

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009663.D
 Acq On : 22 Jul 2022 16:36
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 23 00:54:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

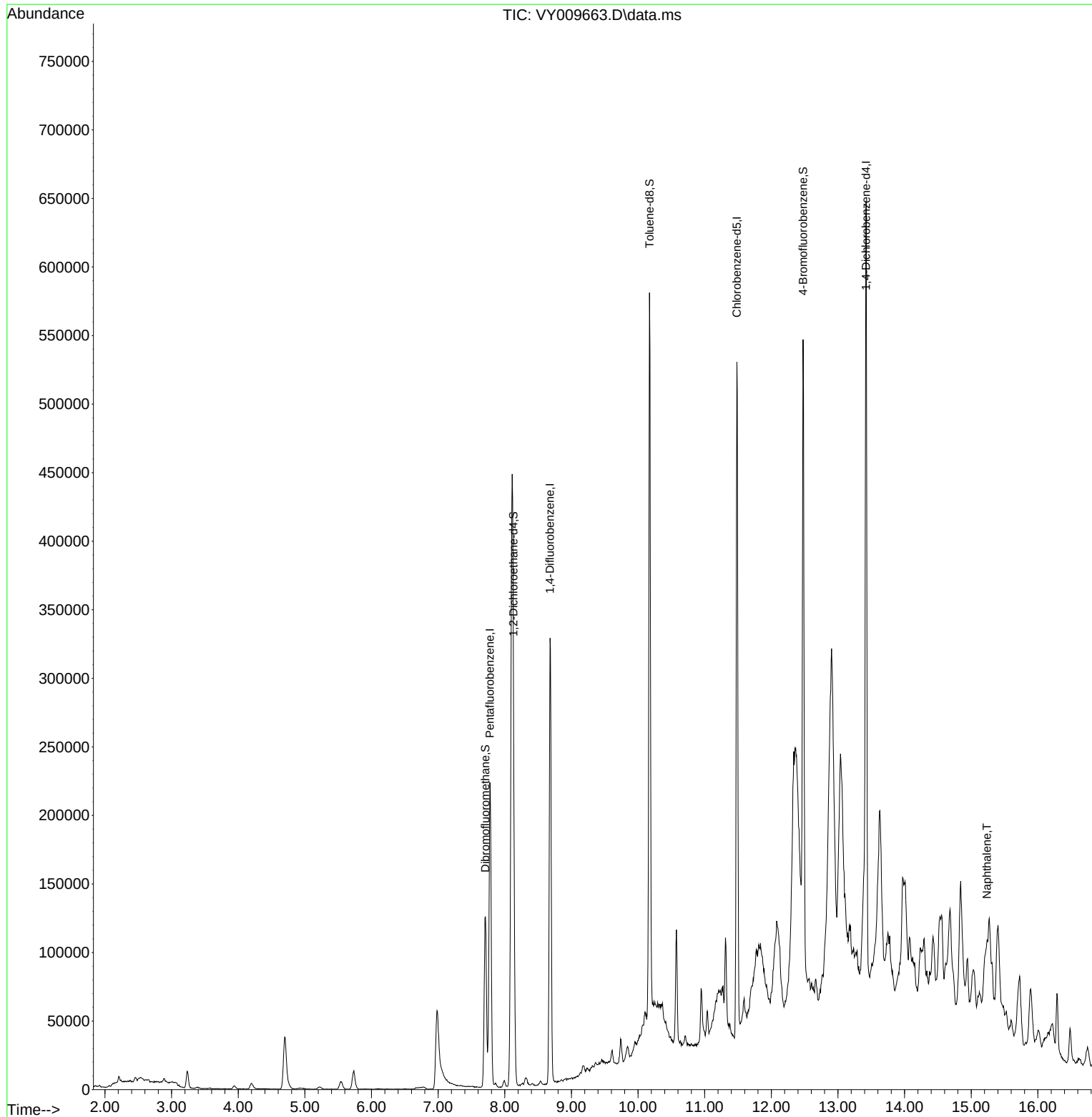
Internal Standards						
1) Pentafluorobenzene	7.777	168	187633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	292933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	283568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	95377	53.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.500%
35) Dibromofluoromethane	7.710	113	89618	48.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.173	98	346515	48.843	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.477	95	123211	53.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	107.200%
Target Compounds						
95) Naphthalene	15.233	128	29761	5.684	ug/l	Qvalue # 88

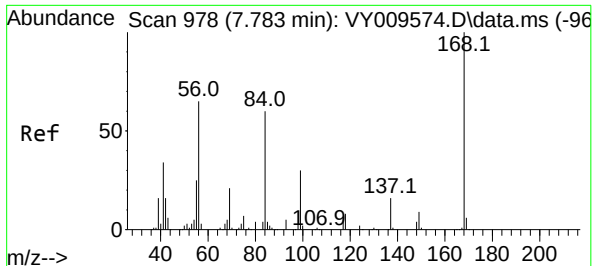
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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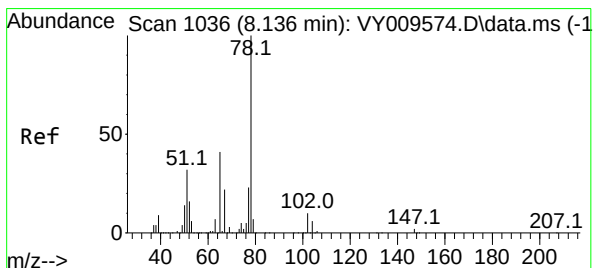
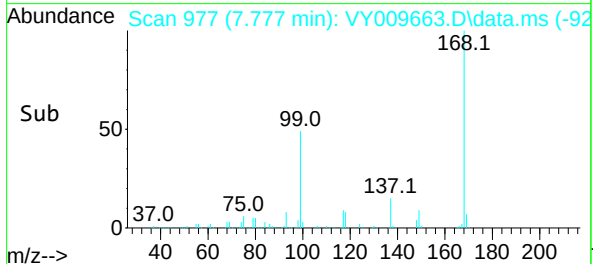
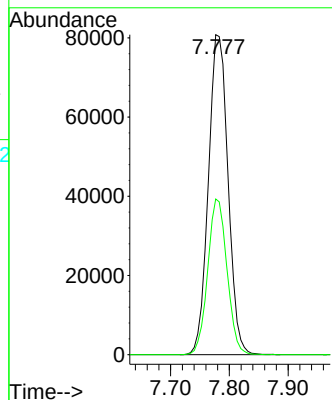
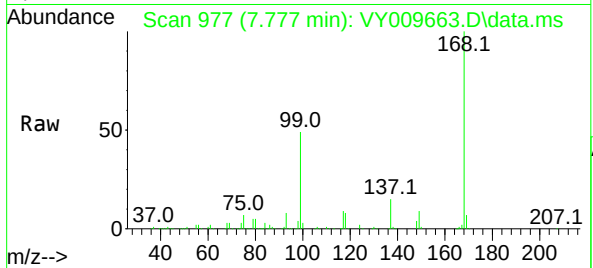




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

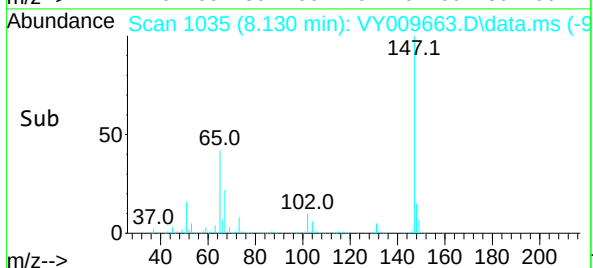
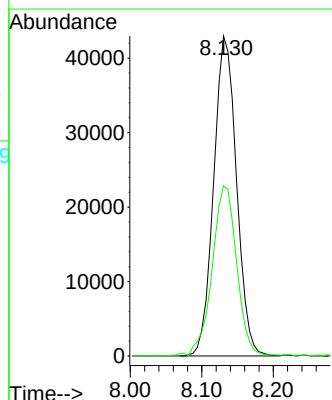
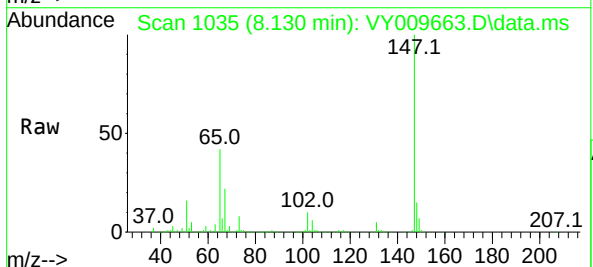
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

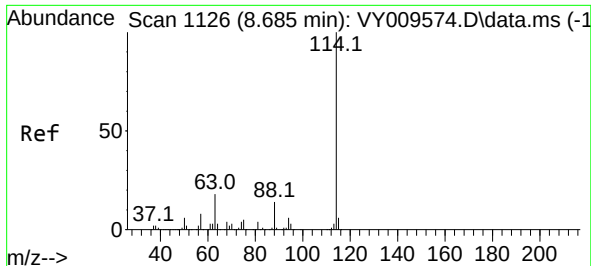
Tgt Ion:168 Resp: 187633
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.747 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

Tgt Ion: 65 Resp: 95377
Ion Ratio Lower Upper
65 100
67 57.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009663.D

Acq: 22 Jul 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

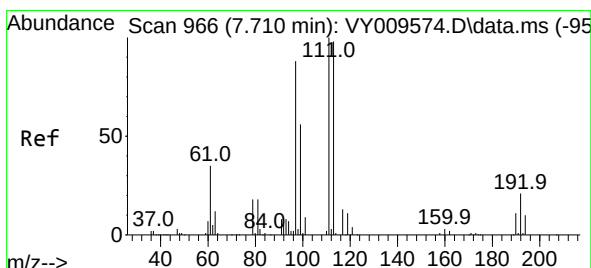
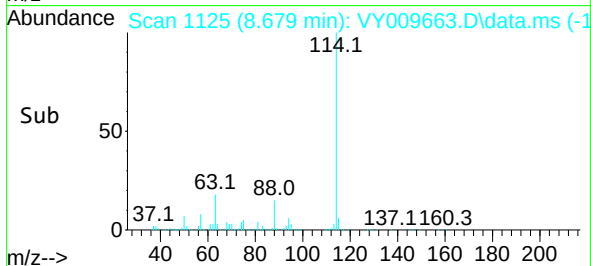
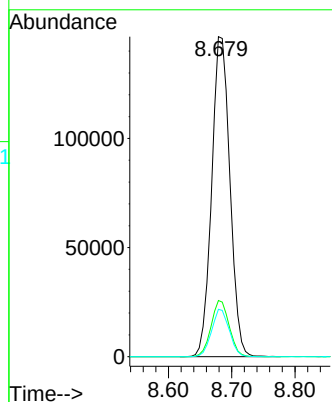
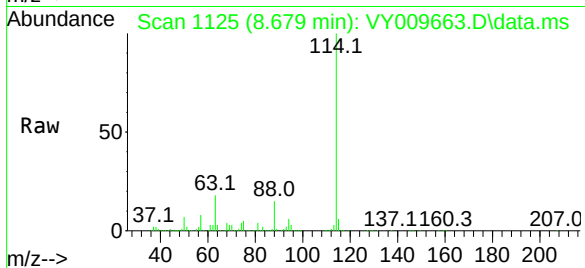
Tgt Ion:114 Resp: 292933

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.561 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009663.D

Acq: 22 Jul 2022 16:36

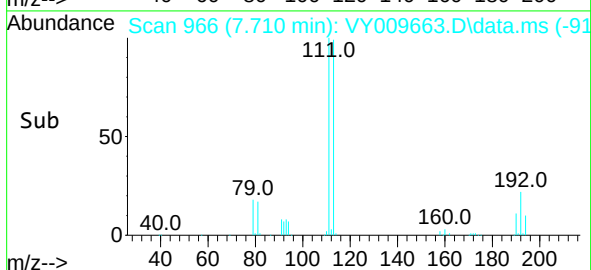
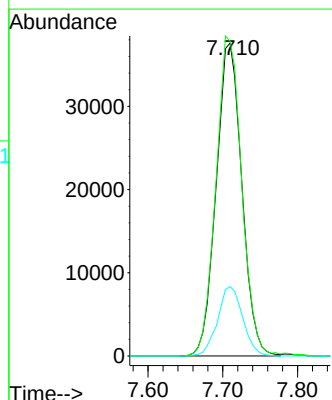
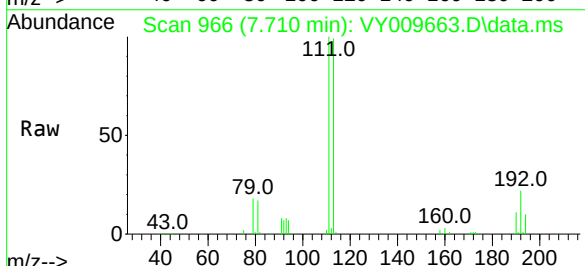
Tgt Ion:113 Resp: 89618

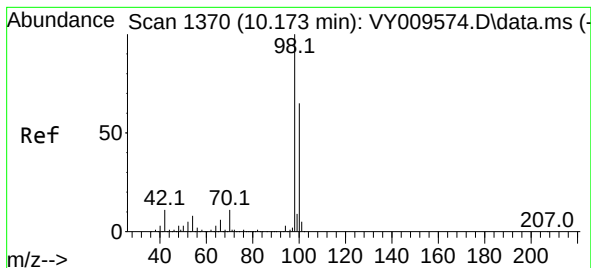
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.7 17.6 26.4

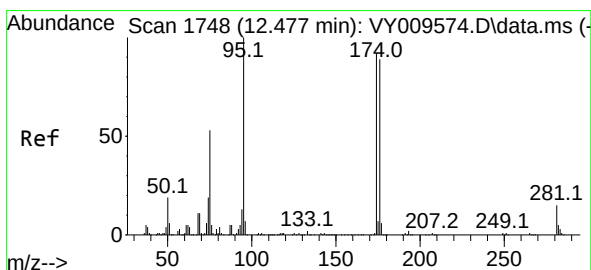
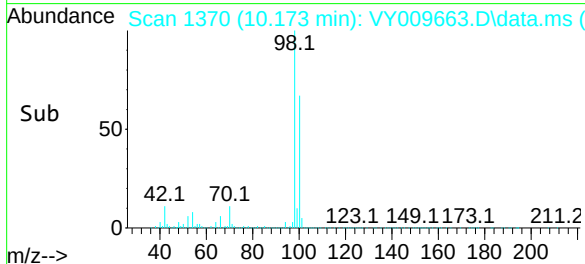
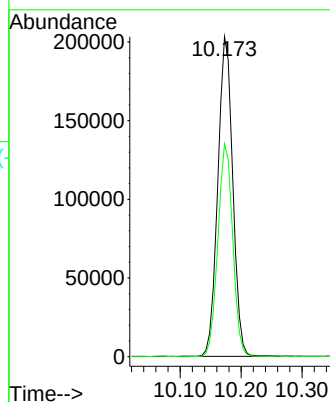
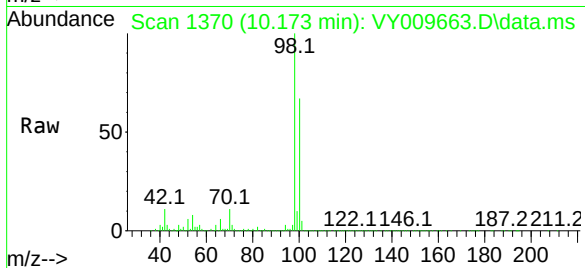




#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

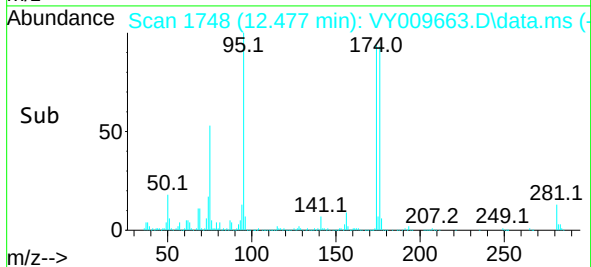
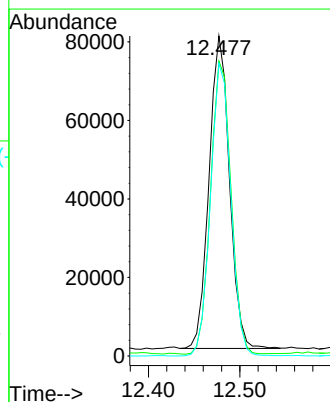
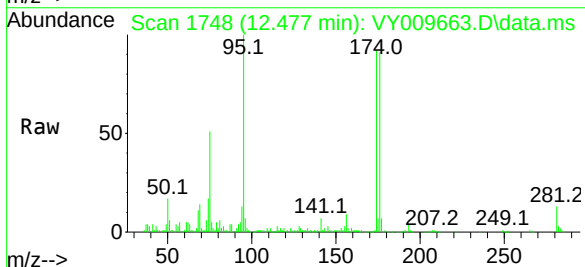
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

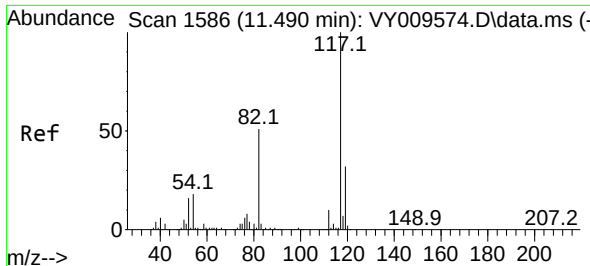
Tgt Ion: 98 Resp: 346515
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.597 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

Tgt Ion: 95 Resp: 123211
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 93.3 0.0 175.8

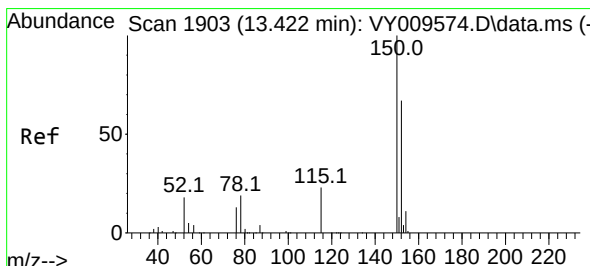
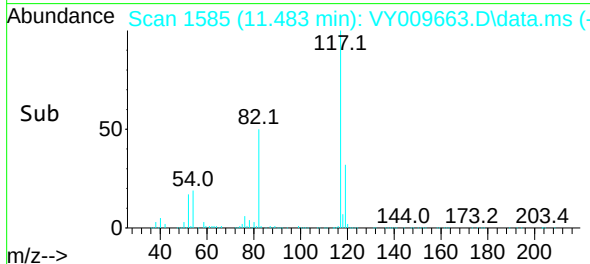
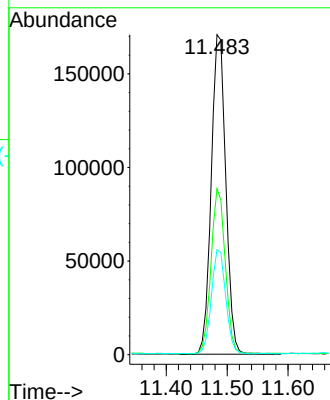
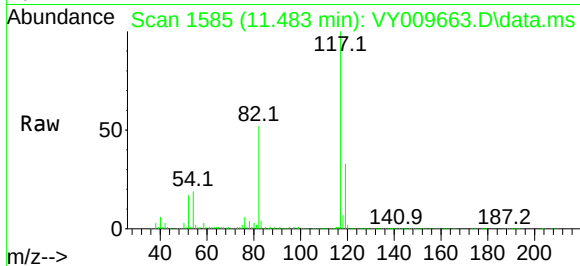




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

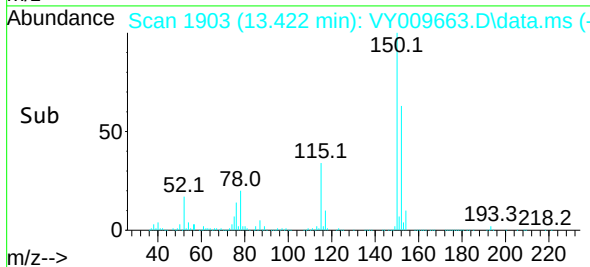
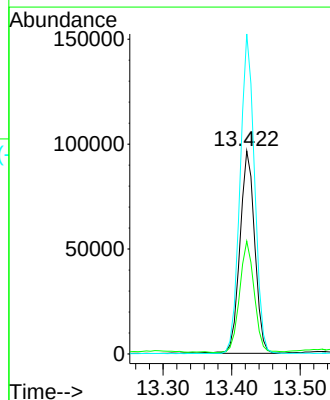
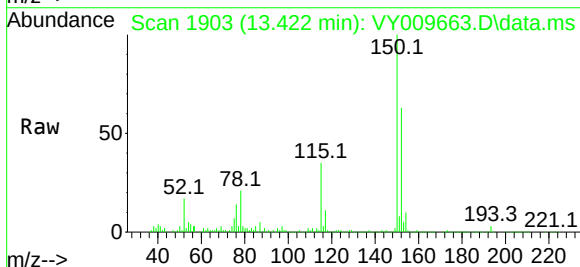
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

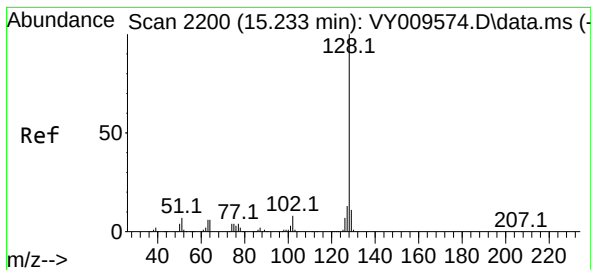
Tgt Ion:117 Resp: 283568
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009663.D
Acq: 22 Jul 2022 16:36

Tgt Ion:152 Resp: 145231
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 154.0 0.0 347.6





#95

Naphthalene

Concen: 5.684 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009663.D

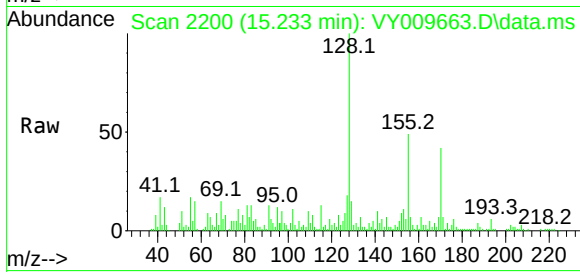
Acq: 22 Jul 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 29761

Ion Ratio Lower Upper

128 100

127 10.2 11.0 16.4#

129 4.7 8.4 12.6#

