

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017508.D
 Acq On : 27 Feb 2024 19:47
 Operator : SY/MD
 Sample : P1611-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-022724

Quant Time: Feb 28 00:21:54 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)

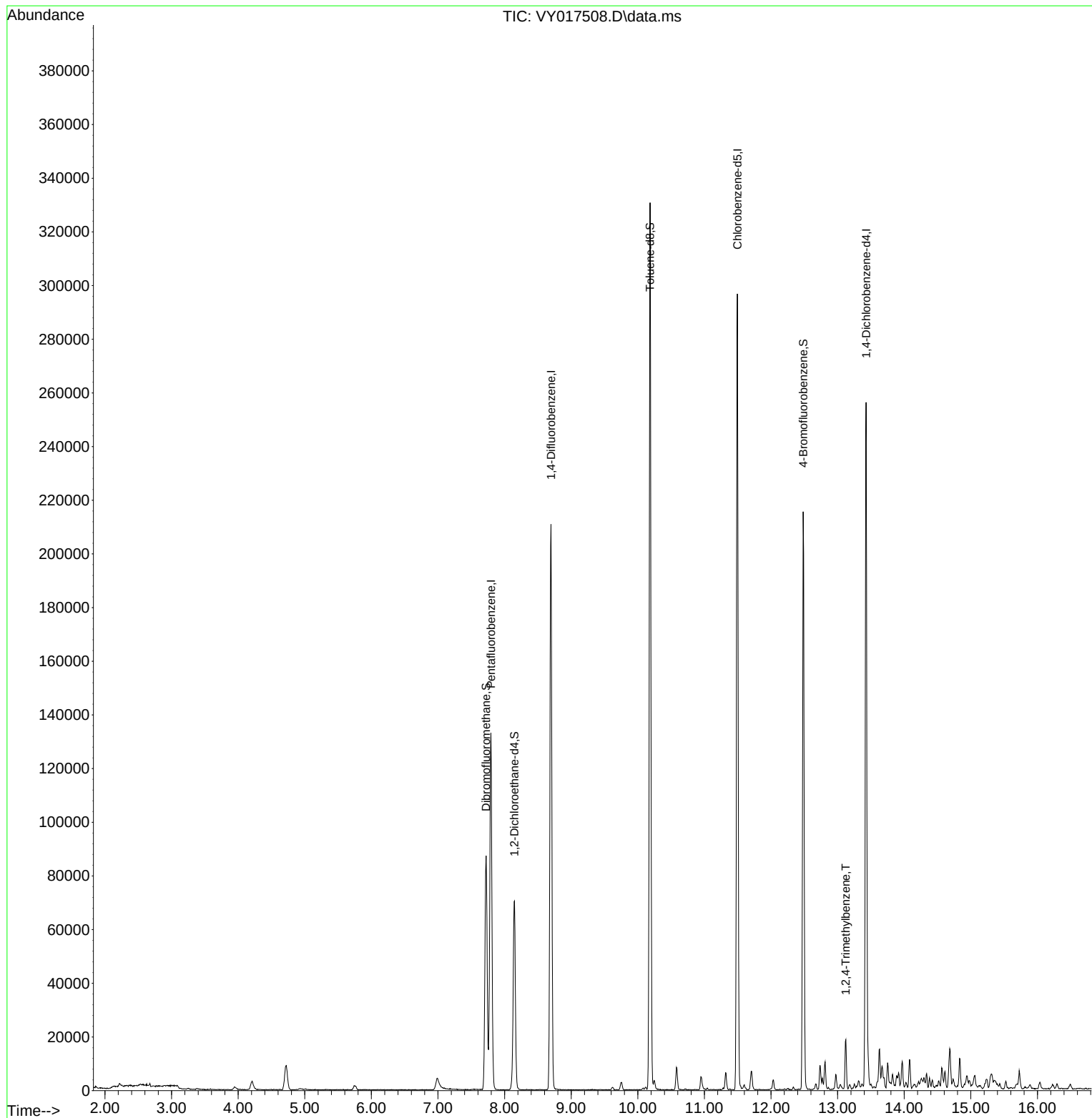
Internal Standards						
1) Pentafluorobenzene	7.795	168	110358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51623	49.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.720%
35) Dibromofluoromethane	7.722	113	63158	46.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.100%
50) Toluene-d8	10.185	98	221690	46.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.483	95	59473	39.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.780%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	10359	2.537	ug/l	Qvalue 99

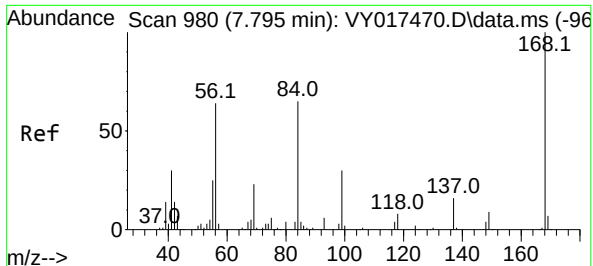
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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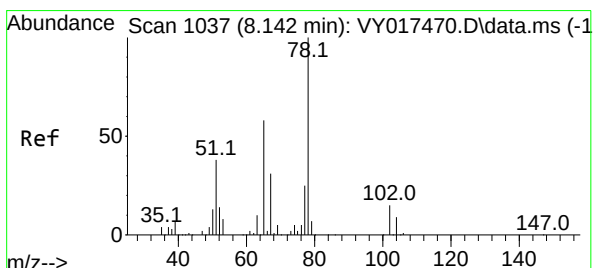
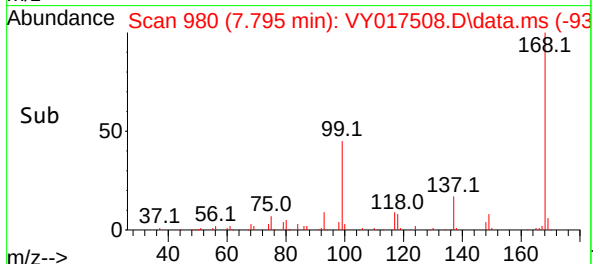
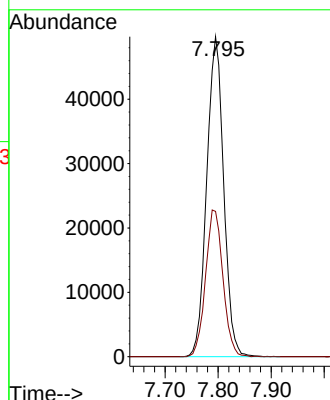
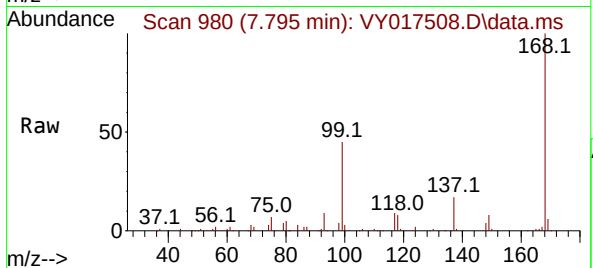




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

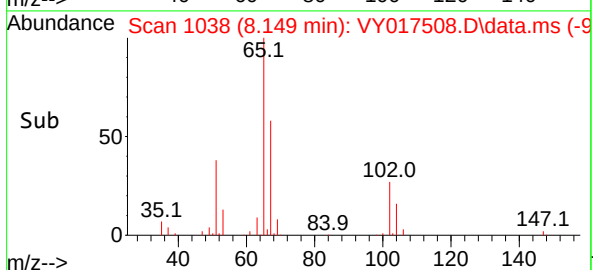
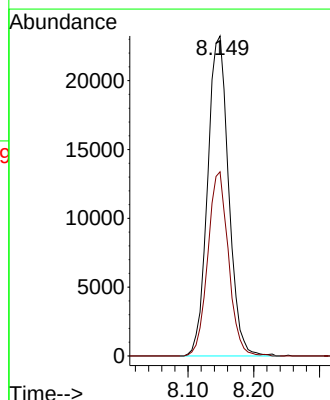
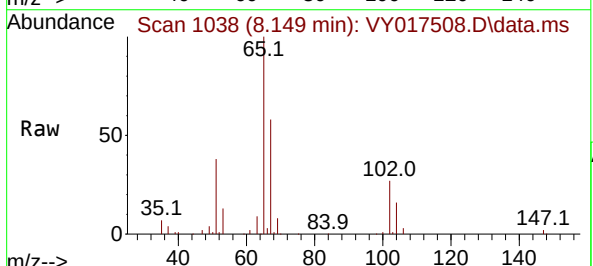
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

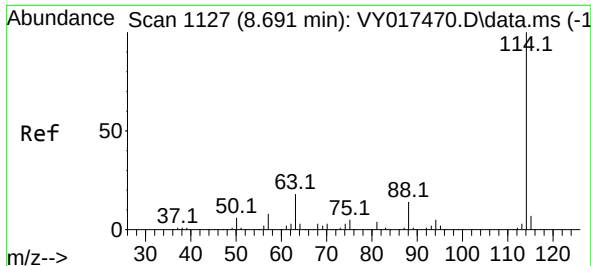
Tgt Ion:168 Resp: 110358
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.358 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 65 Resp: 51623
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-022724

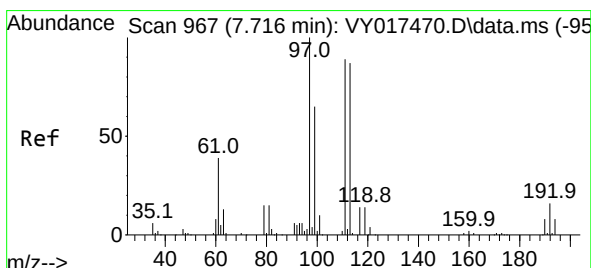
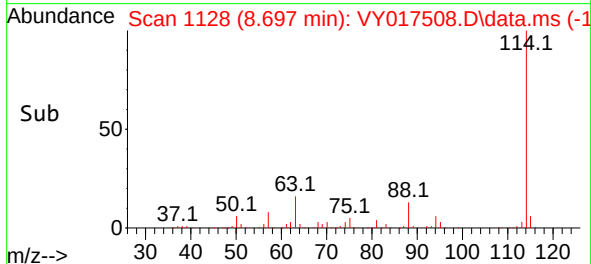
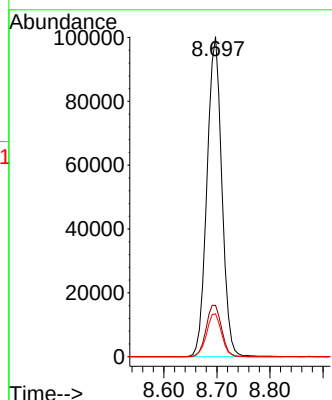
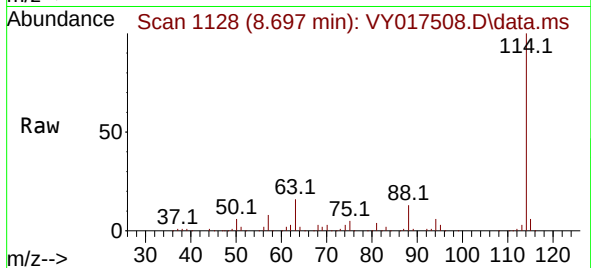
Tgt Ion:114 Resp: 194714

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.548 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

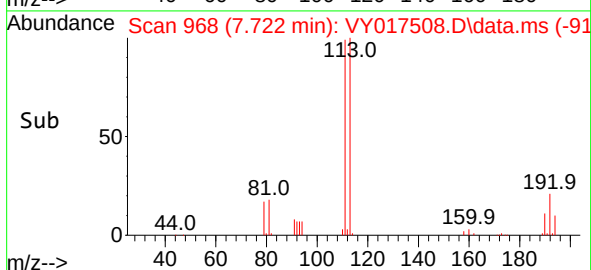
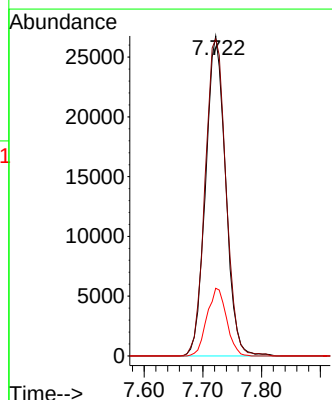
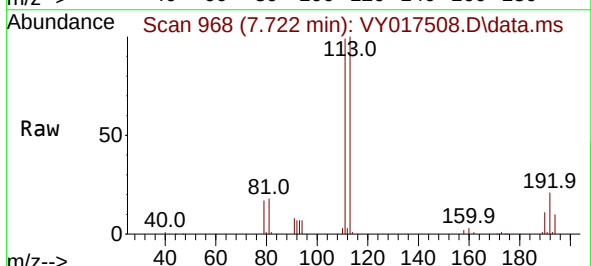
Tgt Ion:113 Resp: 63158

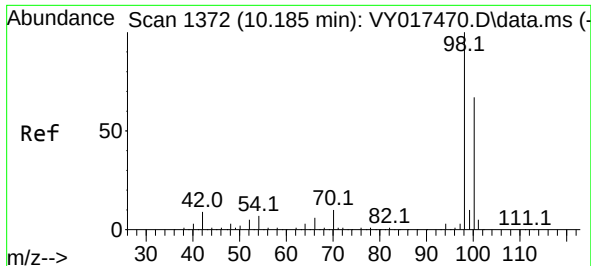
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 20.7 15.9 23.9

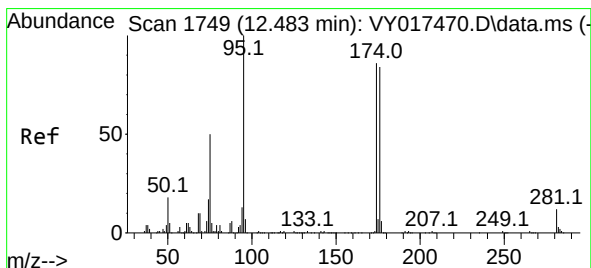
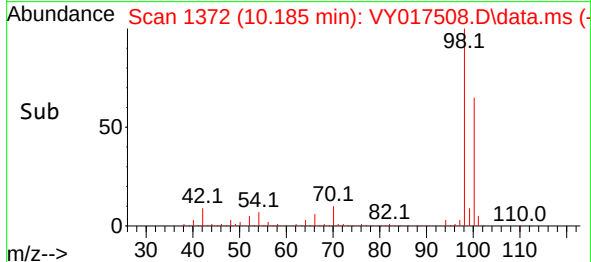
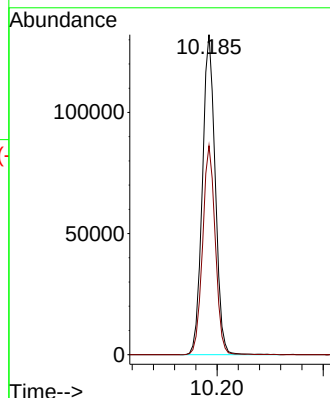
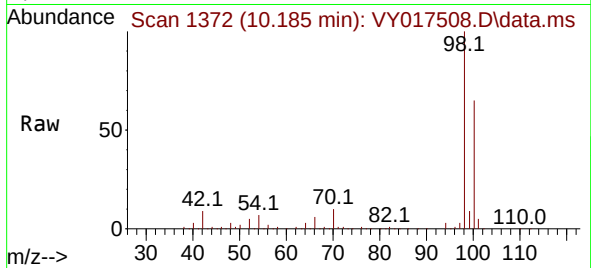




#50
Toluene-d8
Concen: 46.731 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

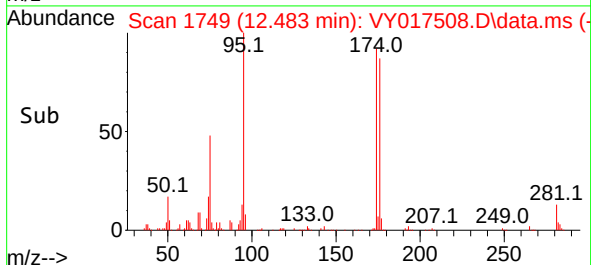
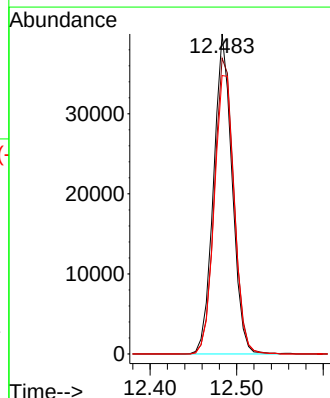
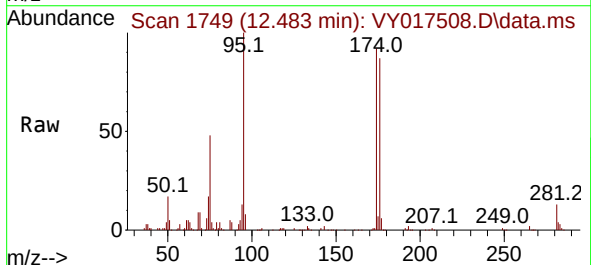
Instrument :
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TR-05-022724

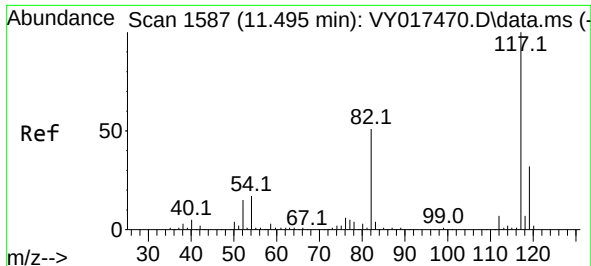
Tgt Ion: 98 Resp: 221690
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 95 Resp: 59473
Ion Ratio Lower Upper
95 100
174 97.3 0.0 175.6
176 93.7 0.0 171.4

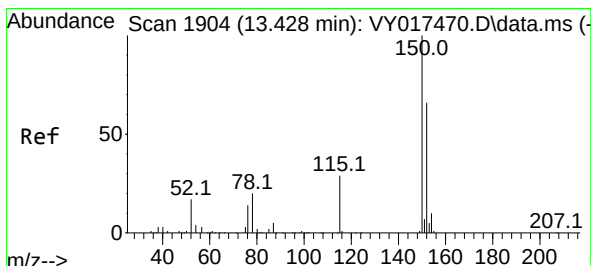
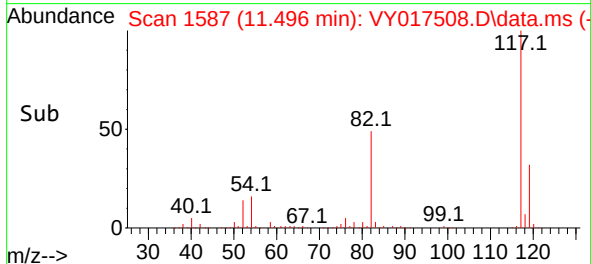
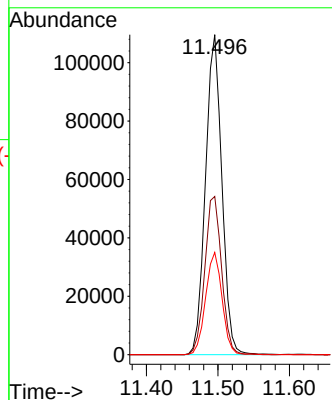
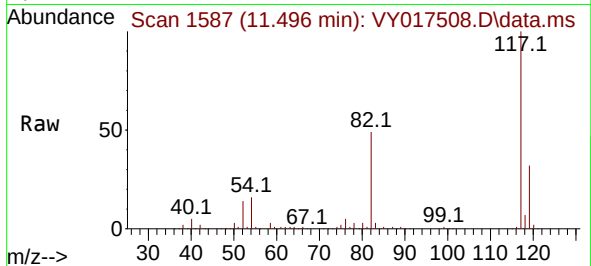




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

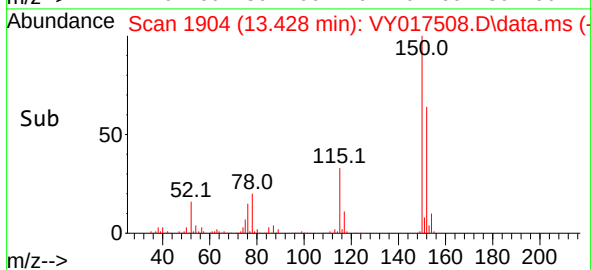
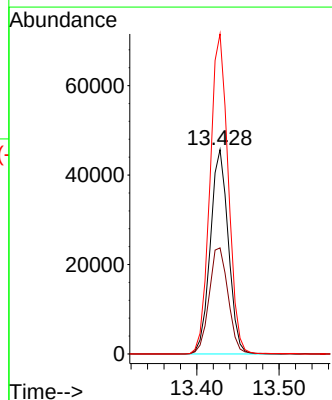
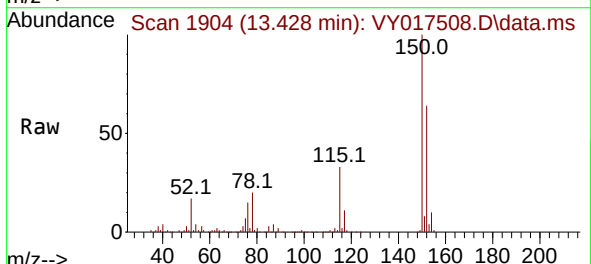
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

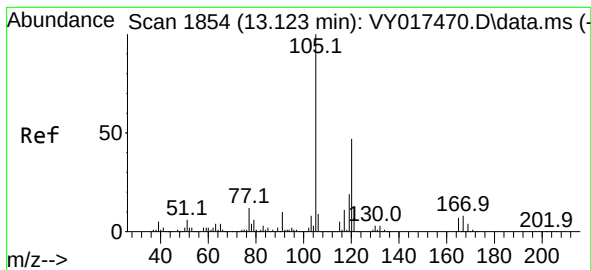
Tgt Ion:117 Resp: 174364
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion:152 Resp: 69491
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 158.4 0.0 345.6





#84

1,2,4-Trimethylbenzene

Concen: 2.537 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017508.D

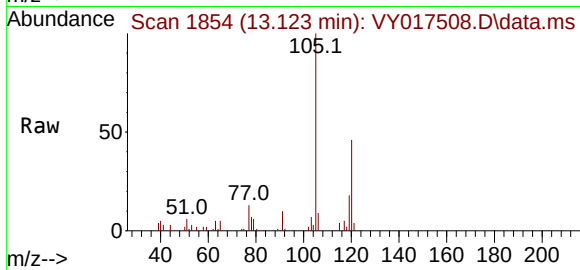
Acq: 27 Feb 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-022724



Tgt Ion:105 Resp: 10359

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6

