

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014804.D
 Acq On : 25 Jul 2023 16:09
 Operator : SY/MD
 Sample : 03742-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P33B

Quant Time: Jul 26 01:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

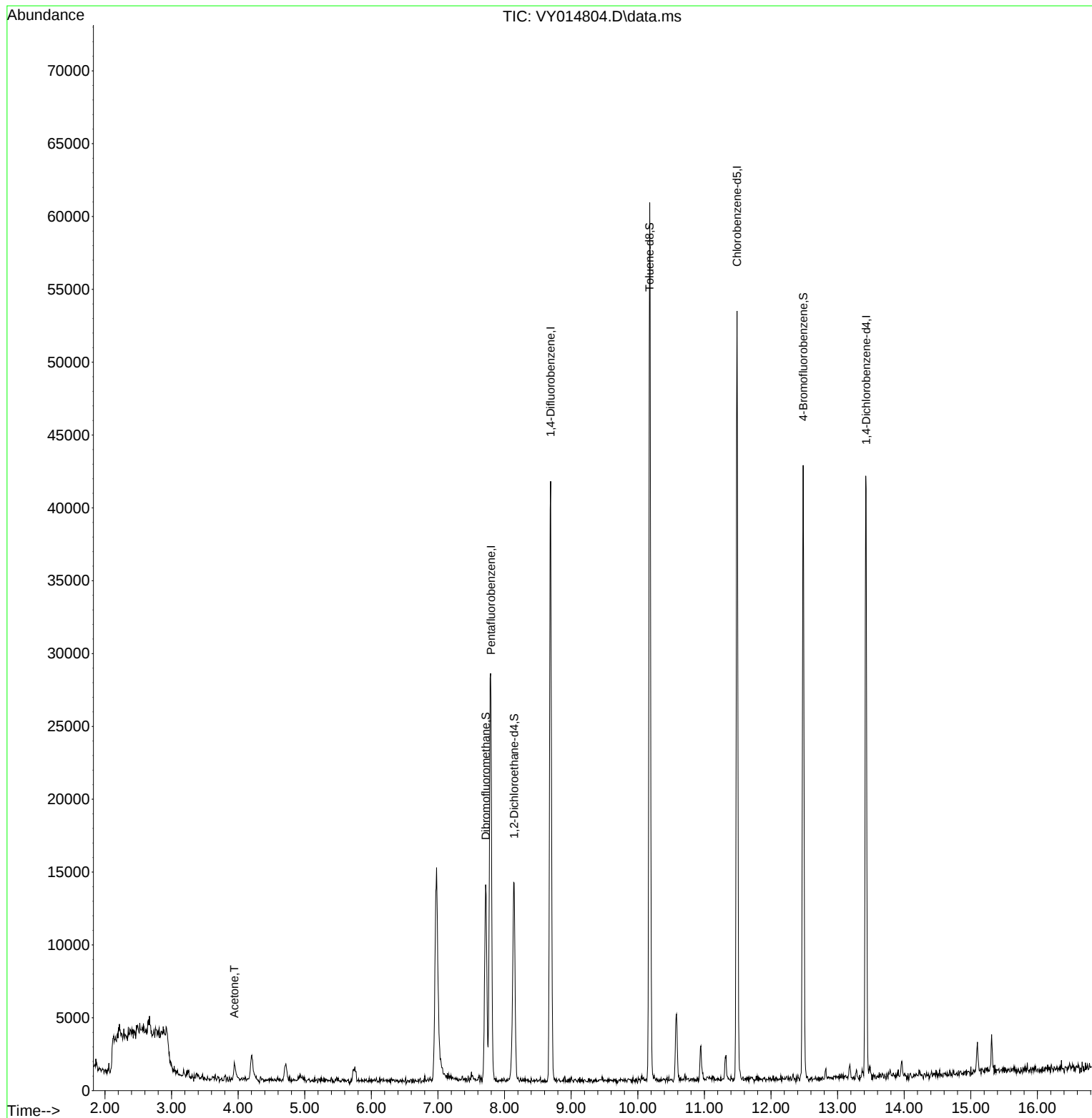
Internal Standards						
1) Pentafluorobenzene	7.795	168	22752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10260	39.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.140%
35) Dibromofluoromethane	7.716	113	9691	43.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.680%
50) Toluene-d8	10.179	98	40063	48.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.483	95	11708	37.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.080%
Target Compounds						
16) Acetone	3.942	43	1743	21.215	ug/l	Qvalue # 61

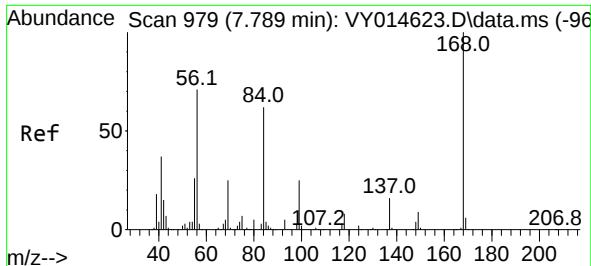
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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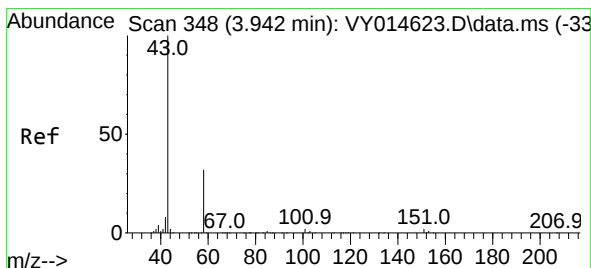
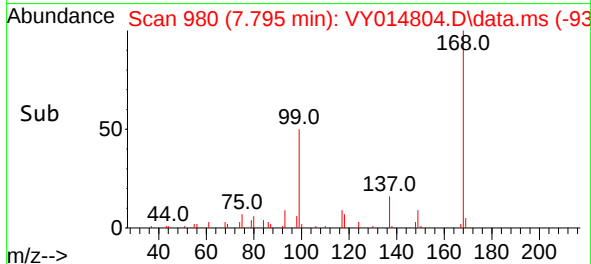
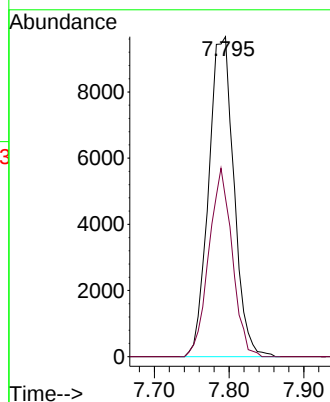
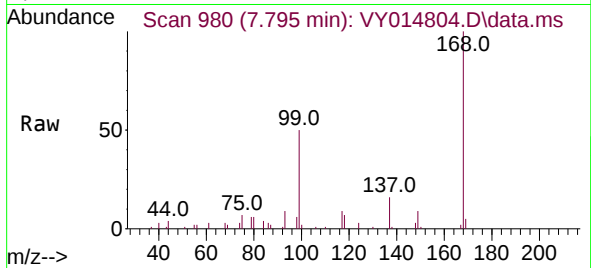




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014804.D
Acq: 25 Jul 2023 16:09

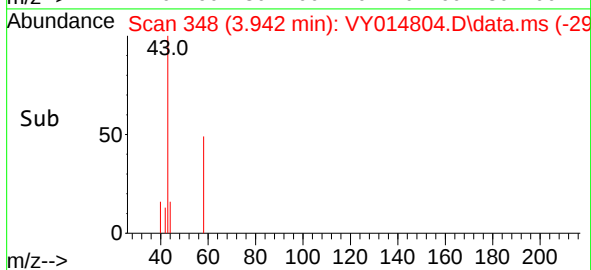
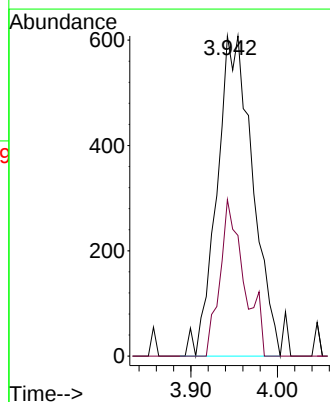
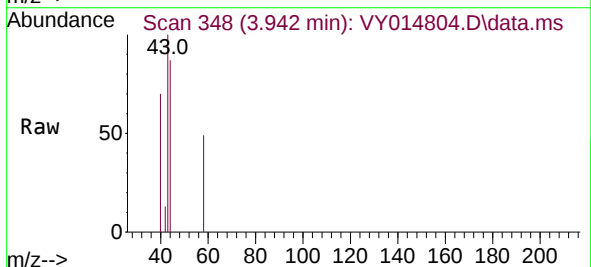
Instrument :
MSVOA_Y
ClientSampleId :
B-P33B

Tgt Ion:168 Resp: 22752
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#16
Acetone
Concen: 21.215 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014804.D
Acq: 25 Jul 2023 16:09

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 48.8 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 39.573 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014804.D

Acq: 25 Jul 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

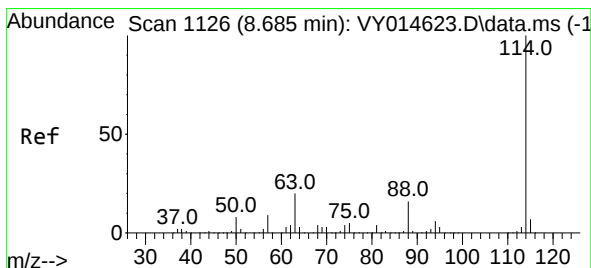
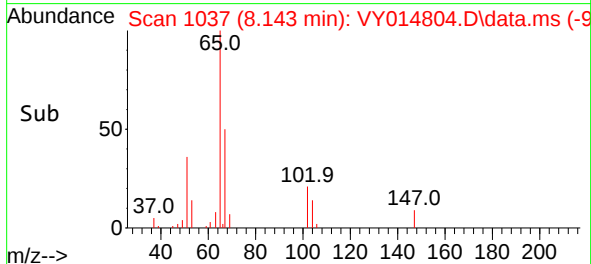
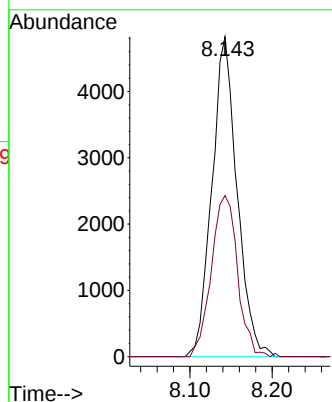
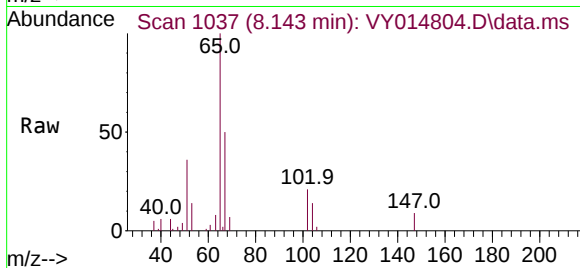
B-P33B

Tgt Ion: 65 Resp: 10260

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014804.D

Acq: 25 Jul 2023 16:09

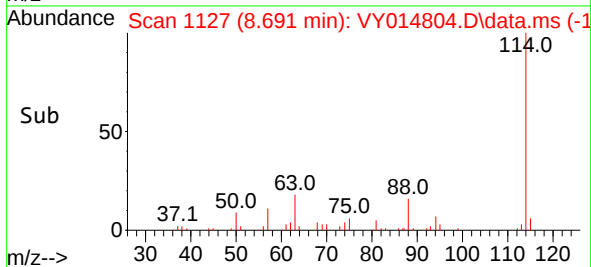
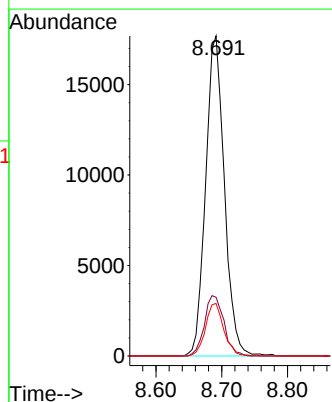
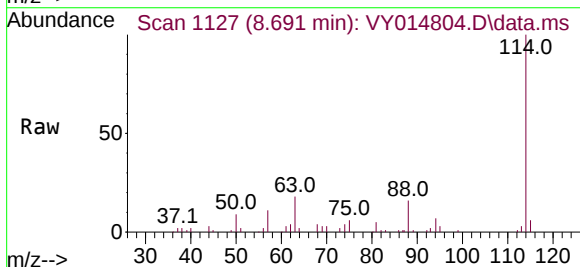
Tgt Ion: 114 Resp: 35127

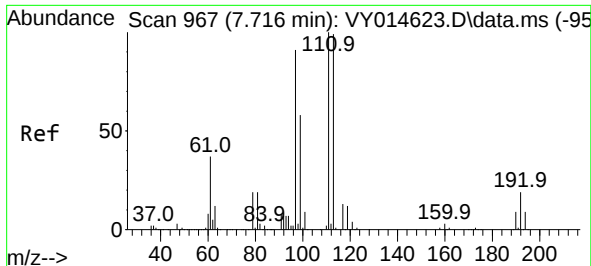
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 16.4 0.0 30.6

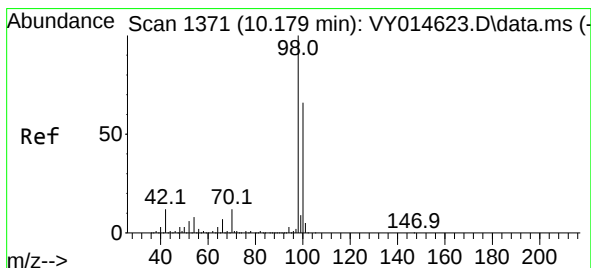
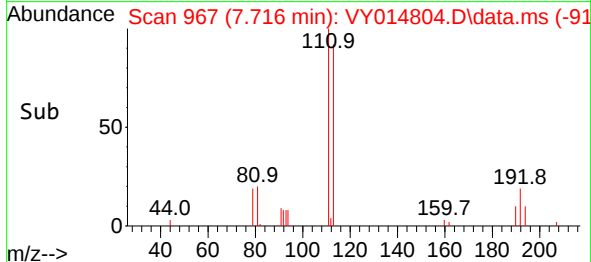
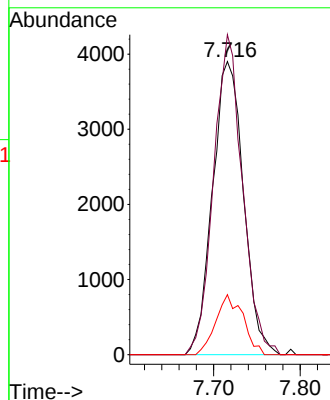
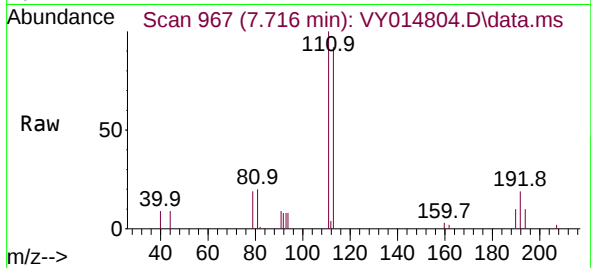




#35
Dibromofluoromethane
Concen: 43.339 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014804.D
Acq: 25 Jul 2023 16:09

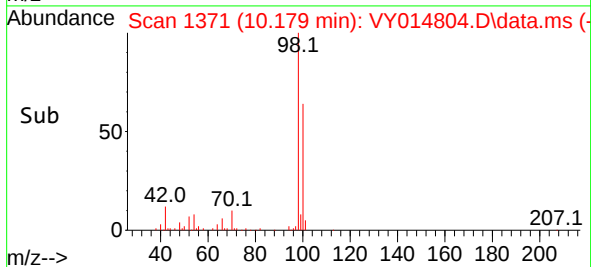
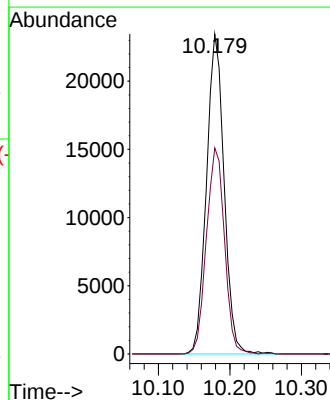
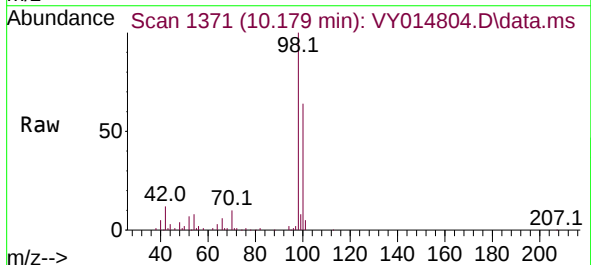
Instrument :
MSVOA_Y
ClientSampleId :
B-P33B

Tgt Ion:113 Resp: 9691
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 18.0 16.9 25.3



#50
Toluene-d8
Concen: 48.596 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014804.D
Acq: 25 Jul 2023 16:09

Tgt Ion: 98 Resp: 40063
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 37.038 ug/l

RT: 12.483 min Scan# 11708

Delta R.T. 0.006 min

Lab File: VY014804.D

Acq: 25 Jul 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

B-P33B

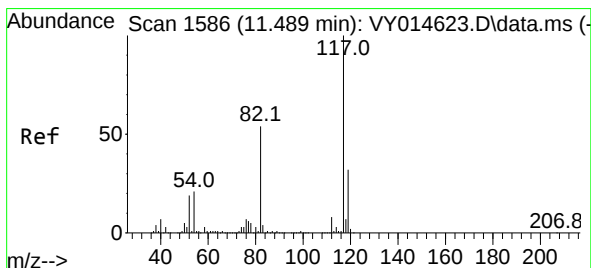
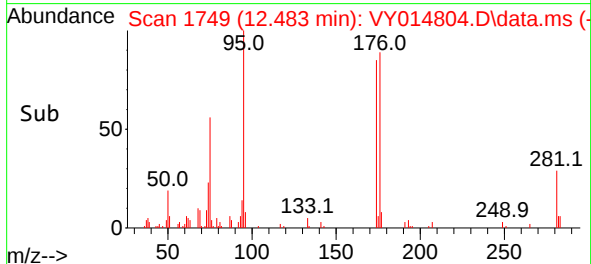
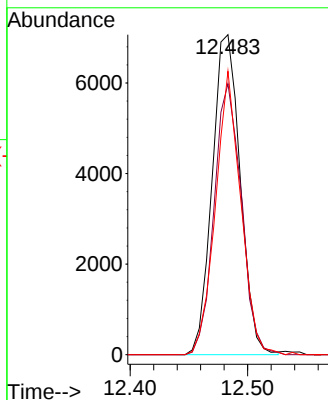
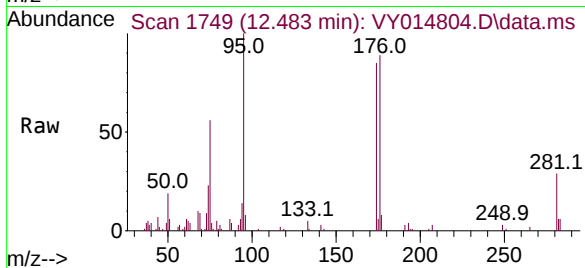
Tgt Ion: 95 Resp: 11708

Ion Ratio Lower Upper

95 100

174 82.5 0.0 178.2

176 80.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014804.D

Acq: 25 Jul 2023 16:09

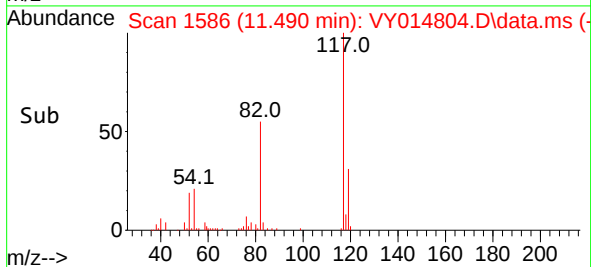
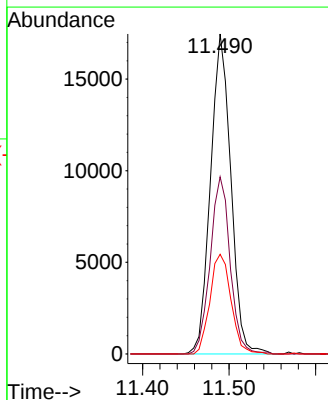
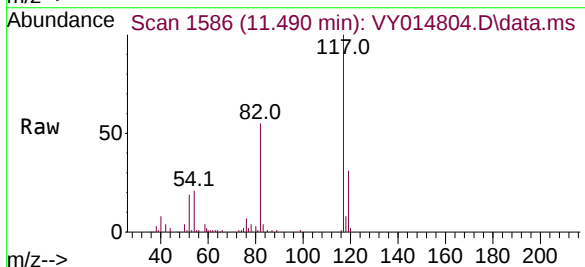
Tgt Ion: 117 Resp: 28472

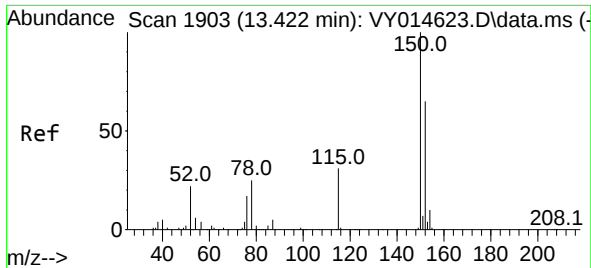
Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014804.D

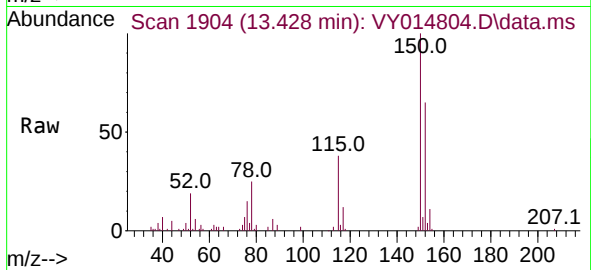
Acq: 25 Jul 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

B-P33B



Tgt Ion:152 Resp: 11071

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 161.2 0.0 348.8

