

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009619.D
 Acq On : 20 Jul 2022 17:53
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 21 02:15:32 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)

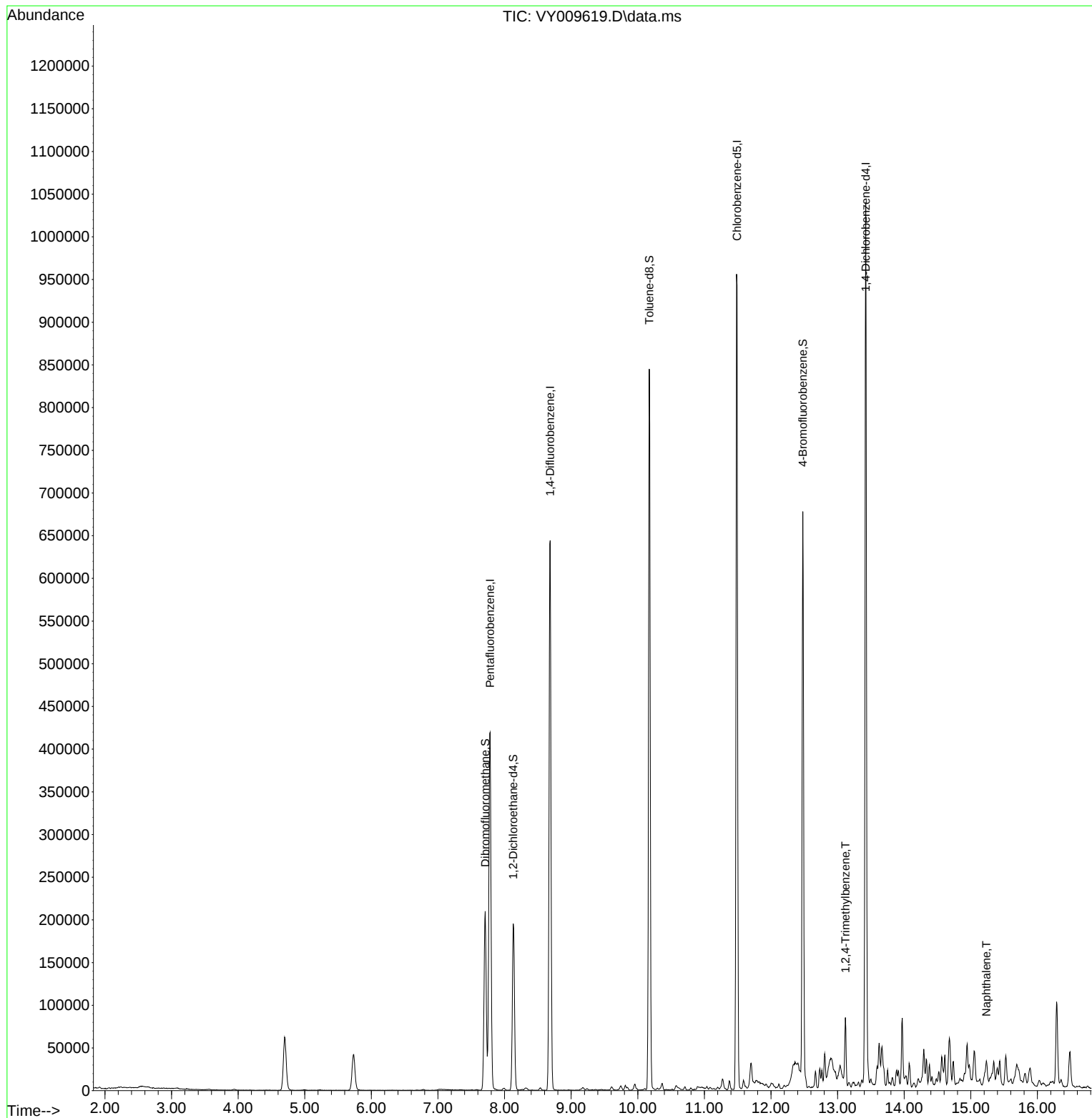
Internal Standards						
1) Pentafluorobenzene	7.783	168	356817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	555417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	279405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	151548	44.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.820%
35) Dibromofluoromethane	7.710	113	148923	40.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.040%
50) Toluene-d8	10.173	98	574752	40.179	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.360%
62) 4-Bromofluorobenzene	12.477	95	205270	44.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	88.580%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	41973	2.626	ug/l	96
95) Naphthalene	15.233	128	20362	2.021	ug/l	97

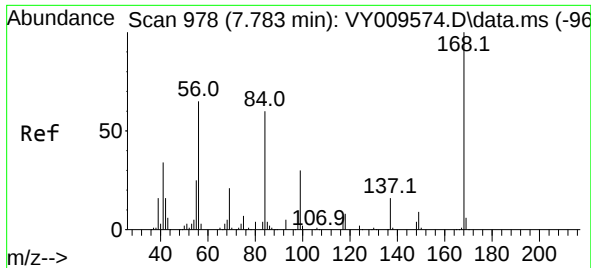
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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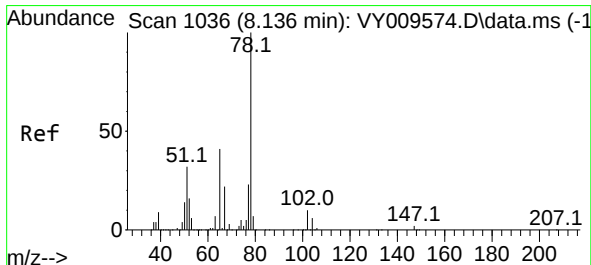
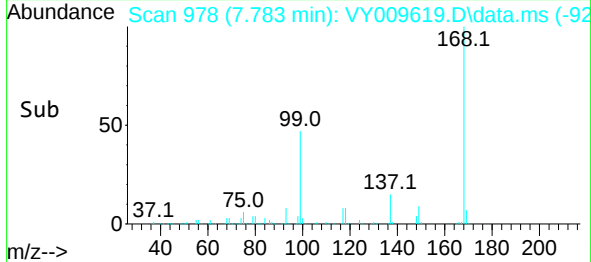
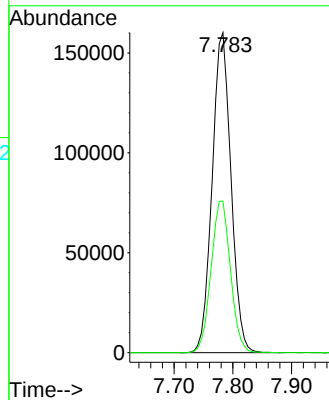
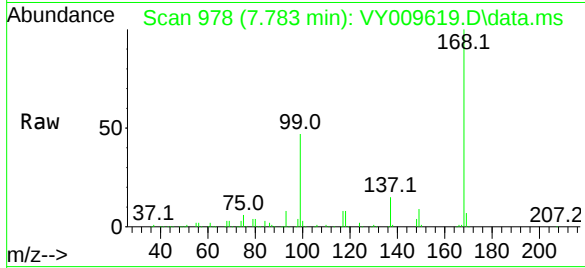




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

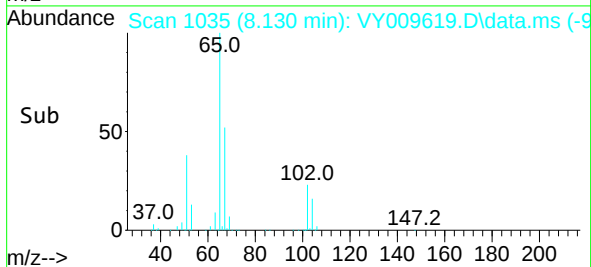
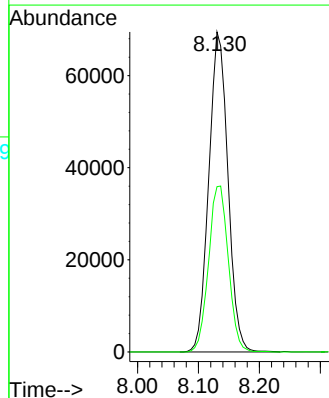
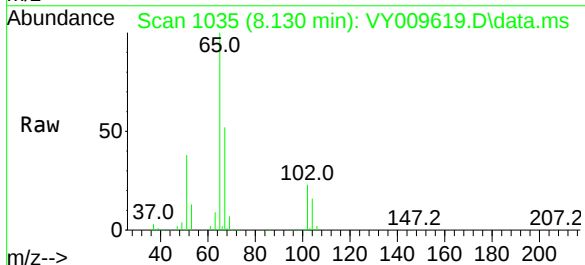
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

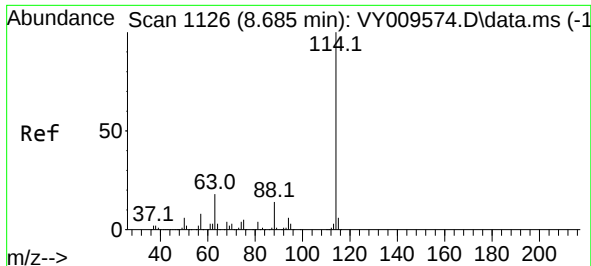
Tgt Ion:168 Resp: 356817
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.908 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

Tgt Ion: 65 Resp: 151548
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009619.D

Acq: 20 Jul 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

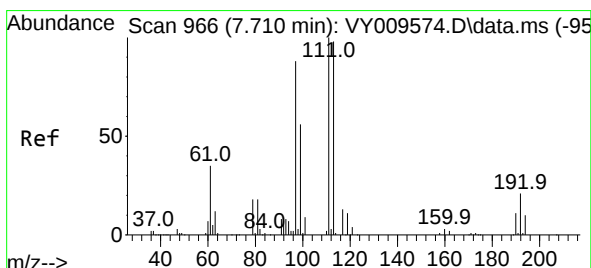
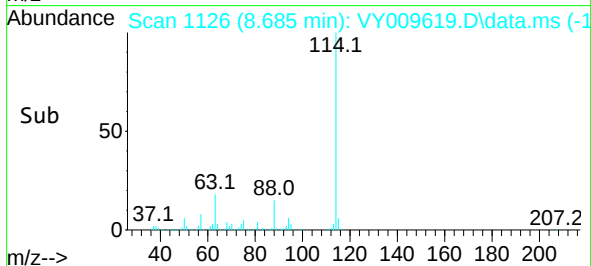
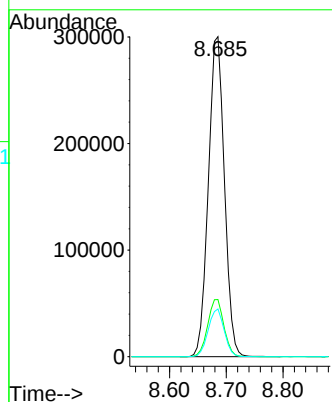
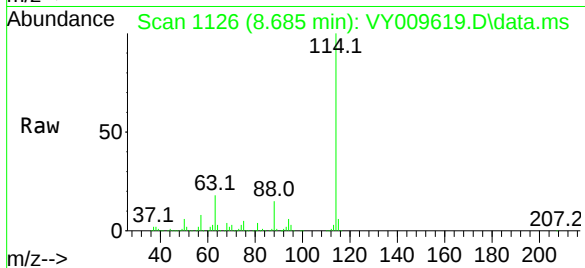
Tgt Ion:114 Resp: 590641

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.022 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009619.D

Acq: 20 Jul 2022 17:53

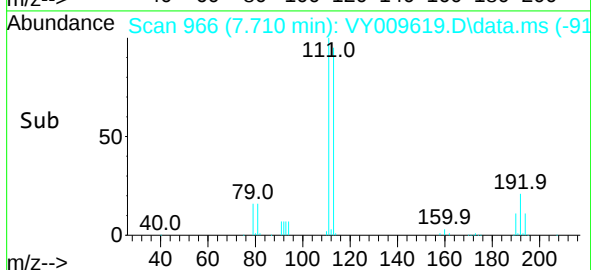
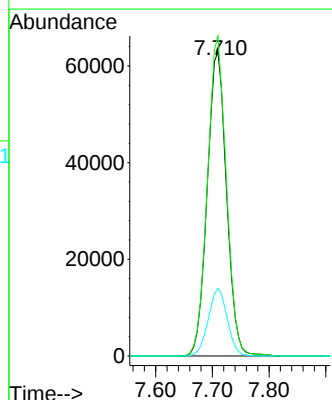
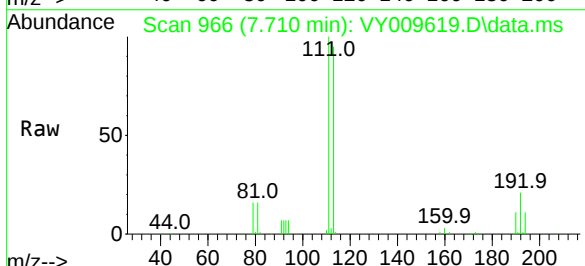
Tgt Ion:113 Resp: 148923

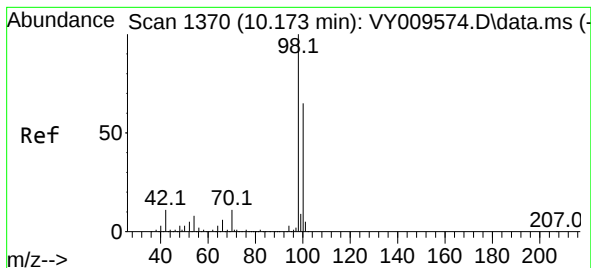
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.8 17.6 26.4

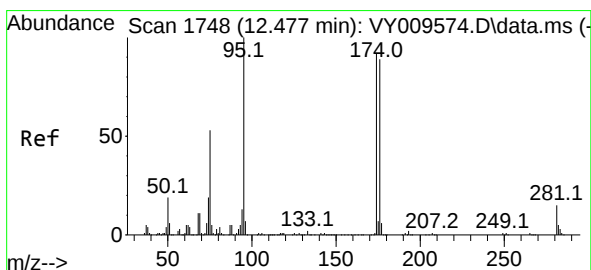
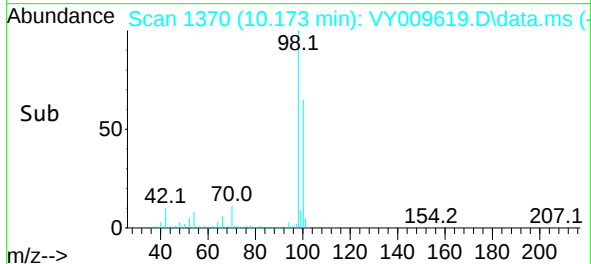
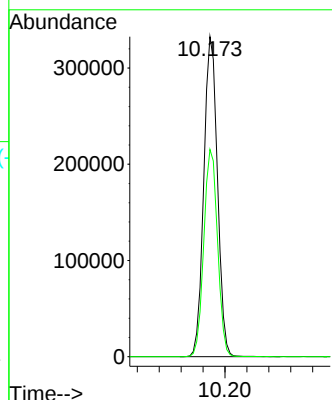
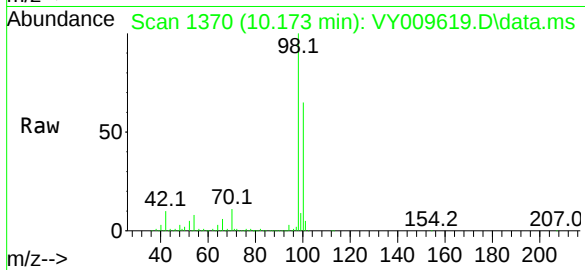




#50
Toluene-d8
Concen: 40.179 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

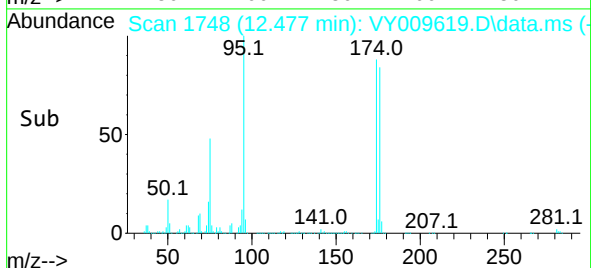
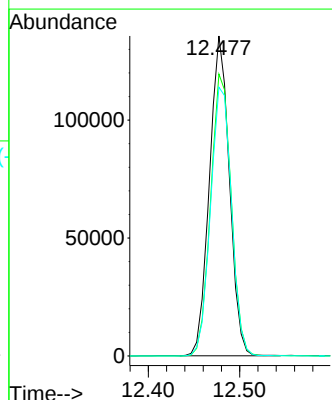
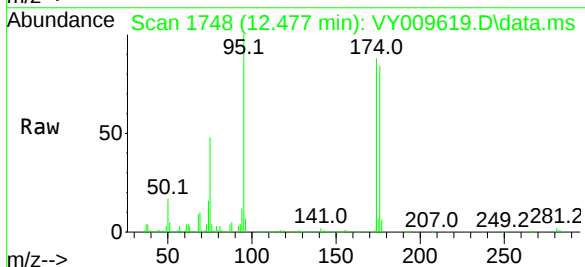
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

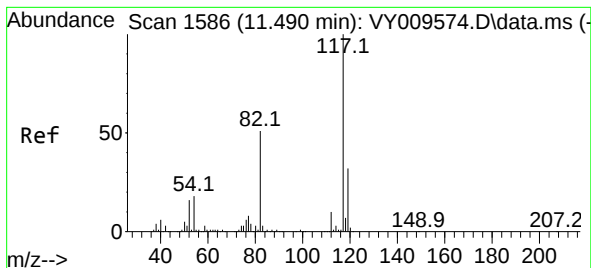
Tgt Ion: 98 Resp: 574752
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

Tgt Ion: 95 Resp: 205270
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009619.D

Acq: 20 Jul 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

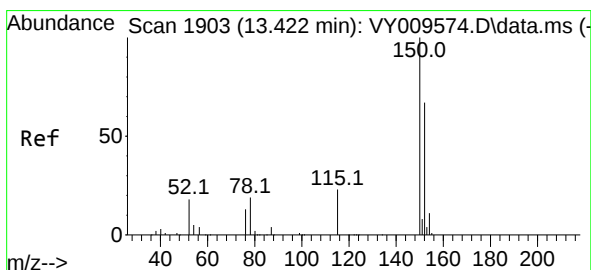
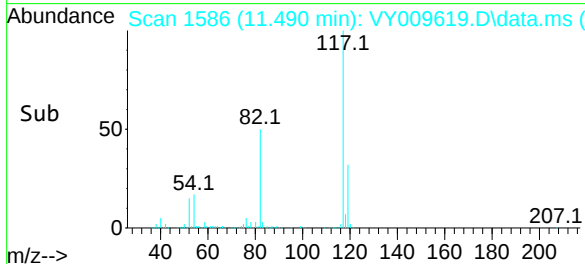
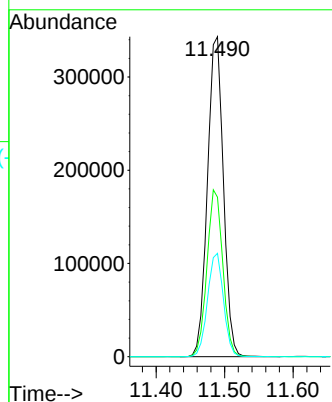
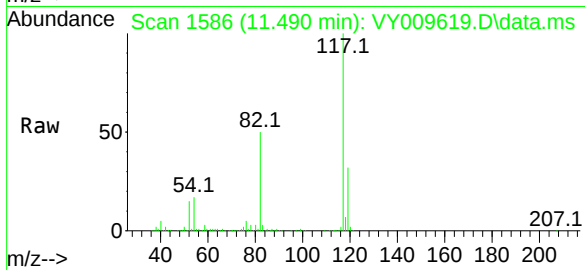
Tgt Ion:117 Resp: 555417

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 32.3 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: VY009619.D

Acq: 20 Jul 2022 17:53

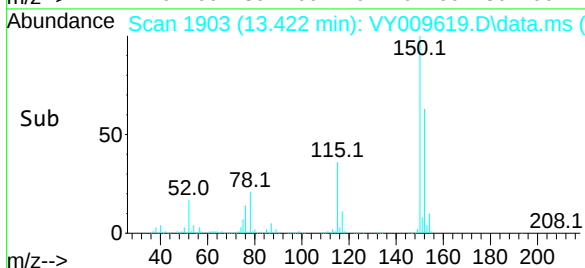
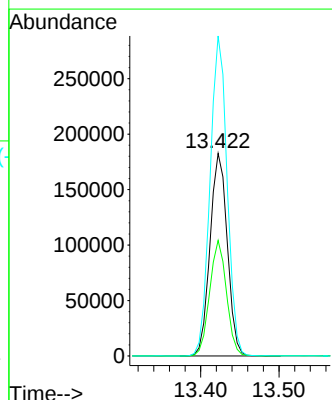
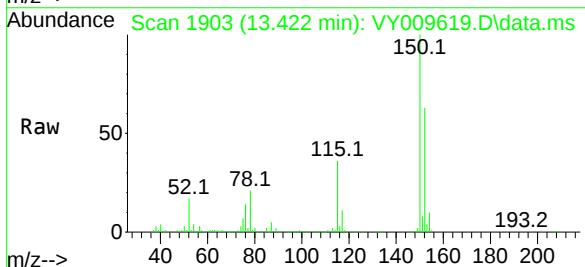
Tgt Ion:152 Resp: 279405

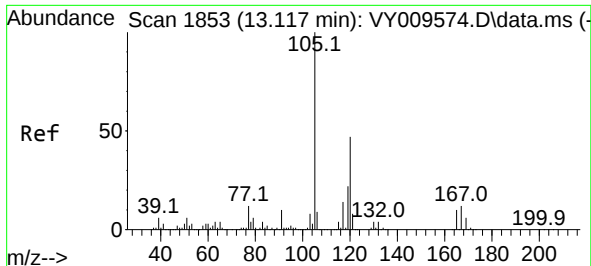
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 156.1 0.0 347.6

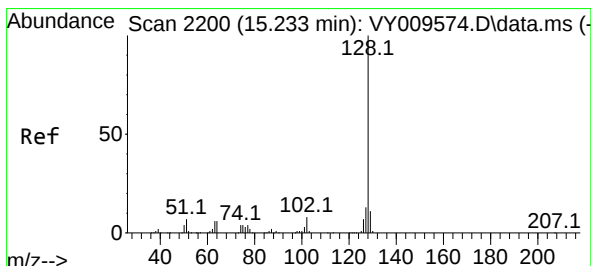
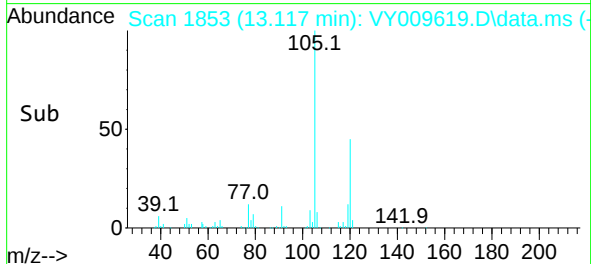
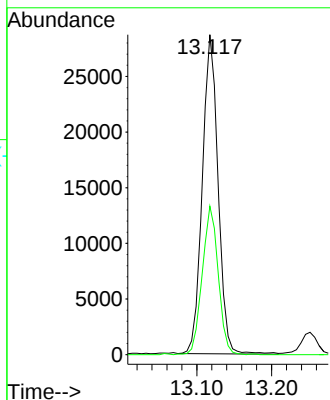
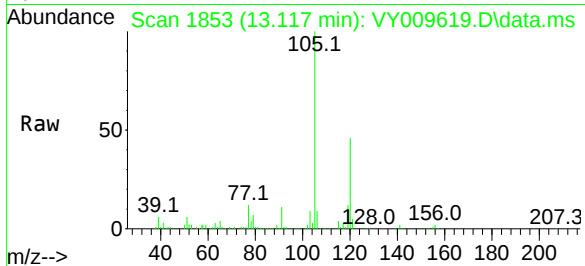




#84
1,2,4-Trimethylbenzene
Concen: 2.626 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 41973
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9



#95
Naphthalene
Concen: 2.021 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY009619.D
Acq: 20 Jul 2022 17:53

Tgt Ion:128 Resp: 20362
Ion Ratio Lower Upper
128 100
127 14.8 11.0 16.4
129 11.7 8.4 12.6

