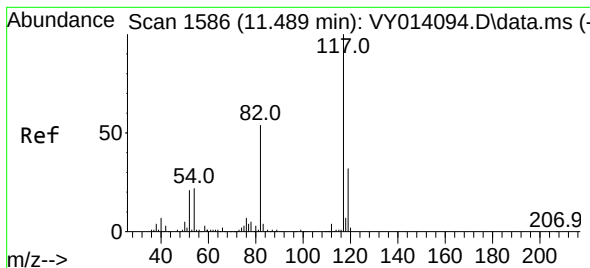
Tgt Ion: 98 Resp: 311365
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.473 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 95 Resp: 108315
Ion Ratio Lower Upper
95 100
174 99.0 0.0 178.2
176 92.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014444.D

Acq: 26 Jun 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-3(0-2)

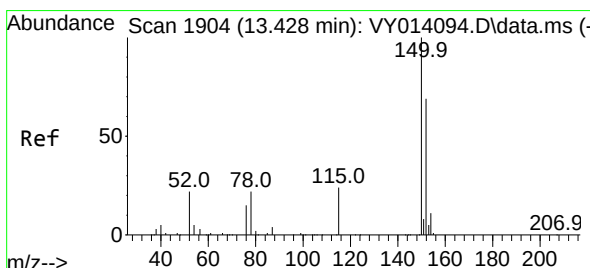
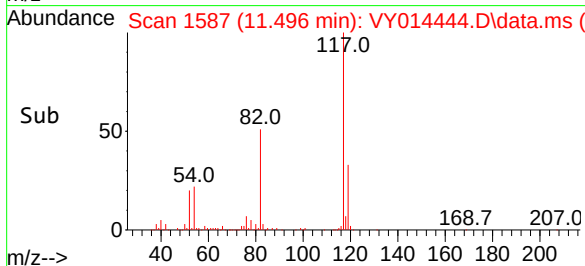
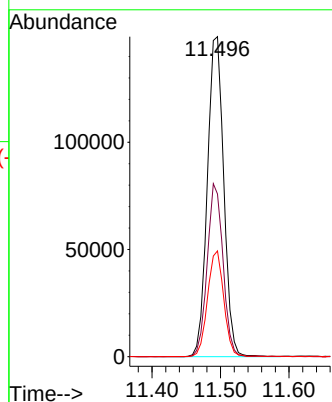
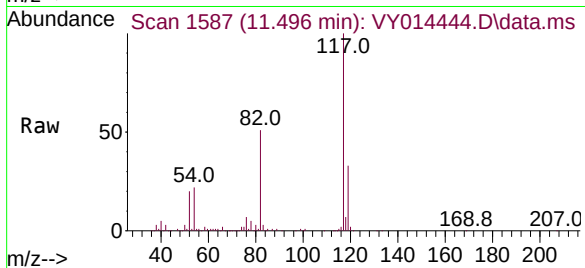
Tgt Ion:117 Resp: 248978

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014444.D

Acq: 26 Jun 2023 19:11

Tgt Ion:152 Resp: 121167

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 156.3 0.0 348.8

