

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015317.D
 Acq On : 24 Aug 2023 17:18
 Operator : SY/MD
 Sample : 04112-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-22282

Quant Time: Aug 25 03:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

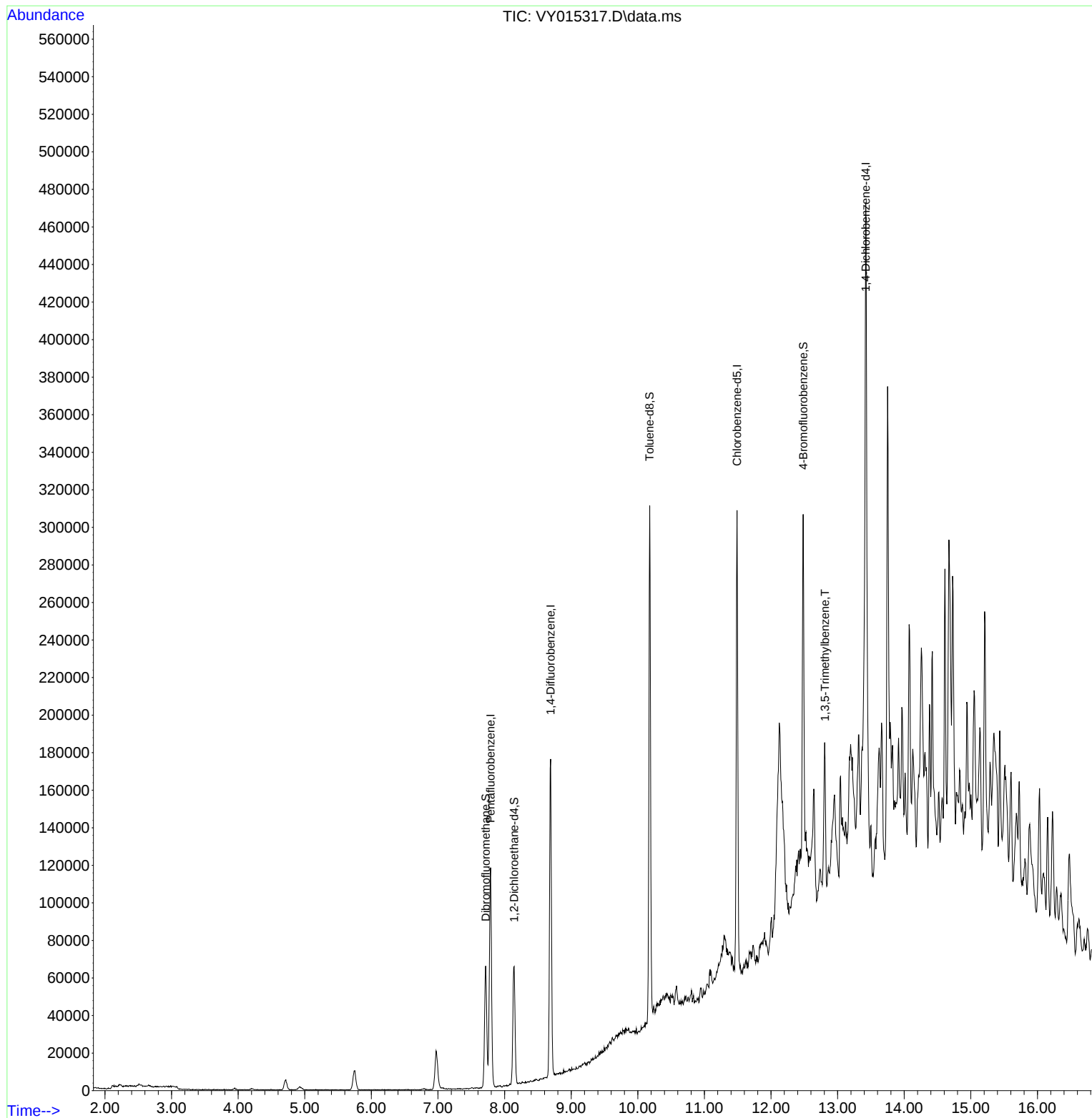
Internal Standards						
1) Pentafluorobenzene	7.789	168	88261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50987	48.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.716	113	44740	47.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.179	98	174780	49.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.483	95	56879	44.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.940%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.812	105	7170	2.153	ug/l	94

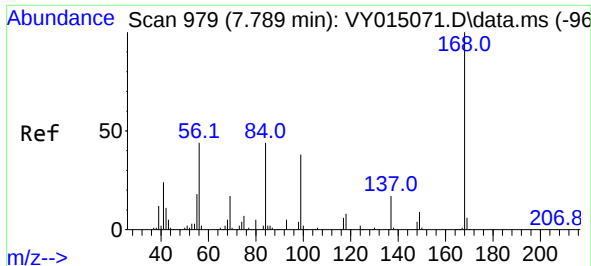
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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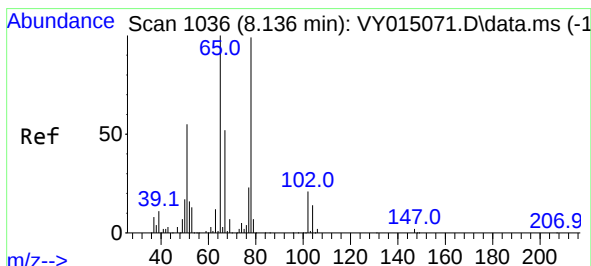
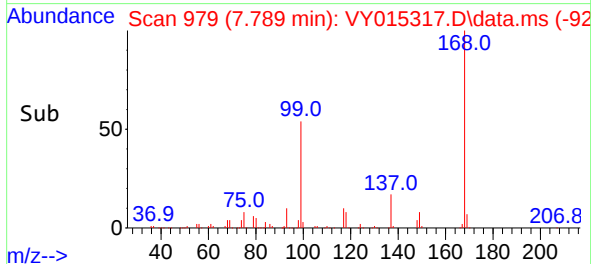
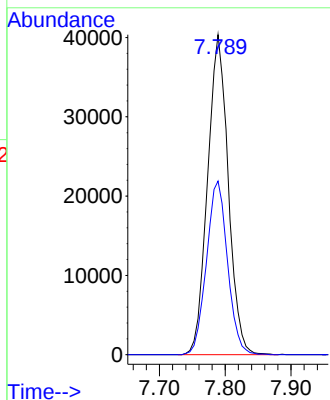
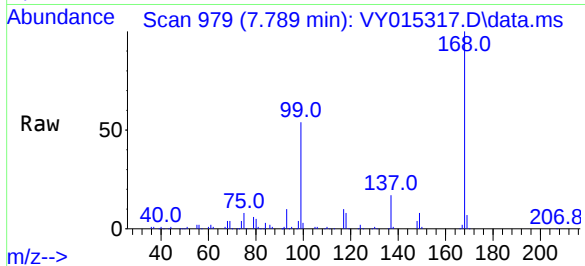




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

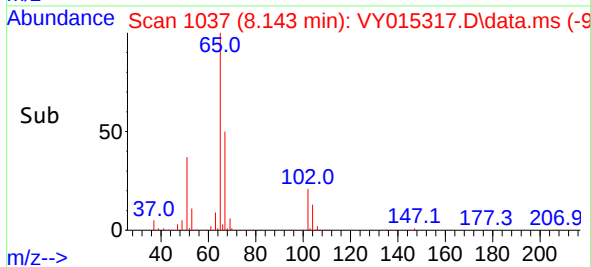
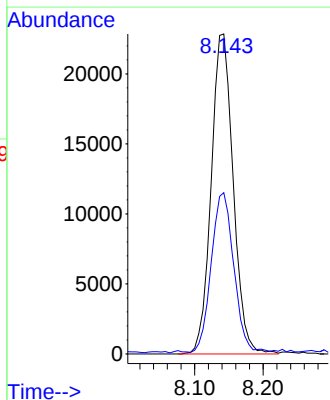
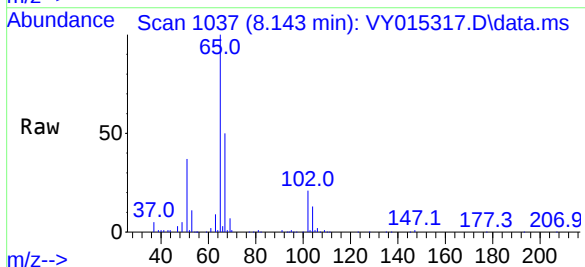
Instrument :
MSVOA_Y
ClientSampleId :
RBR-22282

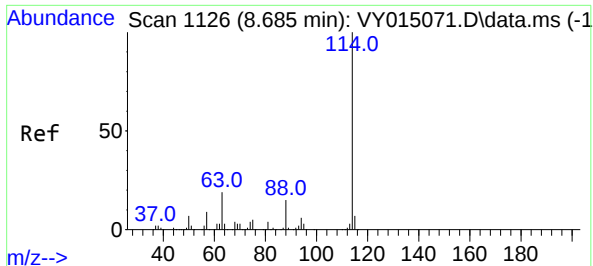
Tgt Ion:168 Resp: 88261
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.124 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

Tgt Ion: 65 Resp: 50987
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015317.D

Acq: 24 Aug 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

RBR-22282

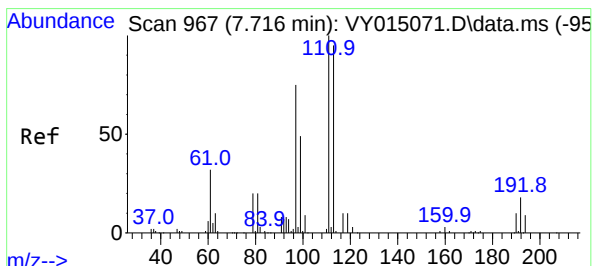
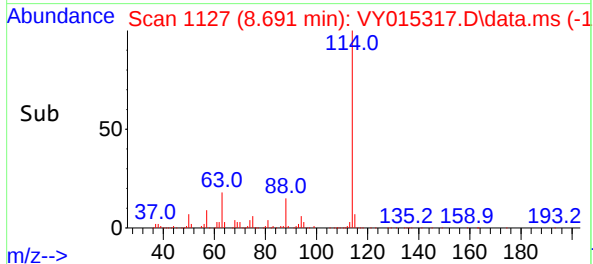
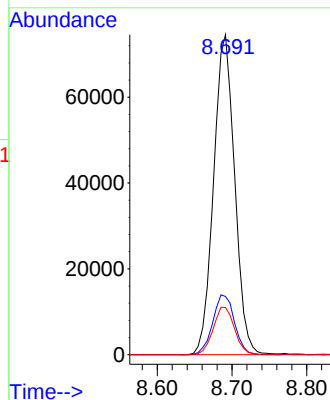
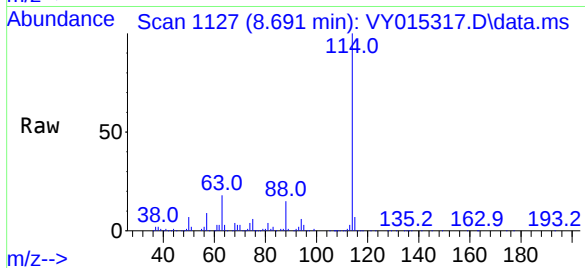
Tgt Ion:114 Resp: 146240

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.555 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015317.D

Acq: 24 Aug 2023 17:18

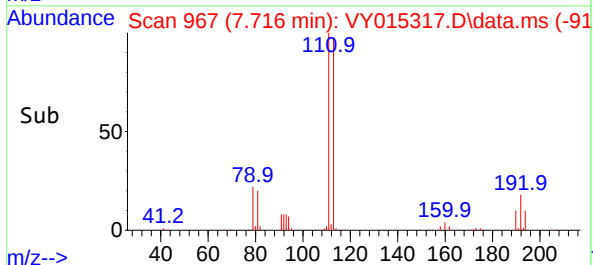
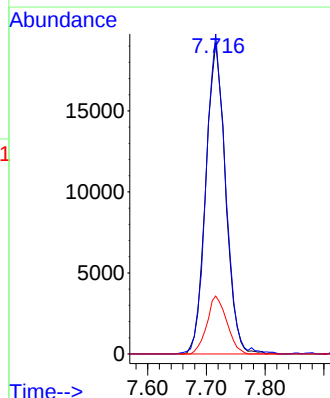
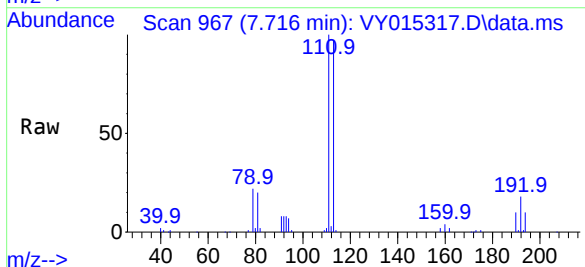
Tgt Ion:113 Resp: 44740

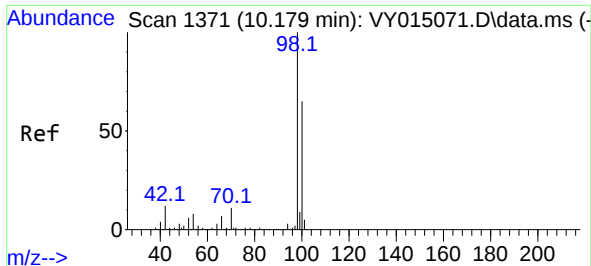
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 18.7 16.9 25.3

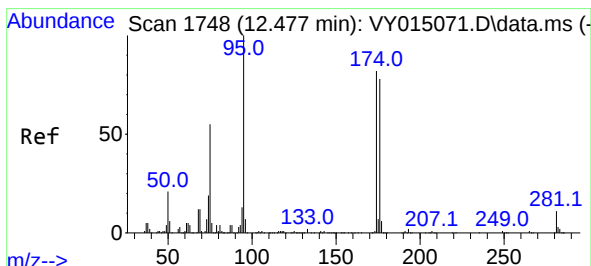
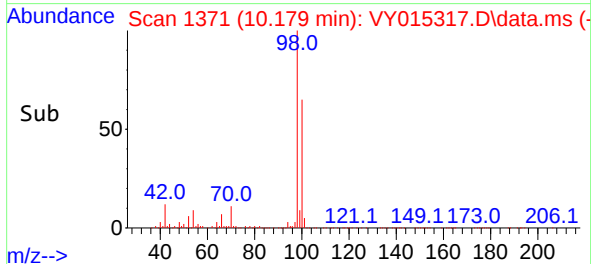
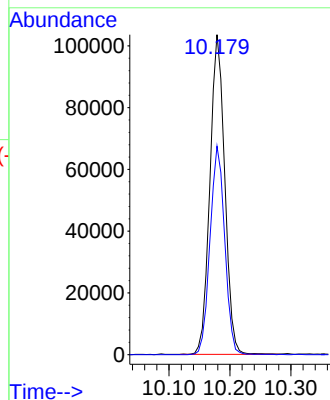
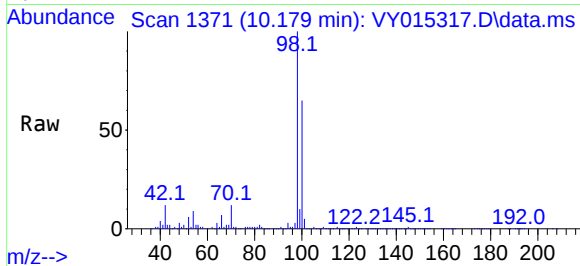




#50
Toluene-d8
Concen: 49.905 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

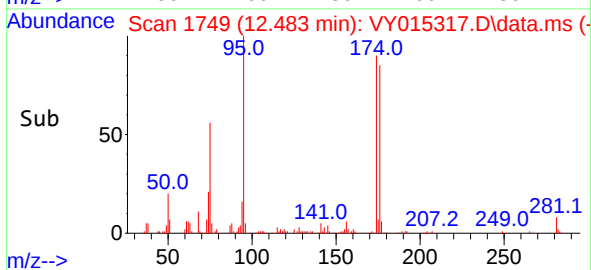
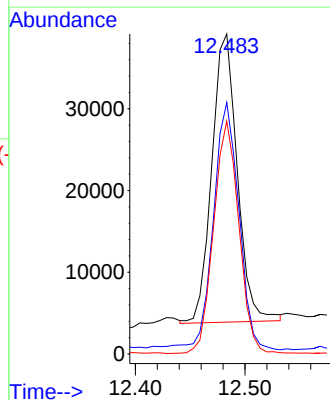
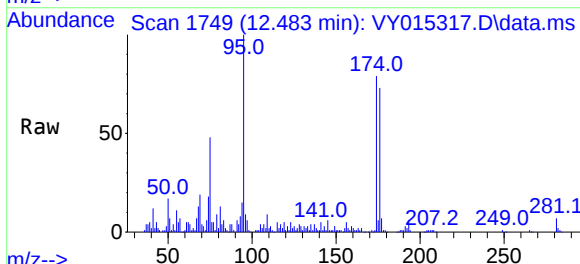
Instrument :
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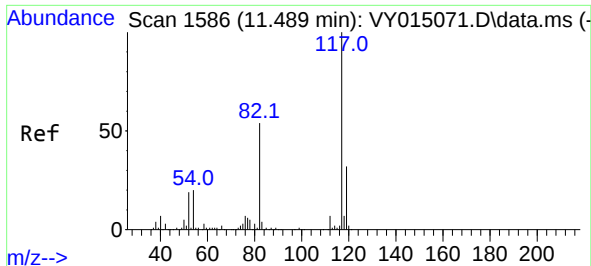
Tgt Ion: 98 Resp: 174780
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

Tgt Ion: 95 Resp: 56879
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 79.8 0.0 173.8

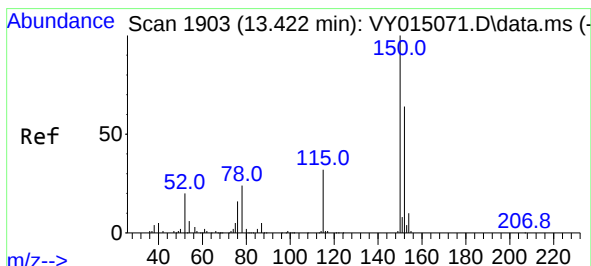
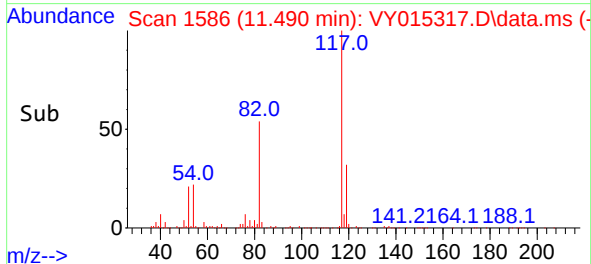
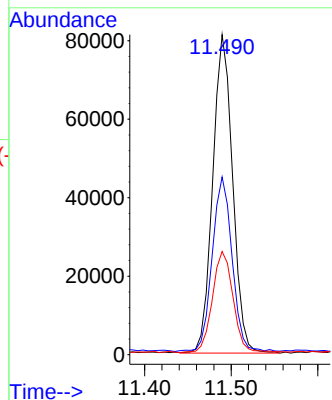
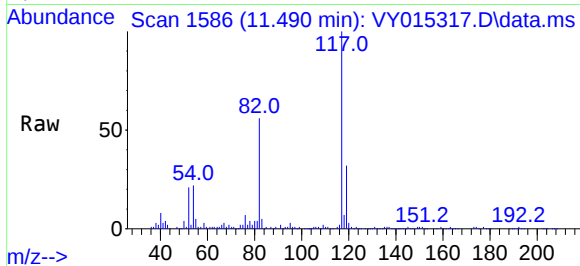




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

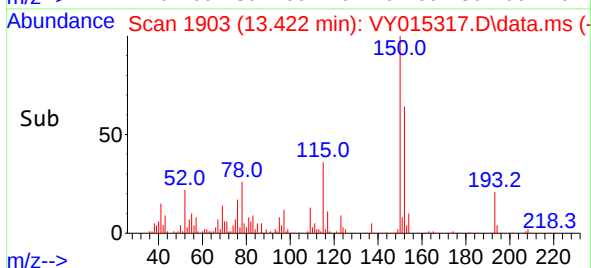
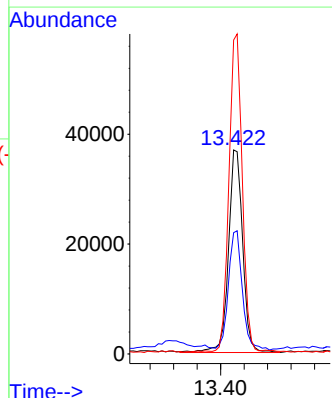
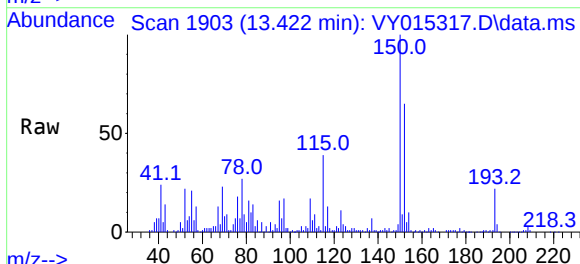
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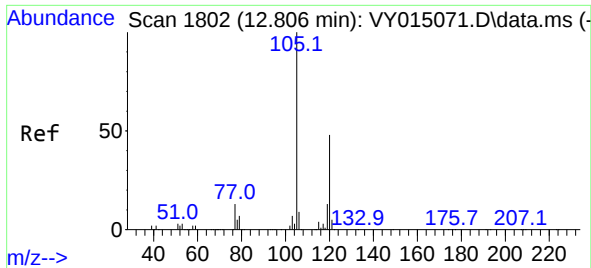
Tgt Ion:117 Resp: 129511
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015317.D
Acq: 24 Aug 2023 17:18

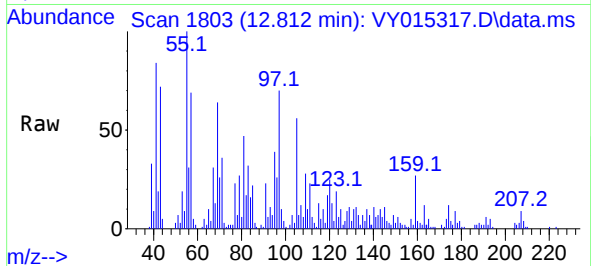
Tgt Ion:152 Resp: 62118
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 145.3 0.0 348.8





#80
 1,3,5-Trimethylbenzene
 Concen: 2.153 ug/l
 RT: 12.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015317.D
 Acq: 24 Aug 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-22282



Tgt Ion:105 Resp: 7170
 Ion Ratio Lower Upper
 105 100
 120 52.2 23.9 71.7

