

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007963.D
 Acq On : 21 Mar 2022 18:33
 Operator : SY/MD
 Sample : N1974-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6-4-6-7

Quant Time: Mar 22 03:41:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

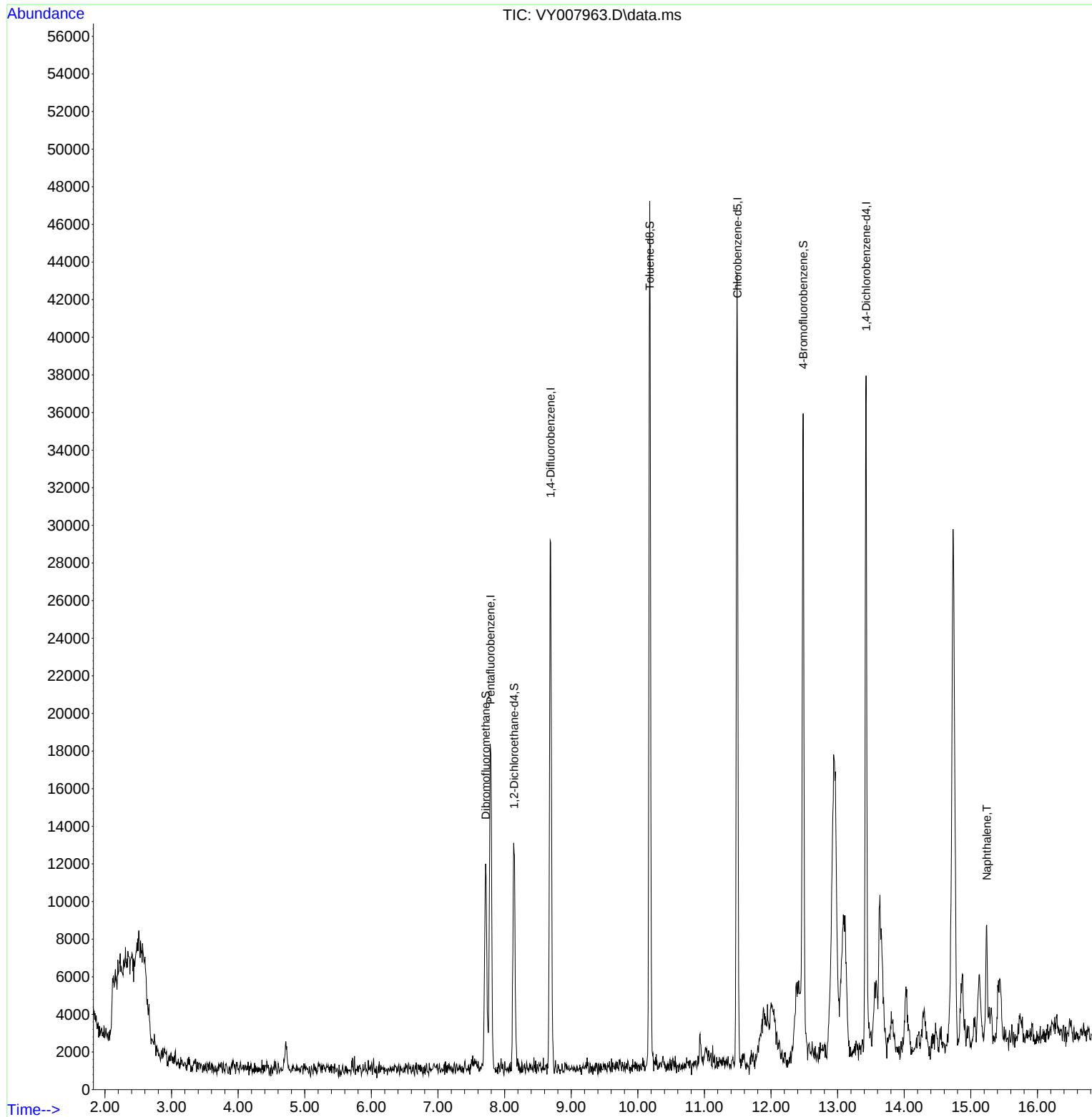
Internal Standards						
1) Pentafluorobenzene	7.789	168	12623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	24377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9530	66.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.420%
35) Dibromofluoromethane	7.716	113	7682	44.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.740%
50) Toluene-d8	10.179	98	29239	57.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.880%
62) 4-Bromofluorobenzene	12.483	95	9999	40.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.400%
Target Compounds						
95) Naphthalene	15.239	128	4439	10.639	ug/l	Qvalue # 95

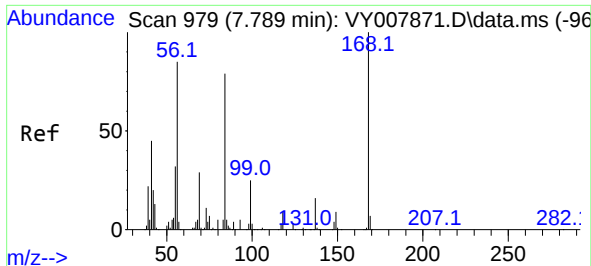
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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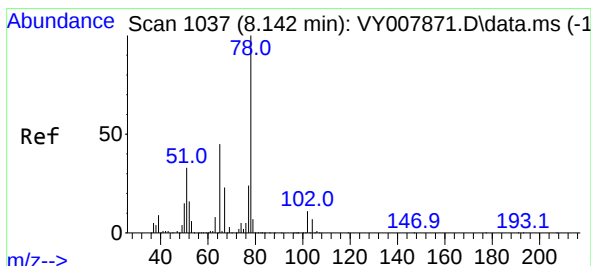
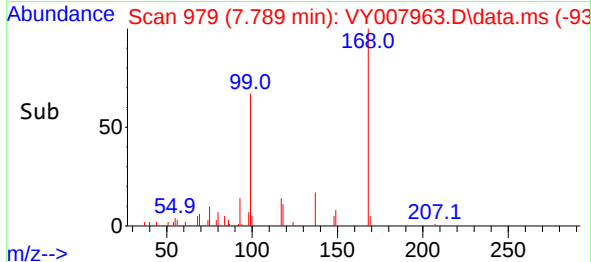
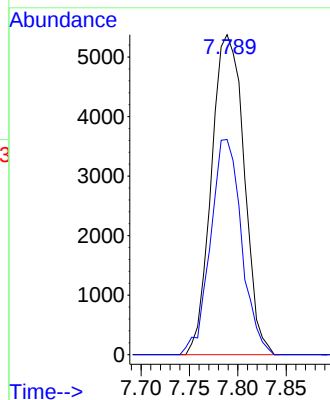
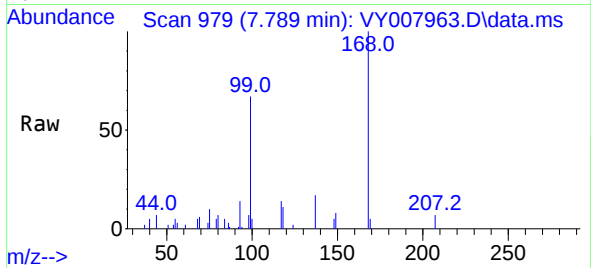




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007963.D
Acq: 21 Mar 2022 18:33

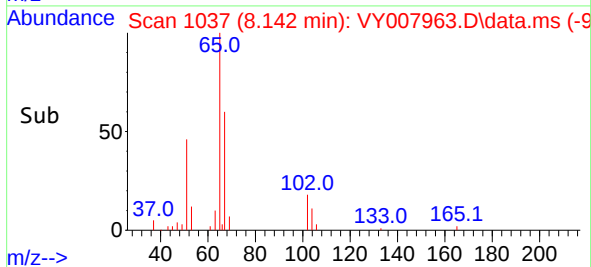
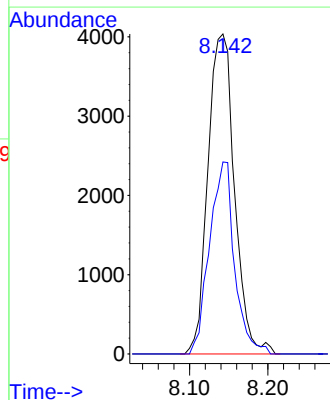
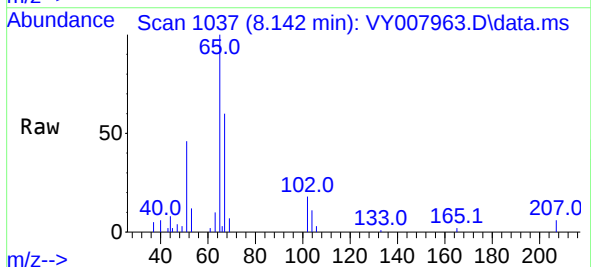
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

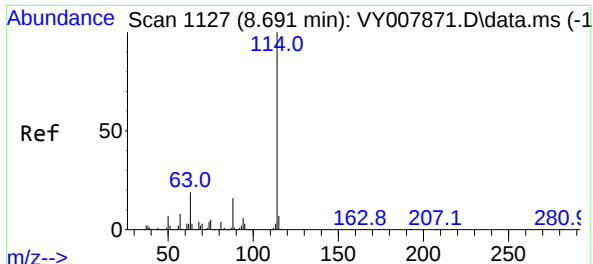
Tgt Ion:168 Resp: 12623
Ion Ratio Lower Upper
168 100
99 67.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.215 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007963.D
Acq: 21 Mar 2022 18:33

Tgt Ion: 65 Resp: 9530
Ion Ratio Lower Upper
65 100
67 56.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007963.D

Acq: 21 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

G-6-4-6-7

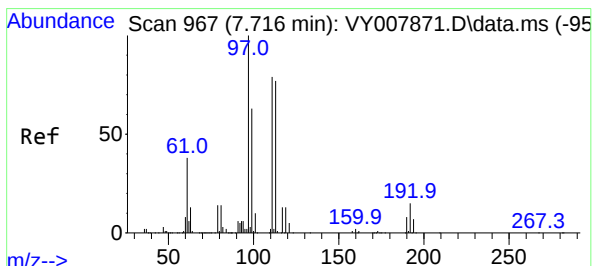
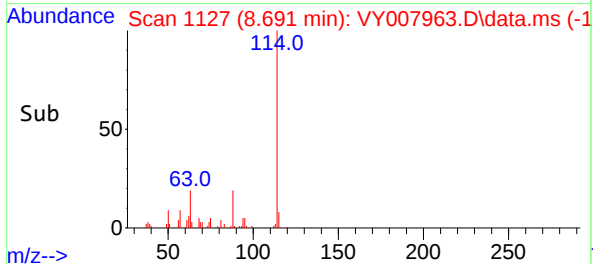
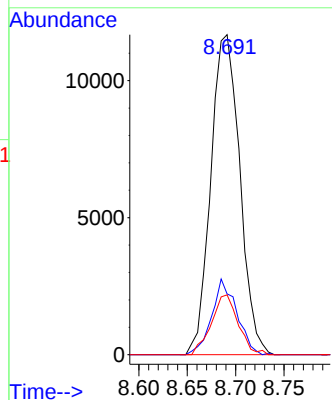
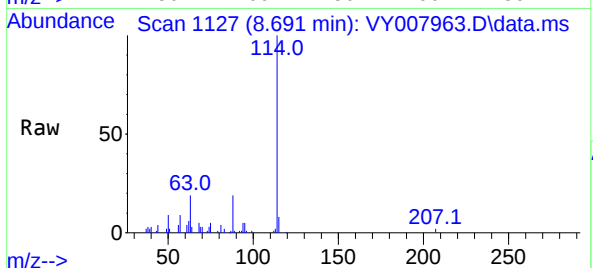
Tgt Ion:114 Resp: 24377

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 18.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.872 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007963.D

Acq: 21 Mar 2022 18:33

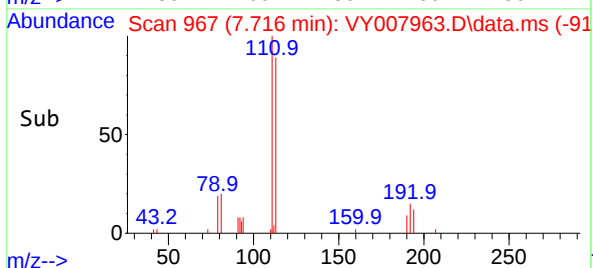
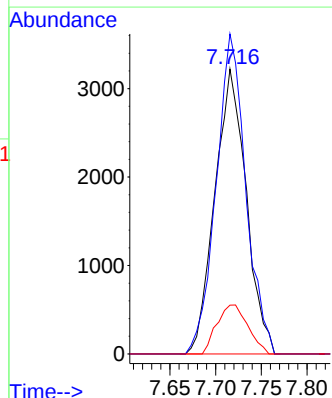
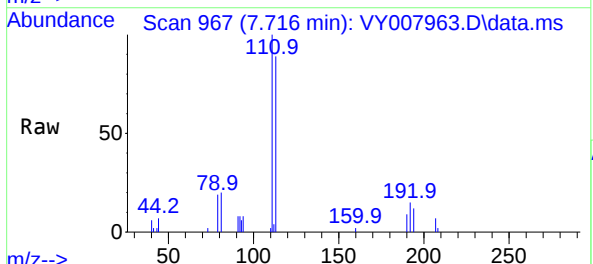
Tgt Ion:113 Resp: 7682

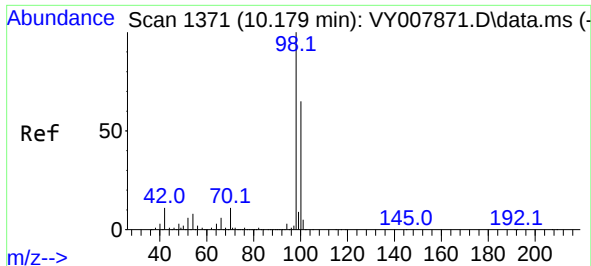
Ion Ratio Lower Upper

113 100

111 106.2 82.6 124.0

192 17.0 17.6 26.4#

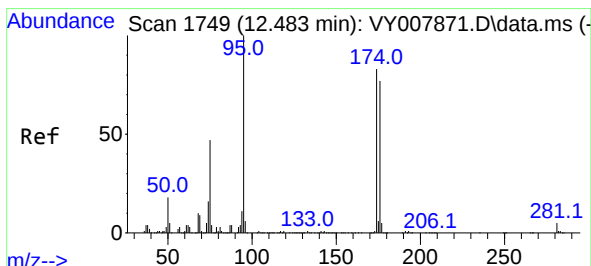
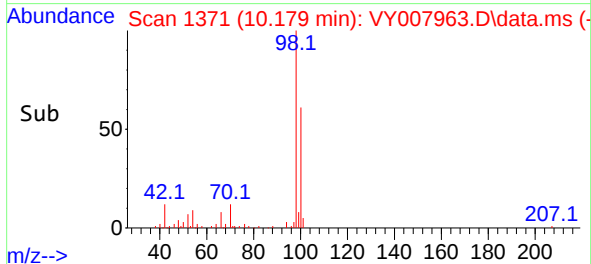
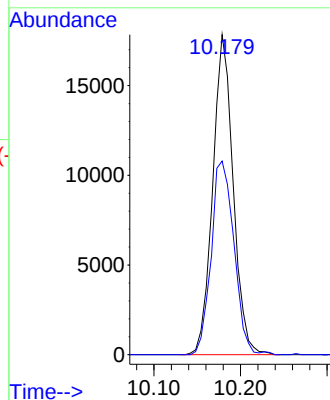
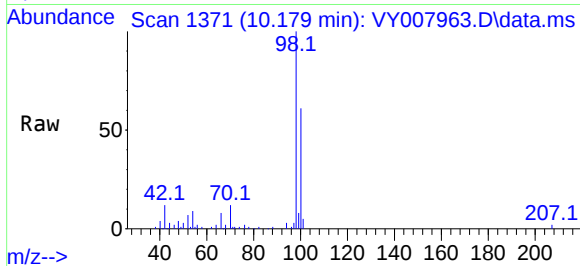




#50
Toluene-d8
Concen: 57.440 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007963.D
Acq: 21 Mar 2022 18:33

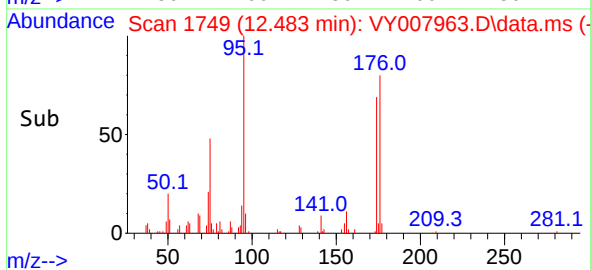
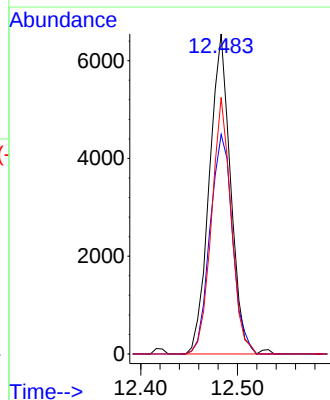
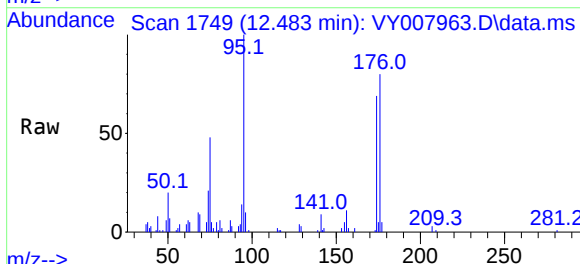
Instrument :
MSVOA_Y
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G-6-4-6-7

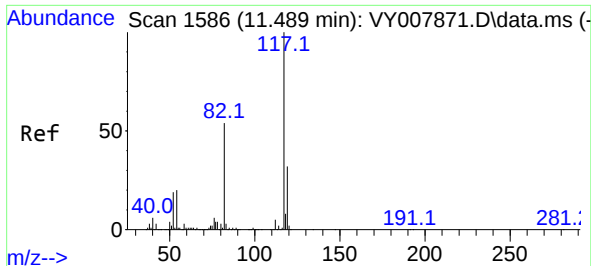
Tgt Ion: 98 Resp: 29239
Ion Ratio Lower Upper
98 100
100 67.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007963.D
Acq: 21 Mar 2022 18:33

Tgt Ion: 95 Resp: 9999
Ion Ratio Lower Upper
95 100
174 72.2 0.0 177.0
176 73.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007963.D

Acq: 21 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

G-6-4-6-7

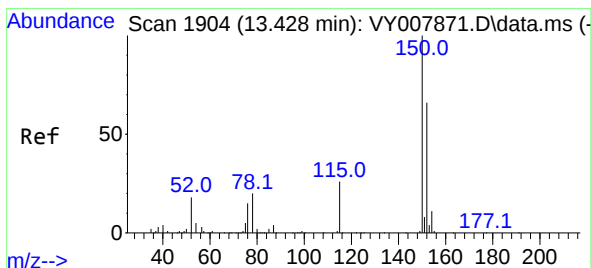
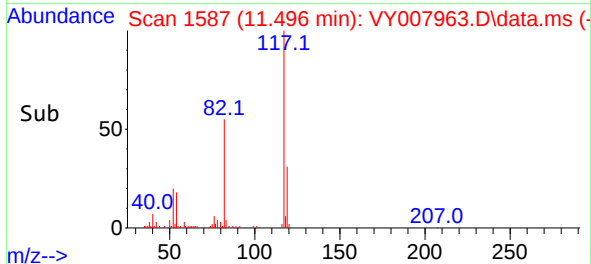
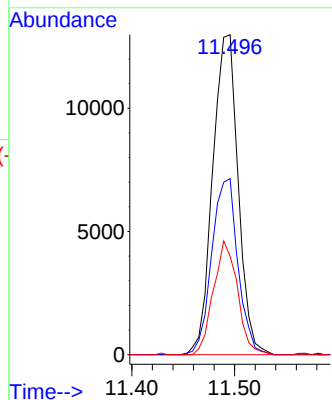
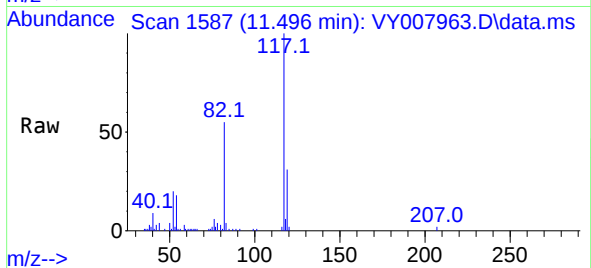
Tgt Ion:117 Resp: 22333

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

119 30.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007963.D

Acq: 21 Mar 2022 18:33

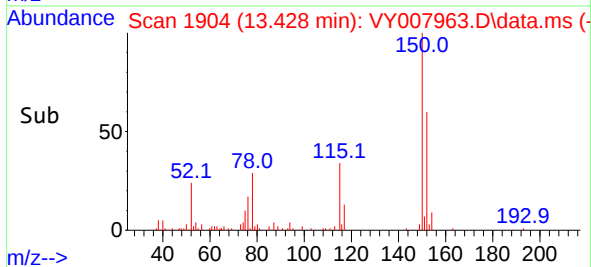
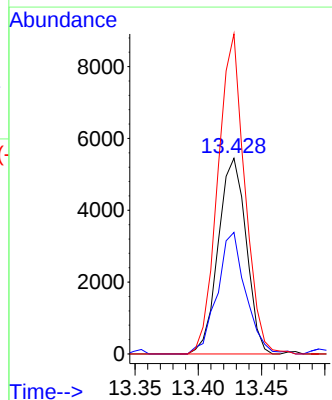
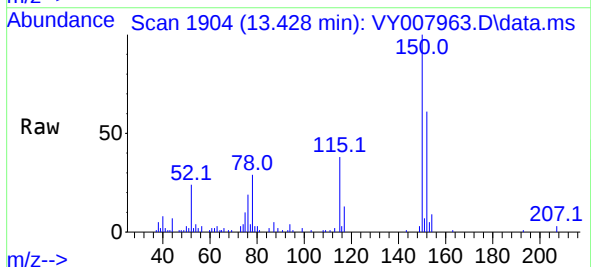
Tgt Ion:152 Resp: 8372

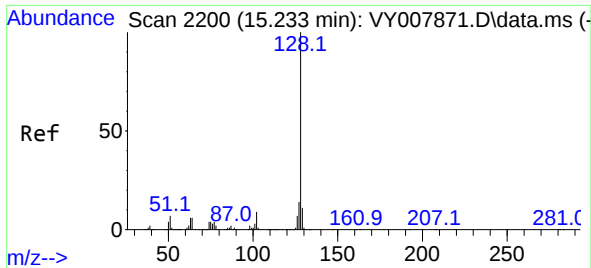
Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 157.8 0.0 347.6





#95
Naphthalene
Concen: 10.639 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007963.D
Acq: 21 Mar 2022 18:33

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	4439
Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.4
129	14.8	8.4	12.6#

