

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015034.D
 Acq On : 10 Aug 2023 17:50
 Operator : SY/MD
 Sample : 03954-13
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-19

Quant Time: Aug 11 01:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

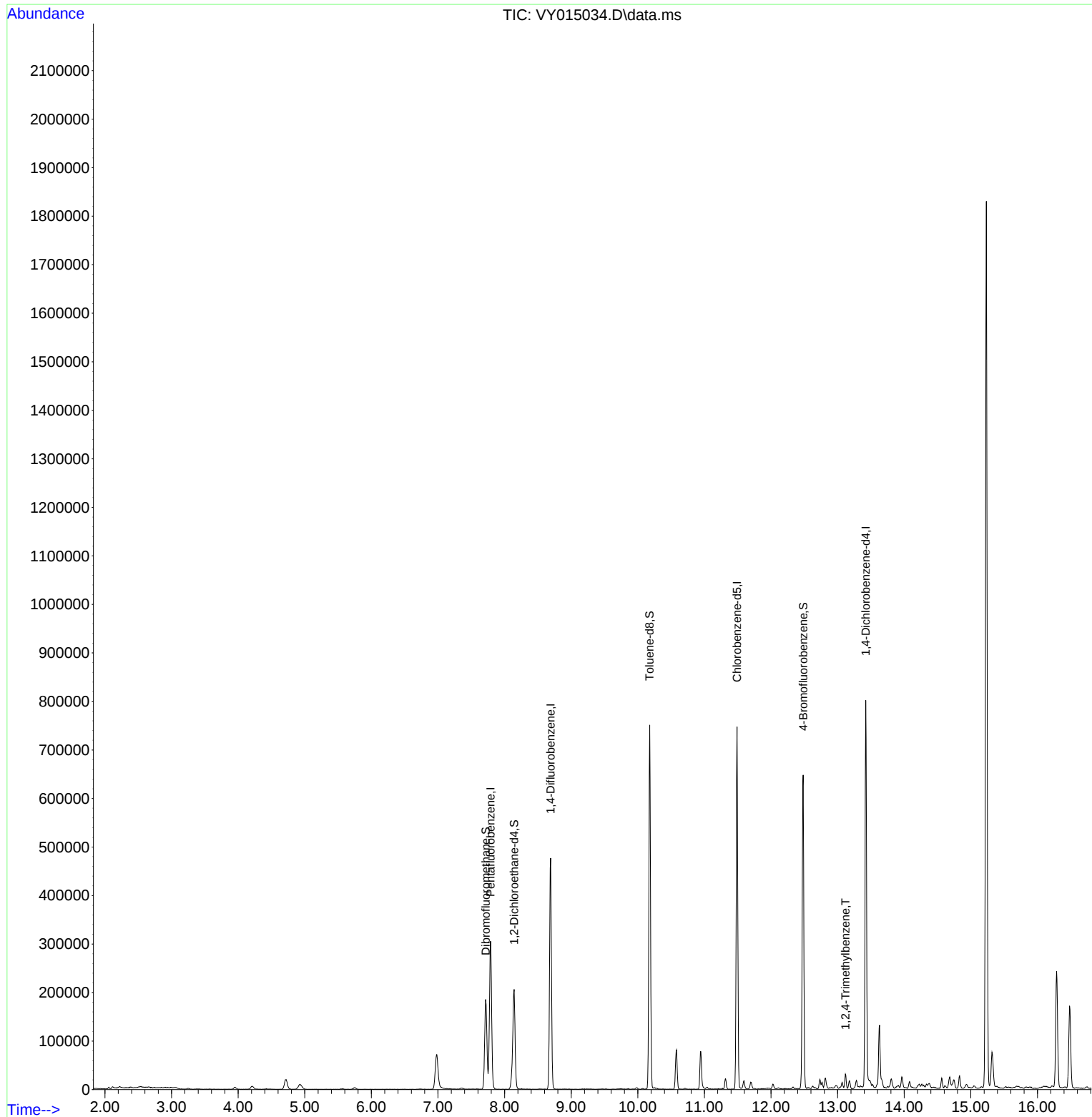
Internal Standards						
1) Pentafluorobenzene	7.789	168	241769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	394293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151812	51.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.620%
35) Dibromofluoromethane	7.716	113	129196	49.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	481576	48.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.483	95	188620	53.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.540%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	16303	1.439	ug/l	Qvalue 97

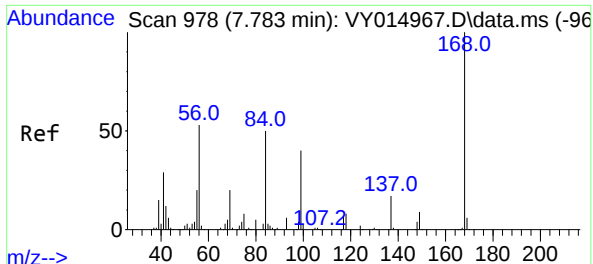
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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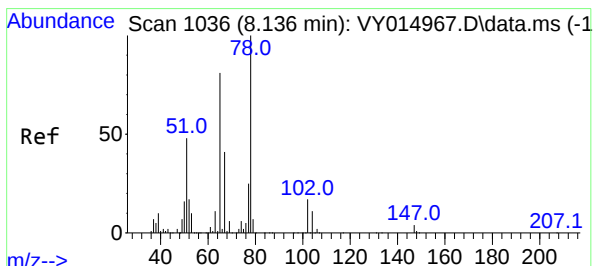
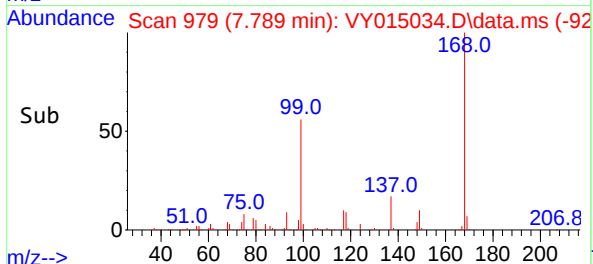
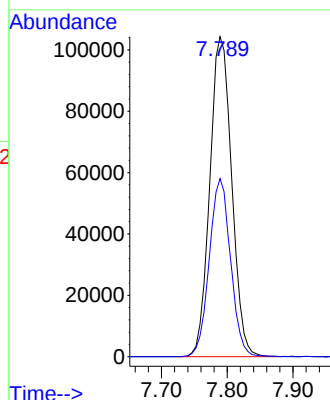
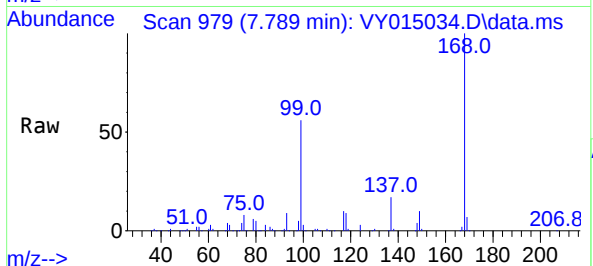




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

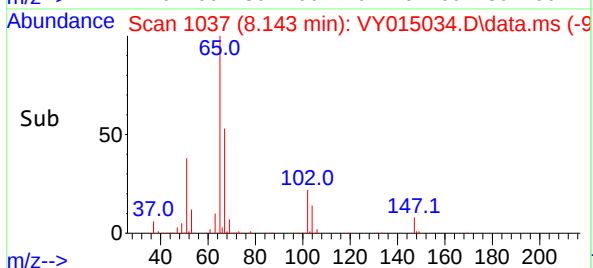
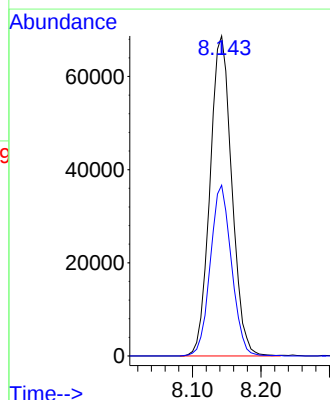
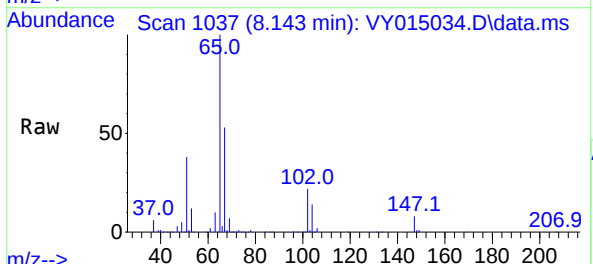
Instrument :
MSVOA_Y
ClientSampleId :
WC-19

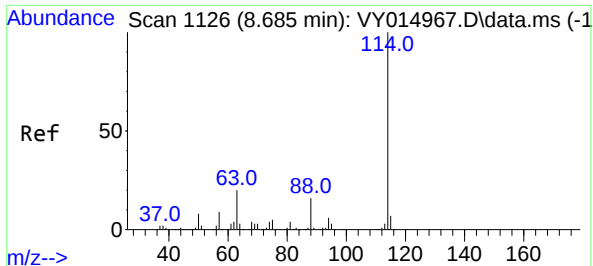
Tgt Ion:168 Resp: 241769
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.807 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

Tgt Ion: 65 Resp: 151812
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015034.D

Acq: 10 Aug 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-19

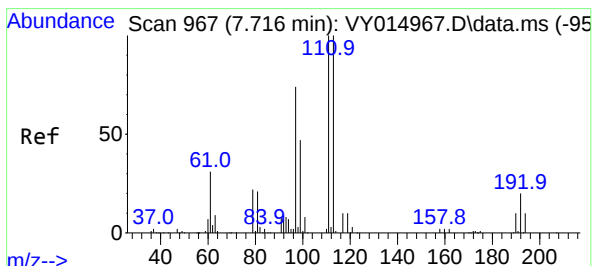
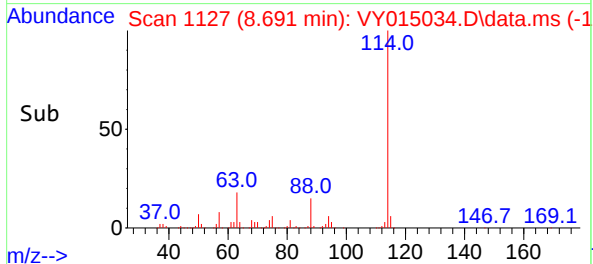
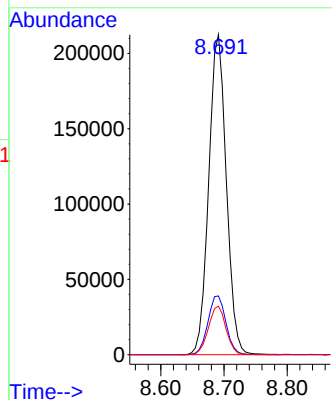
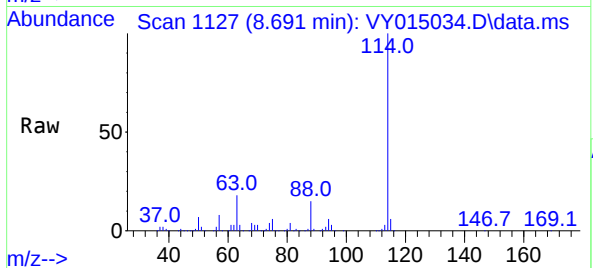
Tgt Ion:114 Resp: 410423

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015034.D

Acq: 10 Aug 2023 17:50

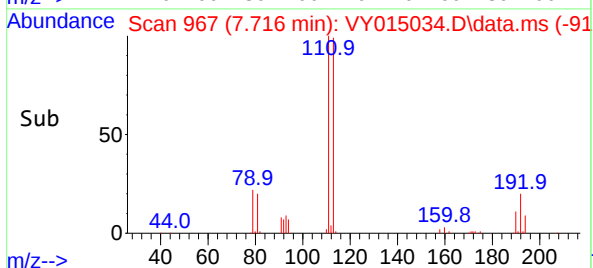
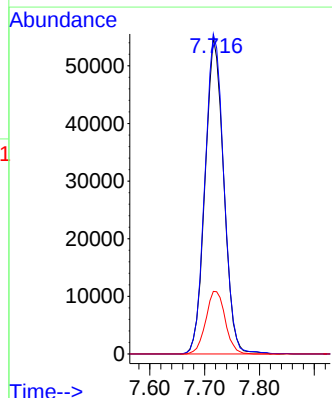
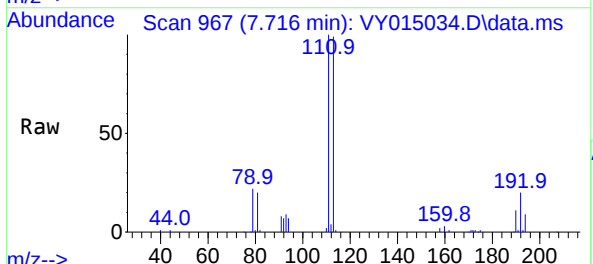
Tgt Ion:113 Resp: 129196

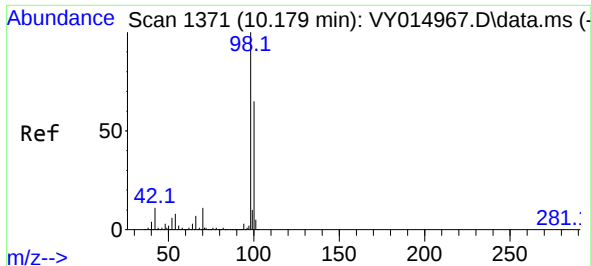
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 20.6 16.9 25.3

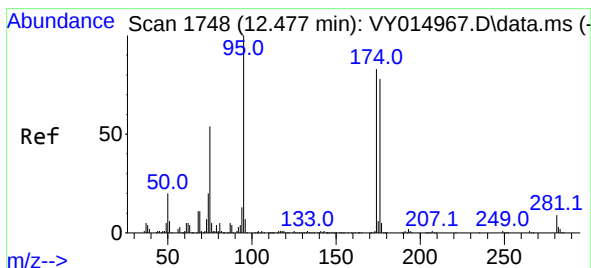
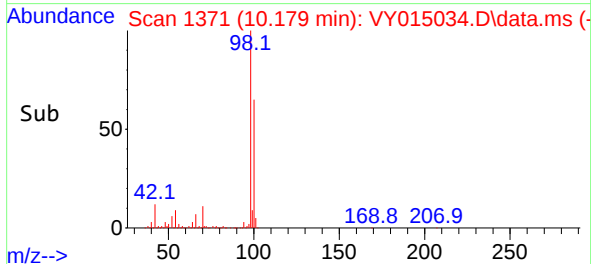
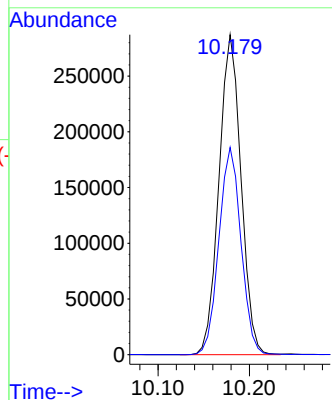
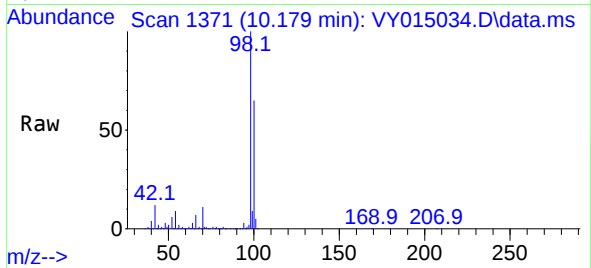




#50
Toluene-d8
Concen: 48.207 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

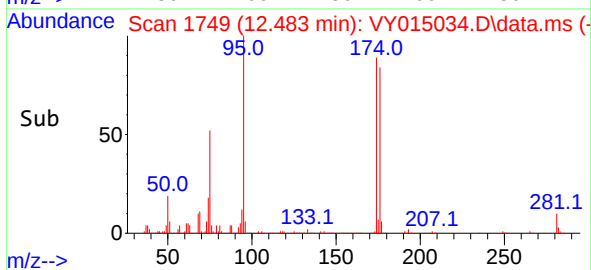
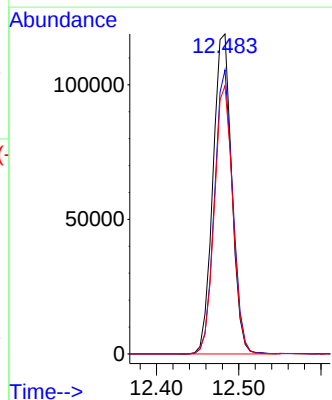
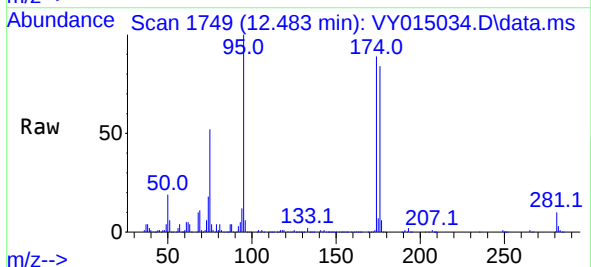
Instrument :
MSVOA_Y
ClientSampleId :
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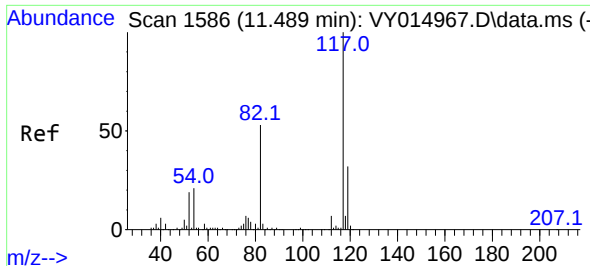
Tgt Ion: 98 Resp: 481576
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

Tgt Ion: 95 Resp: 188620
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.5 0.0 173.8

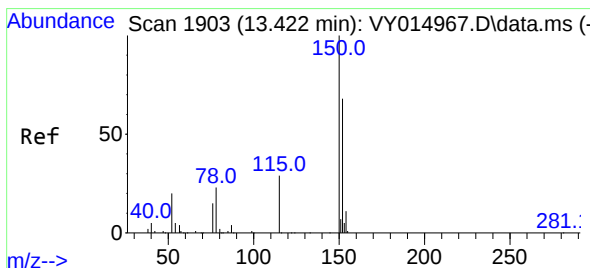
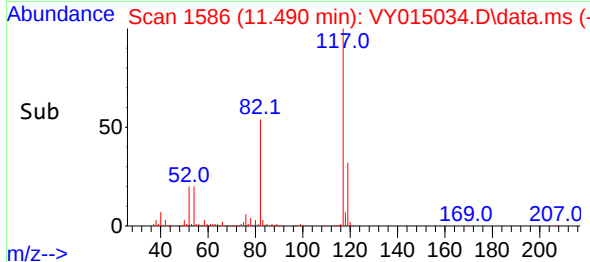
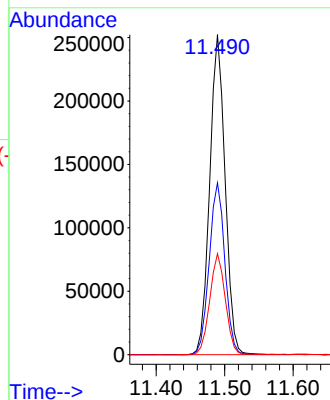
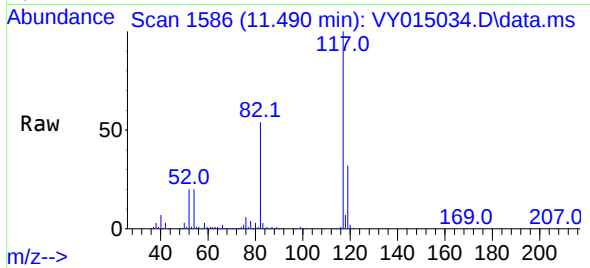




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

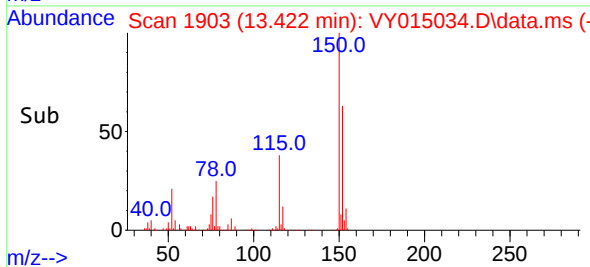
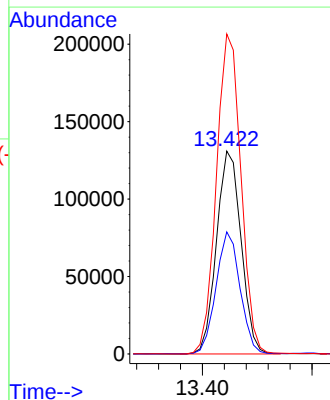
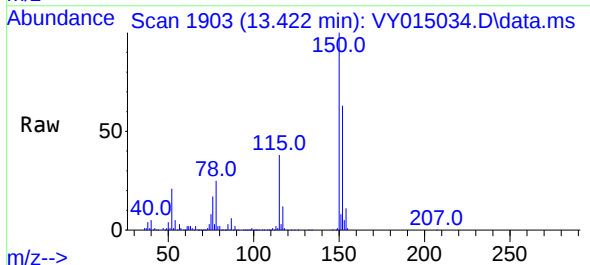
Instrument :
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ClientSampleId :
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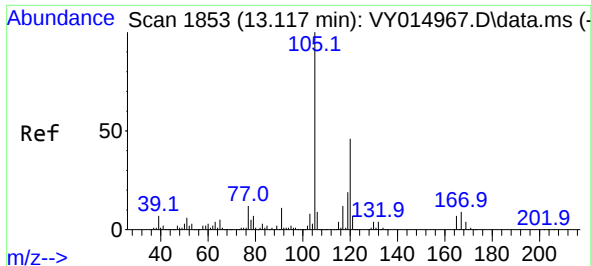
Tgt Ion:117 Resp: 394293
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015034.D
Acq: 10 Aug 2023 17:50

Tgt Ion:152 Resp: 204077
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.8 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.439 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015034.D

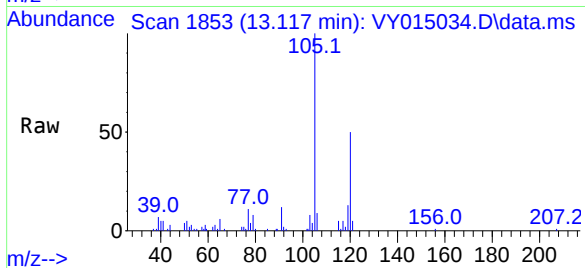
Acq: 10 Aug 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-19



Tgt Ion:105 Resp: 16303

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6

