

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014837.D
 Acq On : 26 Jul 2023 05:53
 Operator : SY/MD
 Sample : 03741-18
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29A

Quant Time: Jul 26 07:41:50 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	7.801	168	47626	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	89240	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	89951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37929	69.887	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.780%
35) Dibromofluoromethane	7.728	113	31306	55.108	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.185	98	108655	51.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.483	95	41402	51.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.100%

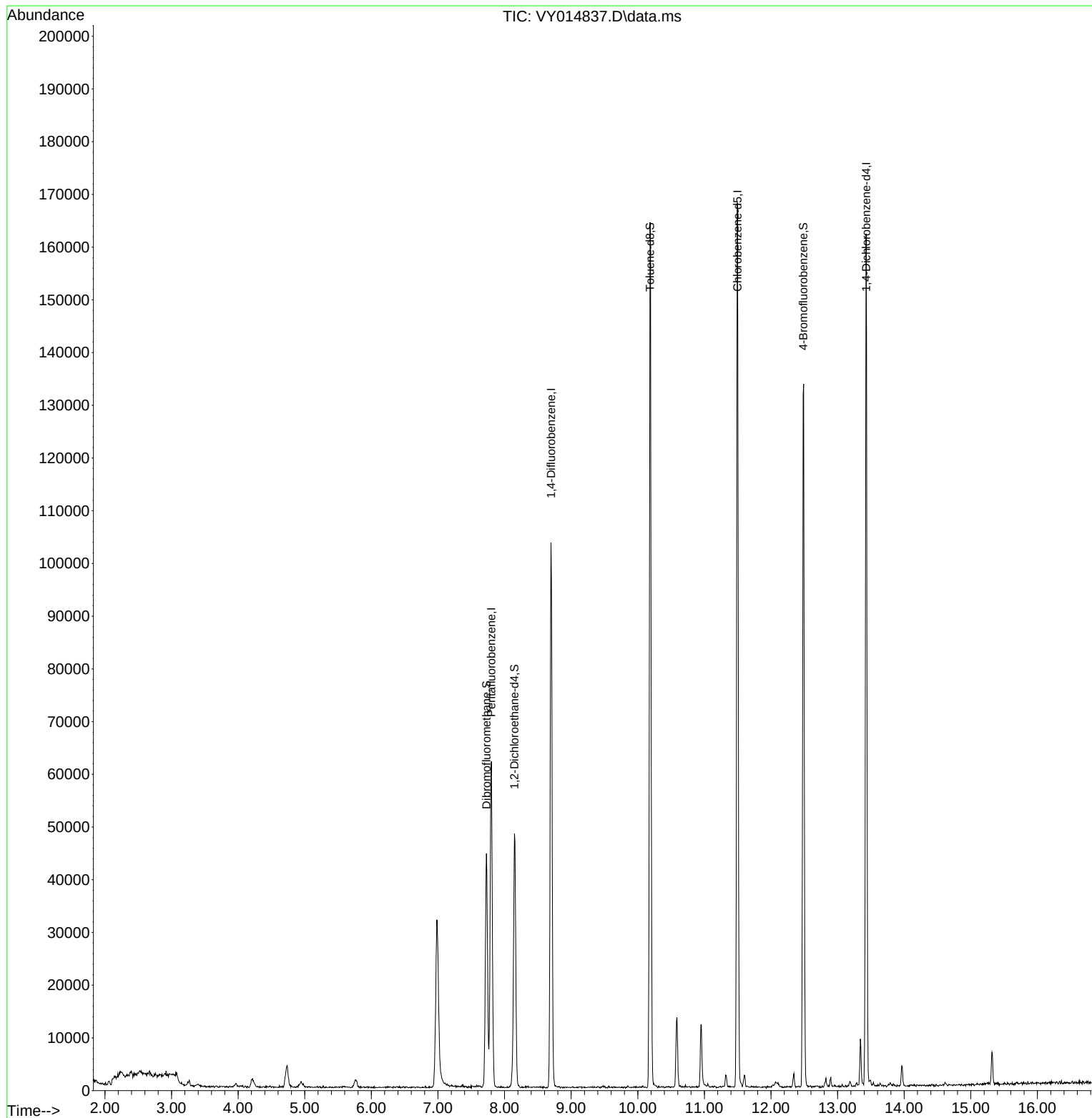
Target Compounds	Qvalue

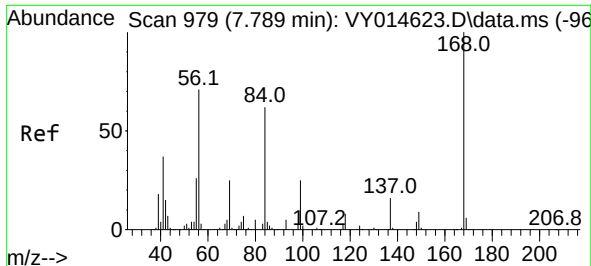
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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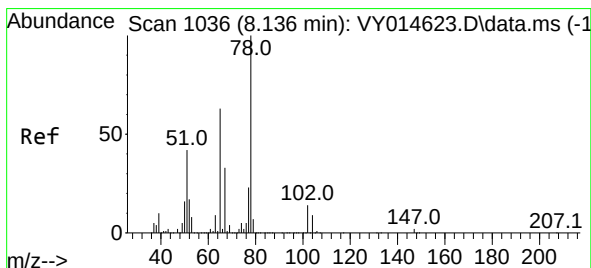
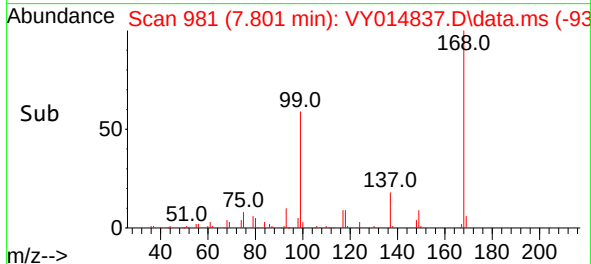
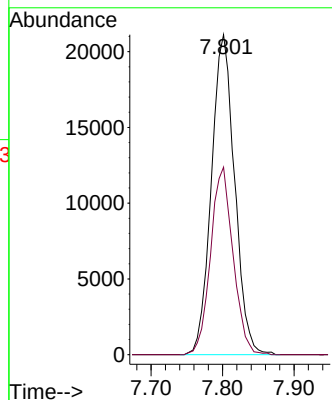
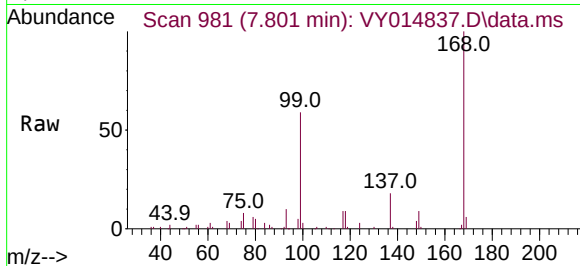




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

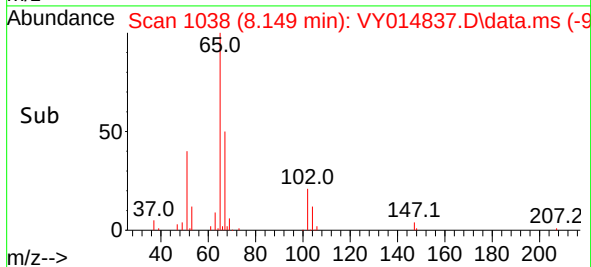
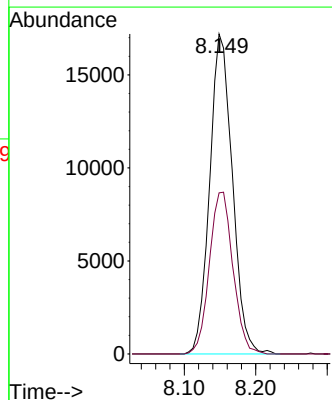
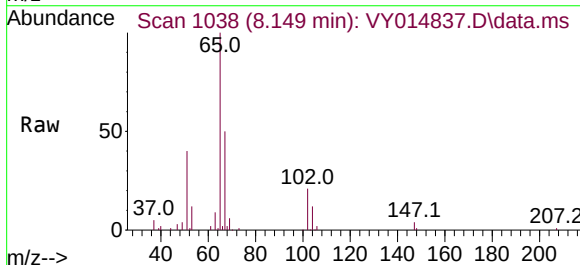
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

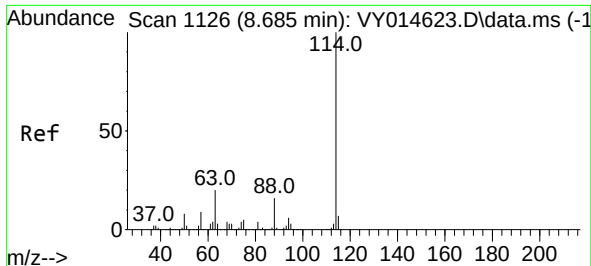
Tgt Ion:168 Resp: 47626
Ion Ratio Lower Upper
168 100
99 58.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.887 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 65 Resp: 37929
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

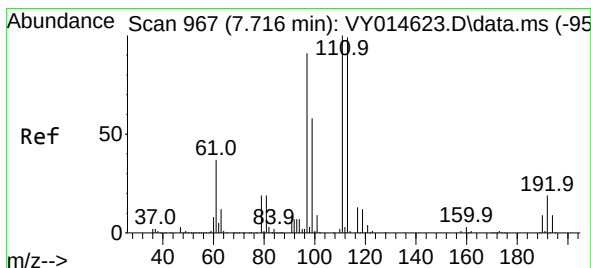
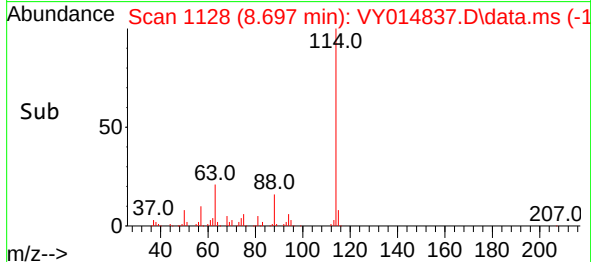
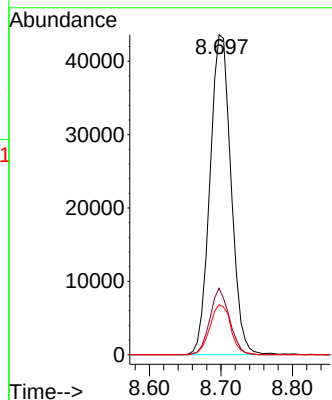
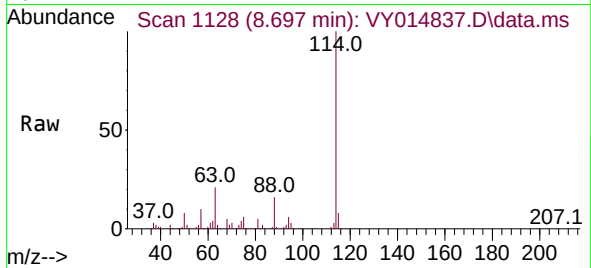




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

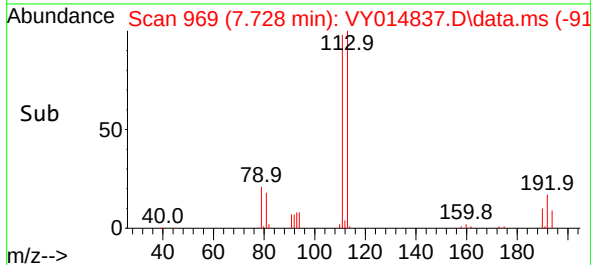
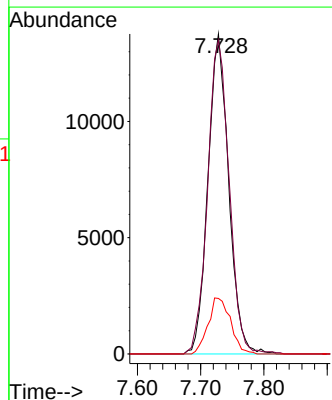
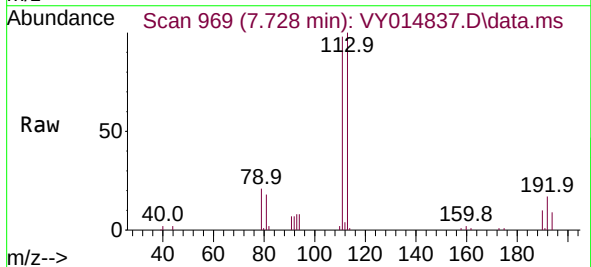
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

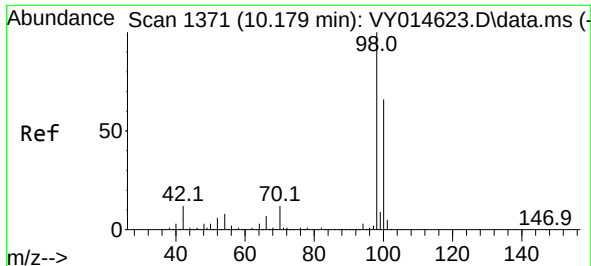
Tgt Ion:	114	Resp:	89240
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 55.108 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion:	113	Resp:	31306
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.3	121.9
192	19.0	16.9	25.3

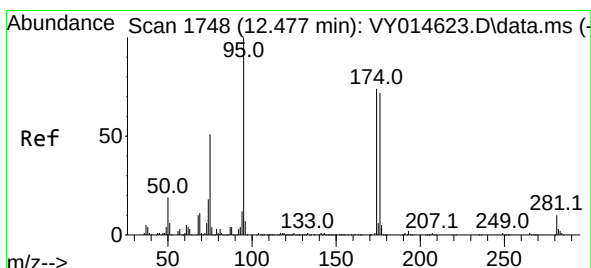
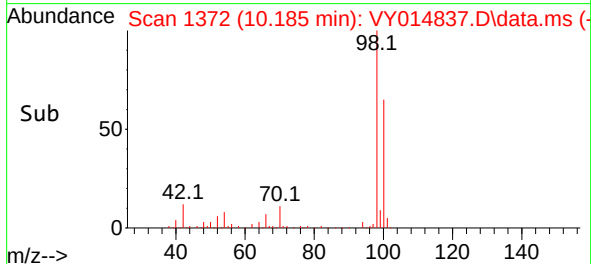
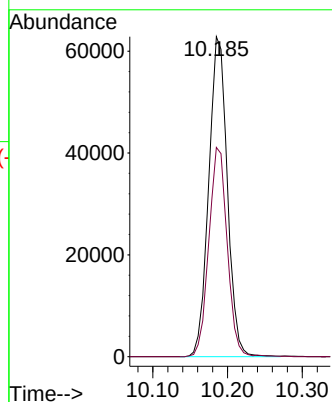
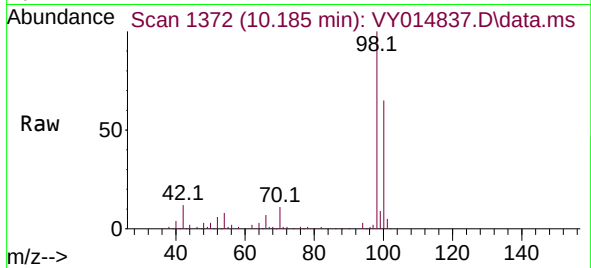




#50
Toluene-d8
Concen: 51.879 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

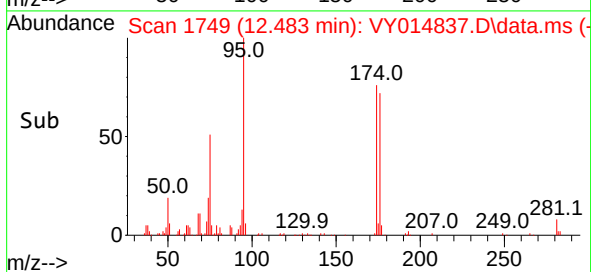
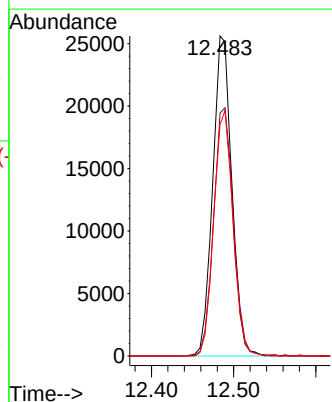
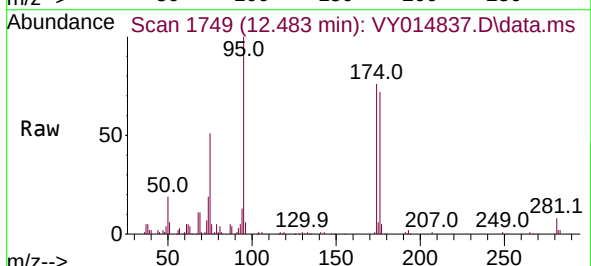
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

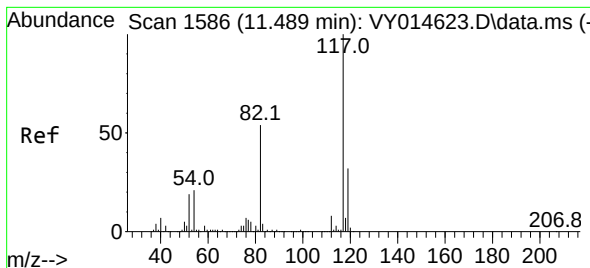
Tgt Ion: 98 Resp: 108655
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 95 Resp: 41402
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 76.6 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: VY014837.D

Acq: 26 Jul 2023 05:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P29A

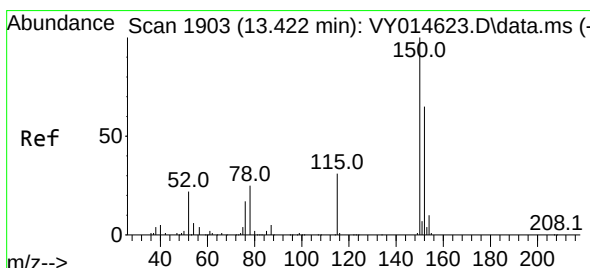
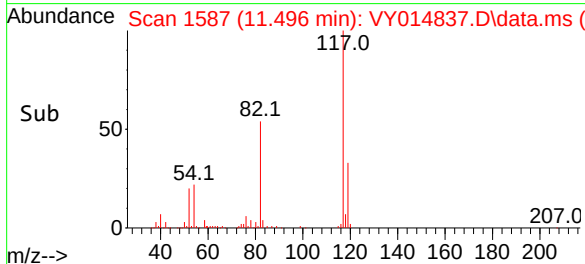
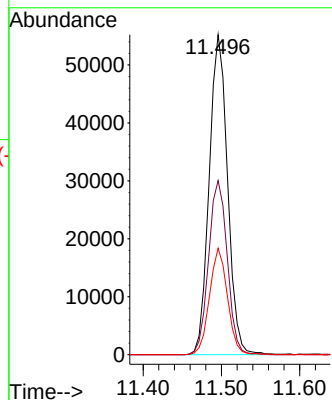
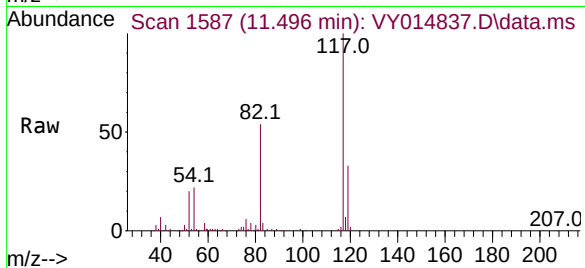
Tgt Ion:117 Resp: 89951

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 33.3 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: VY014837.D

Acq: 26 Jul 2023 05:53

Tgt Ion:152 Resp: 41043

Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 155.4 0.0 348.8

