

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017915.D
 Acq On : 11 Apr 2024 16:48
 Operator : SY/MD
 Sample : P2072-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-041024

Quant Time: Apr 12 05:03:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

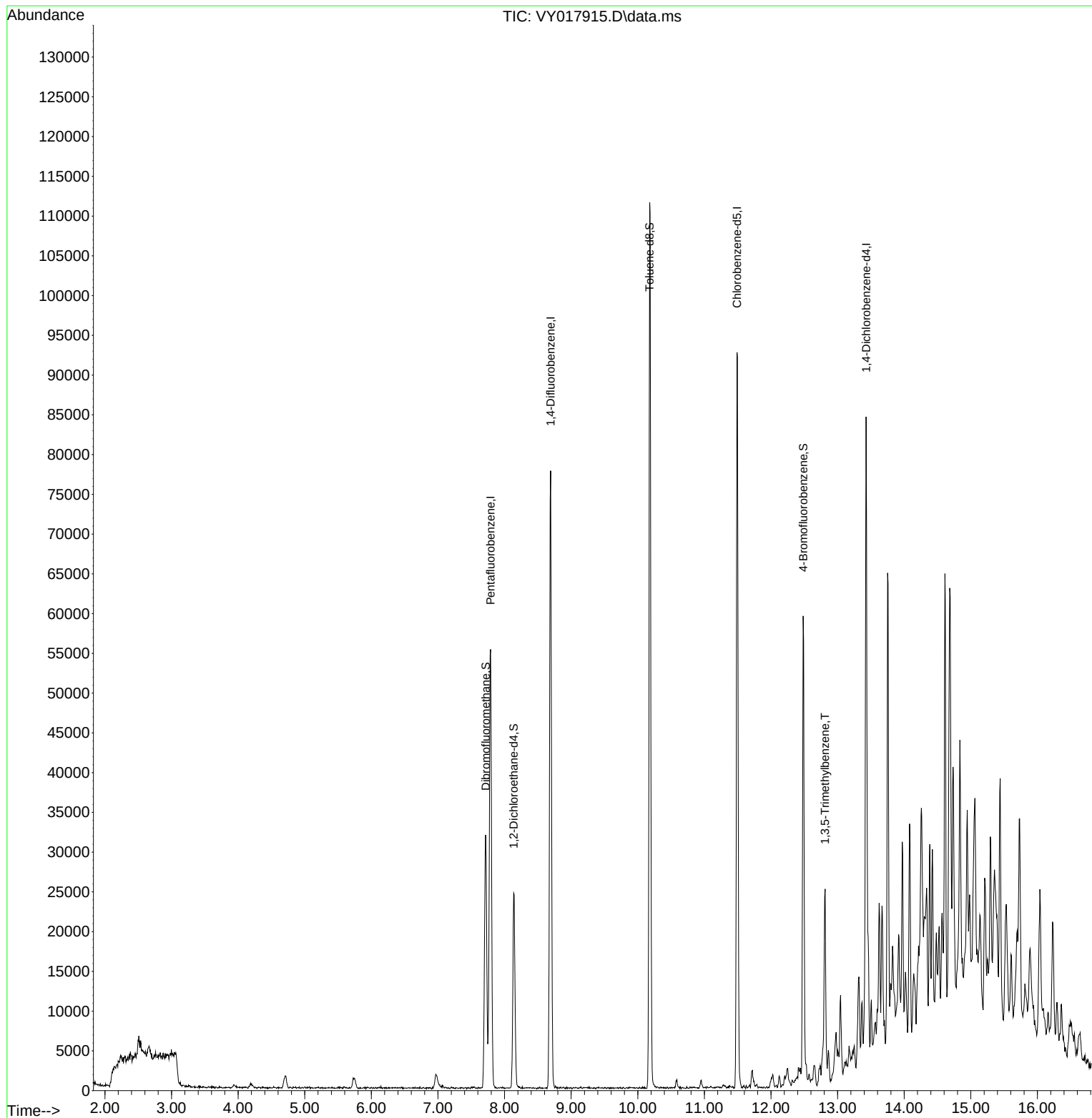
Internal Standards						
1) Pentafluorobenzene	7.789	168	45275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	68901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19353	49.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.716	113	22437	56.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.179	98	75346	50.662	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.483	95	16531	36.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.060%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.813	105	2894	2.630	ug/l	Qvalue 96

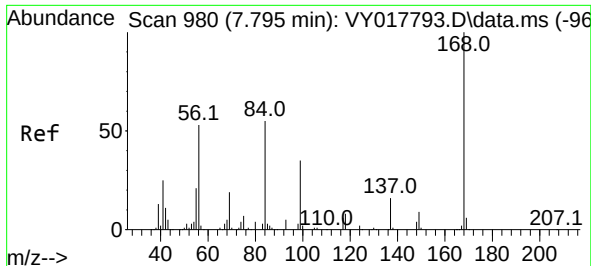
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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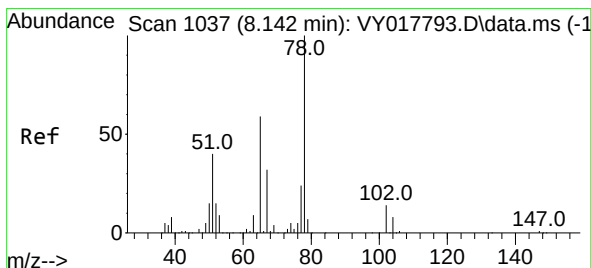
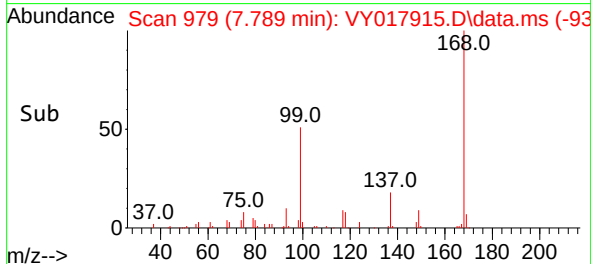
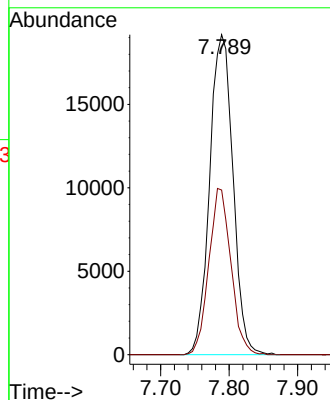
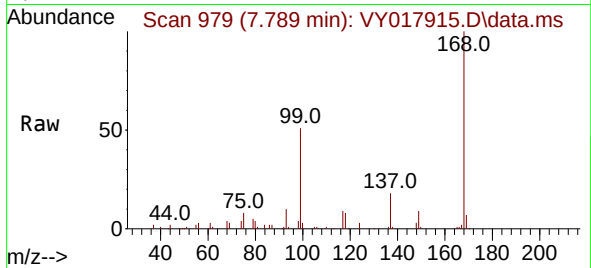




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

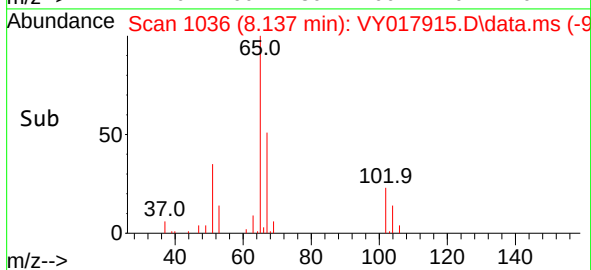
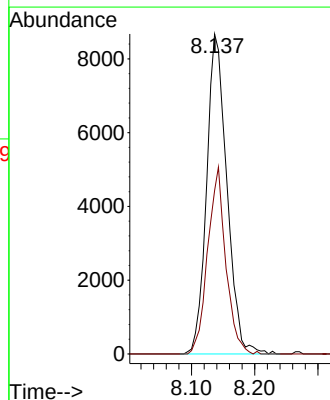
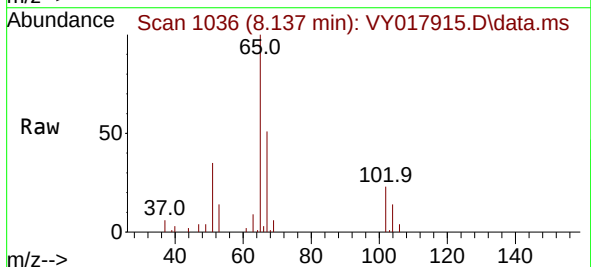
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-041024

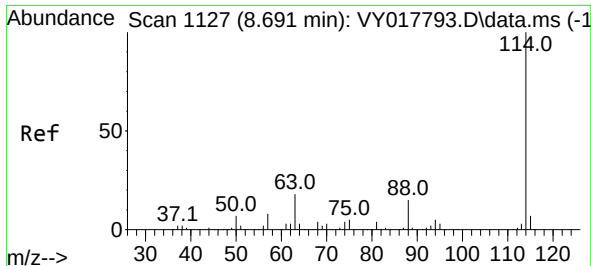
Tgt Ion:168 Resp: 45275
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.397 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

Tgt Ion: 65 Resp: 19353
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017915.D

Acq: 11 Apr 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-041024

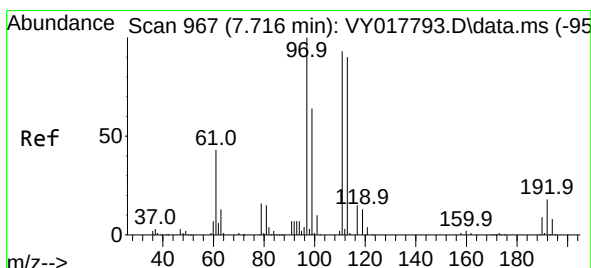
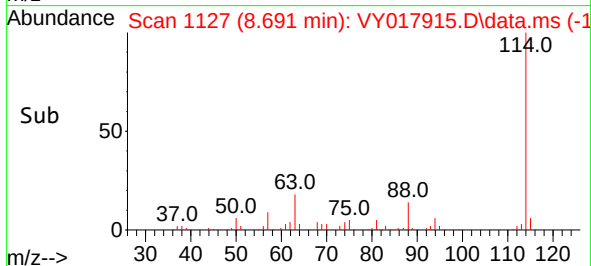
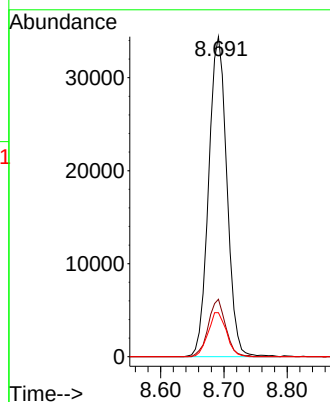
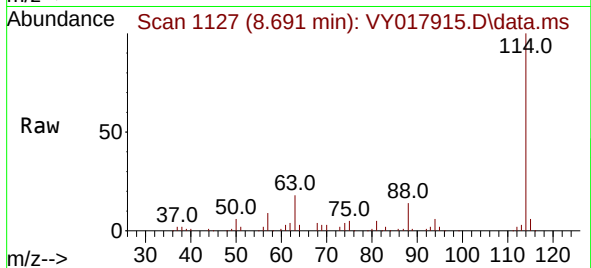
Tgt Ion:114 Resp: 68901

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.354 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017915.D

Acq: 11 Apr 2024 16:48

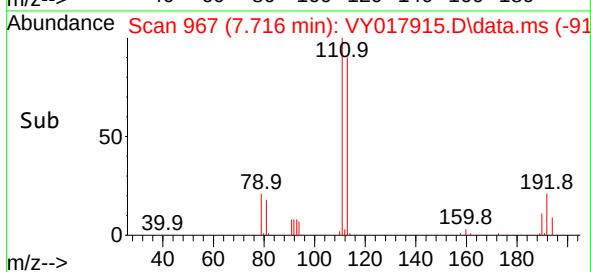
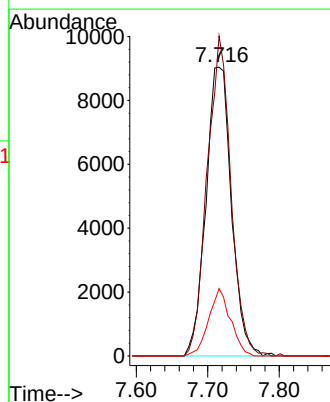
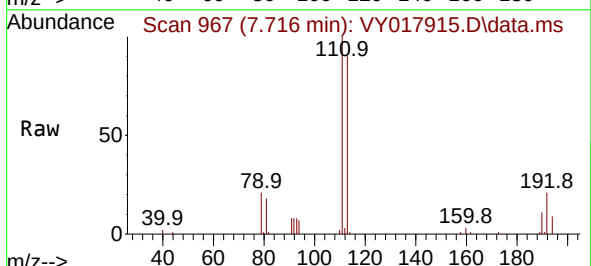
Tgt Ion:113 Resp: 22437

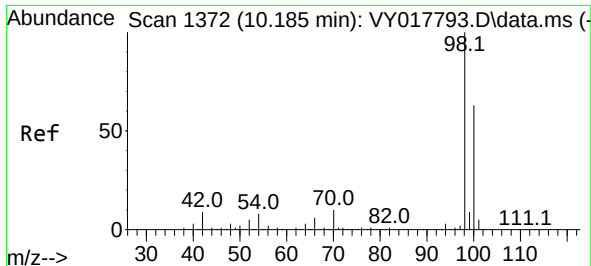
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.0 15.9 23.9

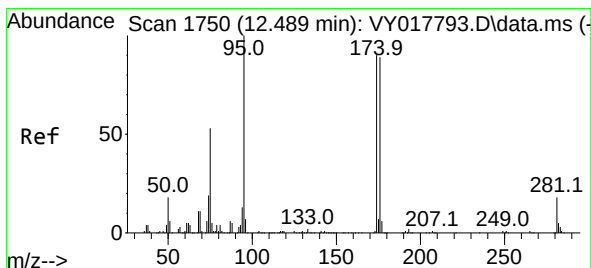
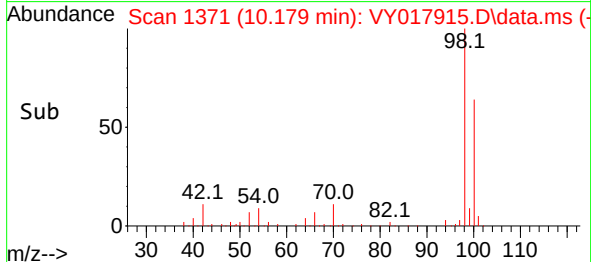
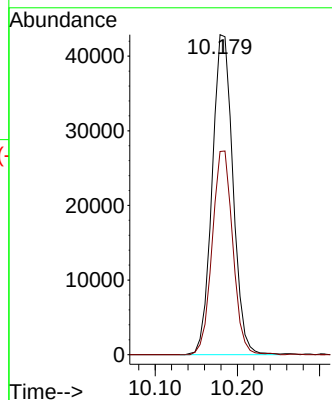
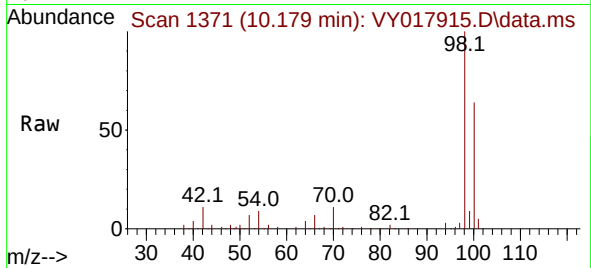




#50
Toluene-d8
Concen: 50.662 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

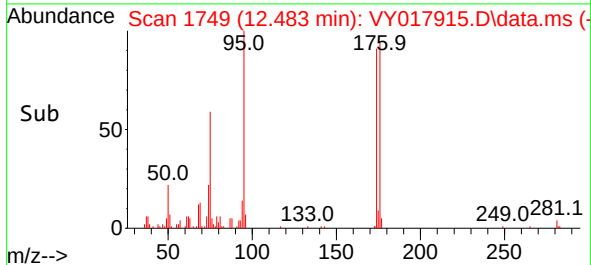
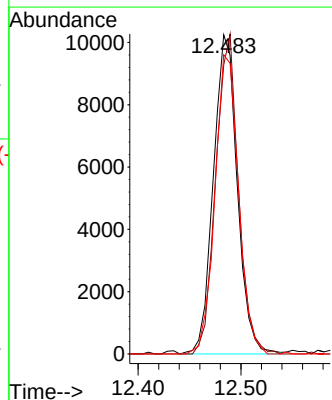
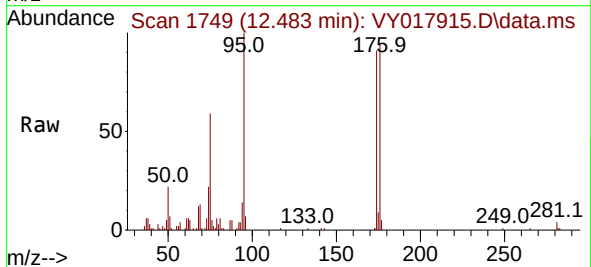
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-041024

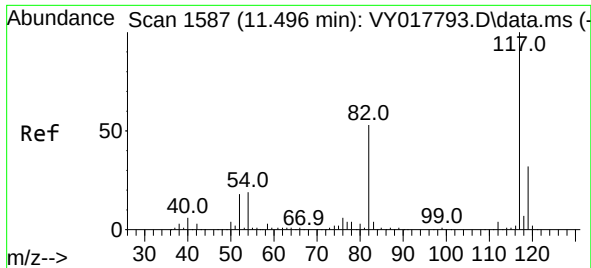
Tgt Ion: 98 Resp: 75346
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

Tgt Ion: 95 Resp: 16531
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 92.5 0.0 171.4

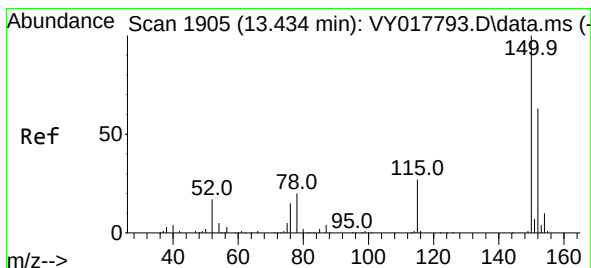
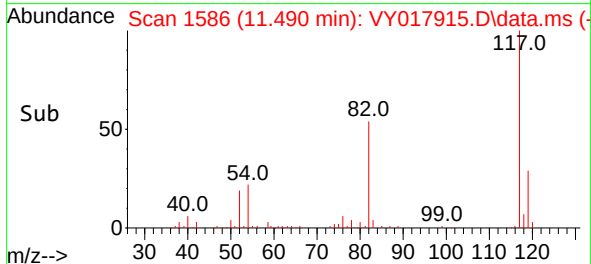
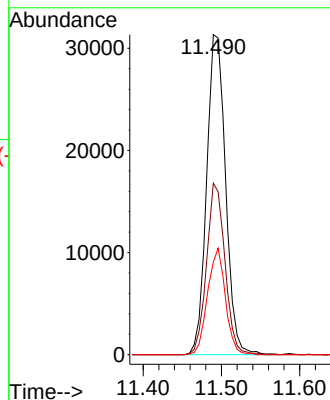
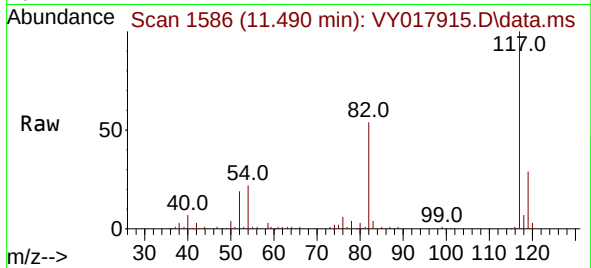




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

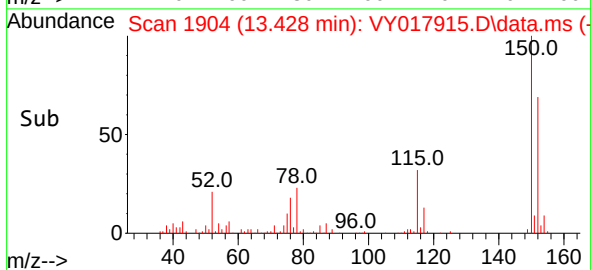
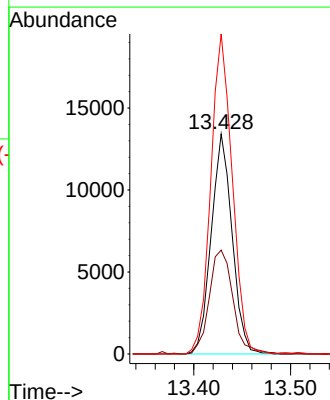
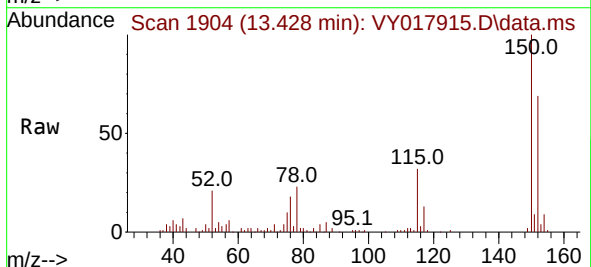
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-041024

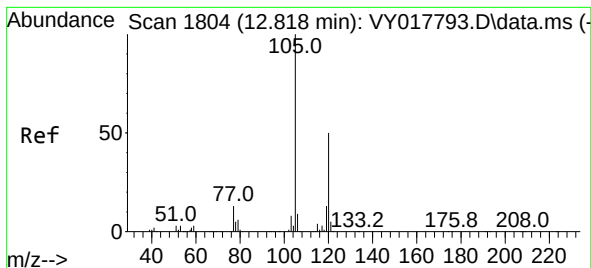
Tgt Ion:117 Resp: 52633
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 28.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017915.D
Acq: 11 Apr 2024 16:48

Tgt Ion:152 Resp: 20116
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 149.3 0.0 345.6





#80

1,3,5-Trimethylbenzene

Concen: 2.630 ug/l

RT: 12.813 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017915.D

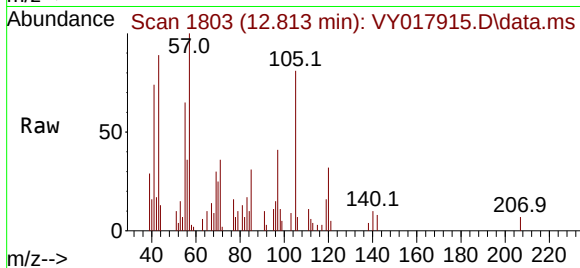
Acq: 11 Apr 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-041024



Tgt Ion:105 Resp: 2894

Ion Ratio Lower Upper

105 100

120 47.3 25.1 75.2

