

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009438.D
 Acq On : 05 Jul 2022 15:31
 Operator : KP/MD
 Sample : N3564-19
 Misc : 3.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-6-GR

Quant Time: Jul 06 04:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

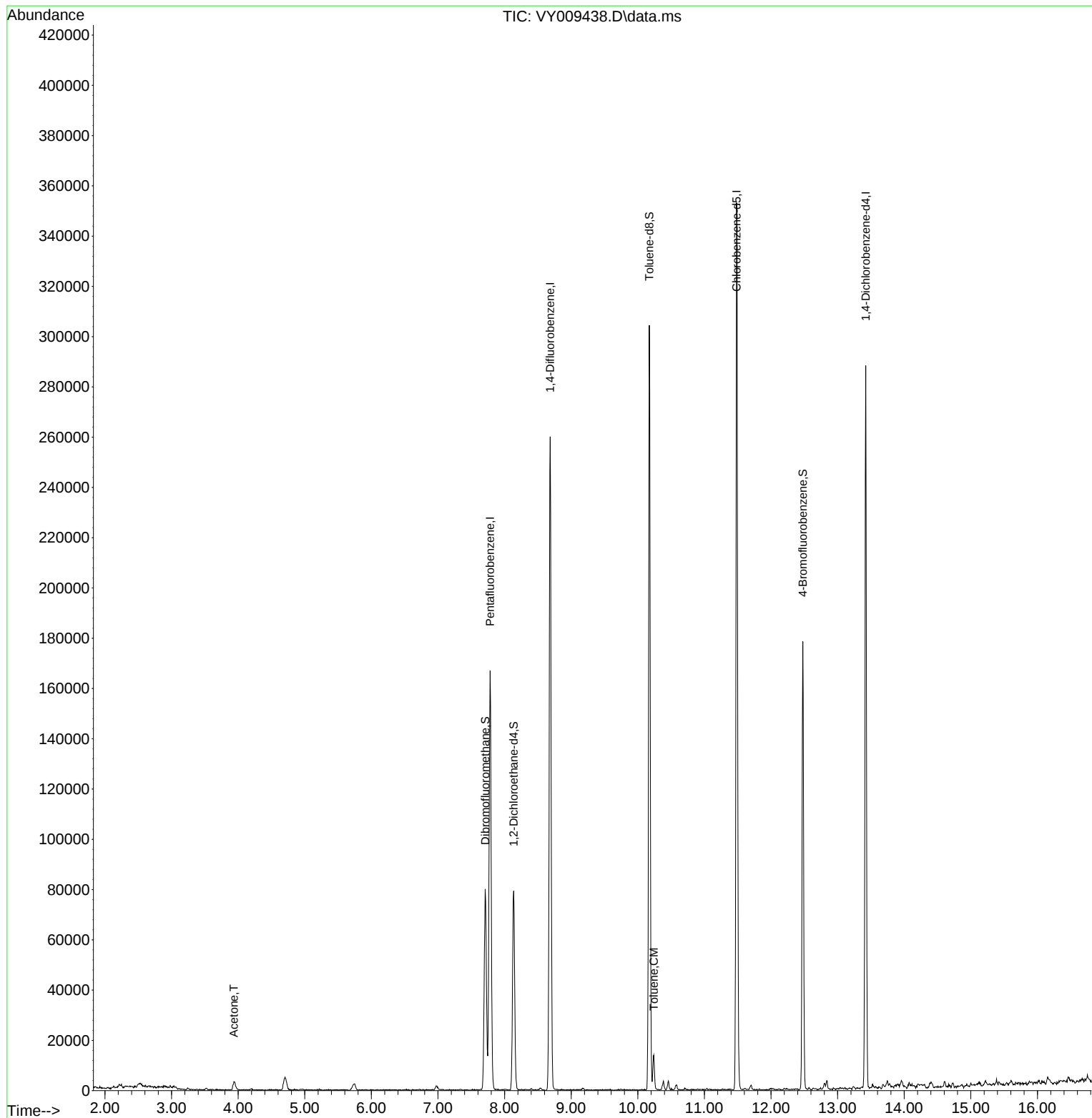
Internal Standards						
1) Pentafluorobenzene	7.783	168	126898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	189497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60827	59.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.700%
35) Dibromofluoromethane	7.710	113	53171	44.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.920%
50) Toluene-d8	10.173	98	190815	52.036	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.477	95	51228	29.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	58.920%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	5376	16.105	ug/l #	74
52) Toluene	10.240	92	5327	1.381	ug/l	97

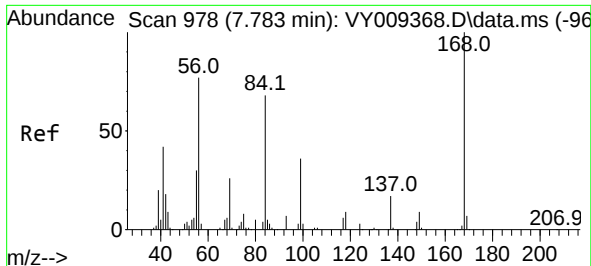
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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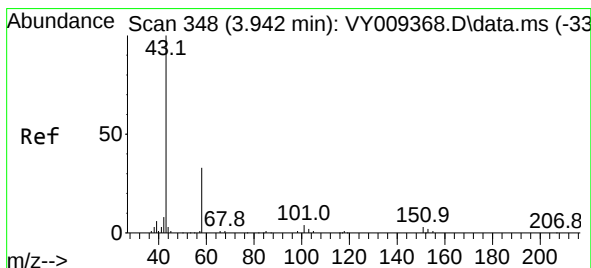
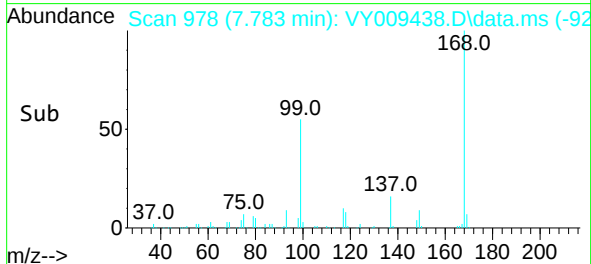
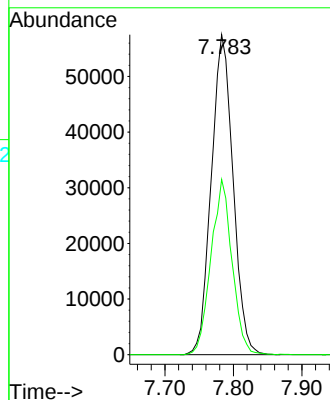
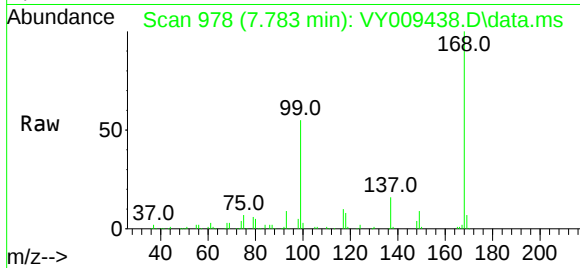




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009438.D
Acq: 05 Jul 2022 15:31

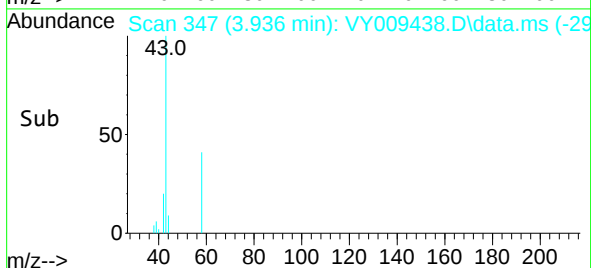
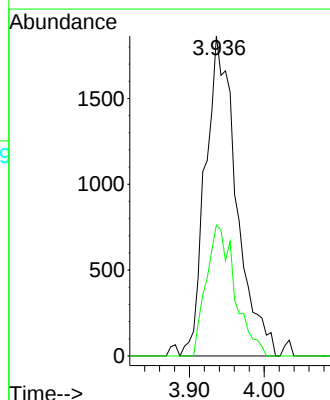
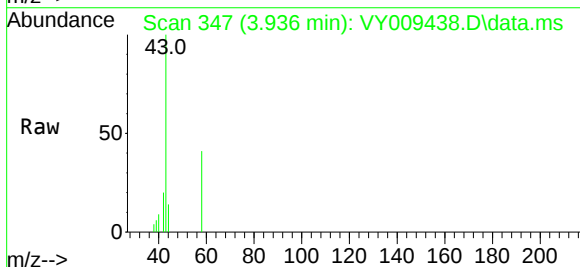
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-6-GR

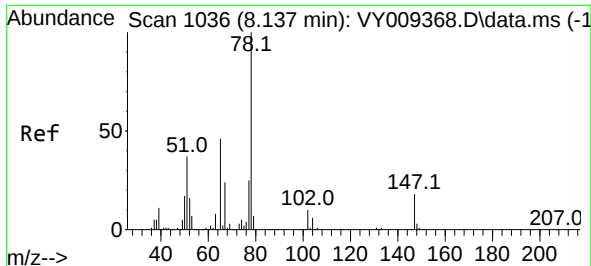
Tgt Ion:168 Resp: 126898
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 16.105 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009438.D
Acq: 05 Jul 2022 15:31

Tgt Ion: 43 Resp: 5376
Ion Ratio Lower Upper
43 100
58 40.9 22.0 33.0#

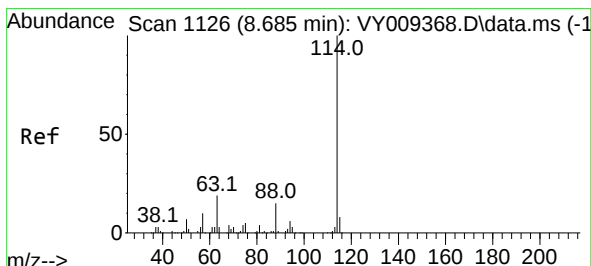
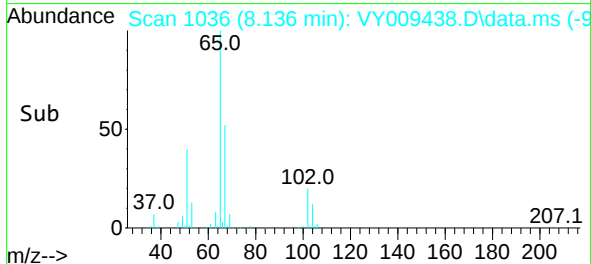
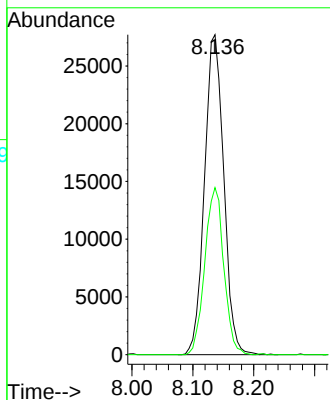
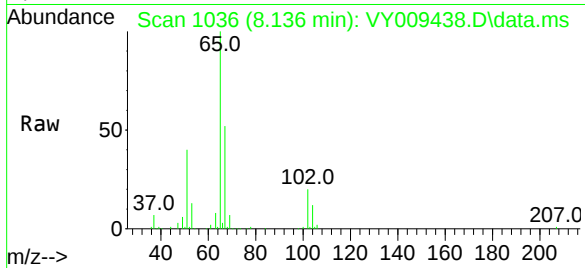




#33
 1,2-Dichloroethane-d4
 Concen: 59.845 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009438.D
 Acq: 05 Jul 2022 15:31

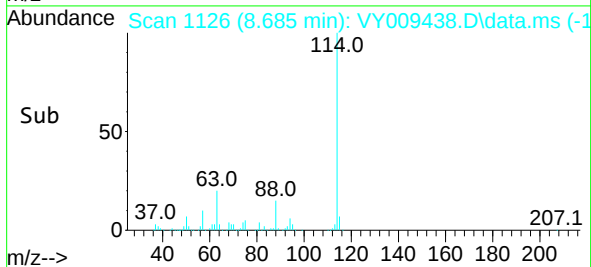
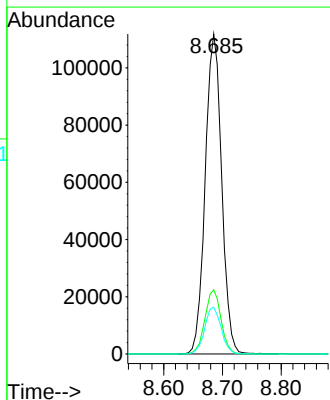
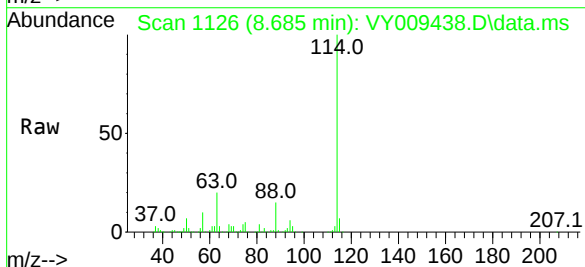
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-6-GR

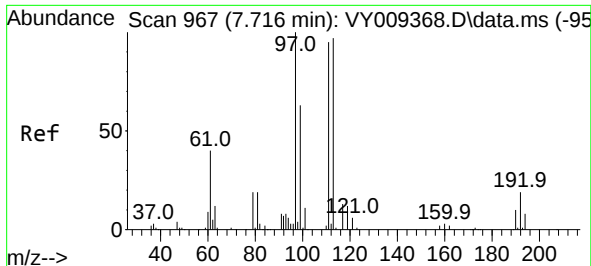
Tgt Ion: 65 Resp: 60827
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009438.D
 Acq: 05 Jul 2022 15:31

Tgt Ion: 114 Resp: 217308
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 14.6 0.0 31.8

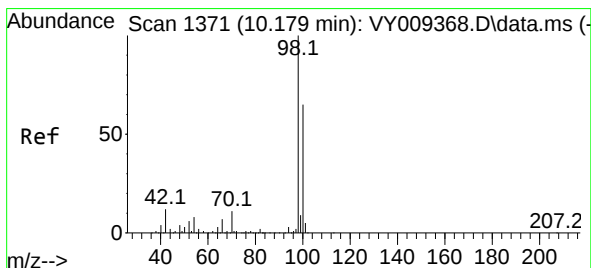
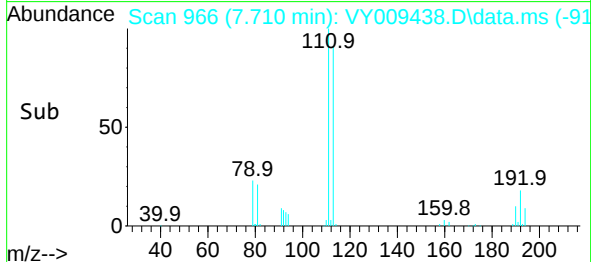
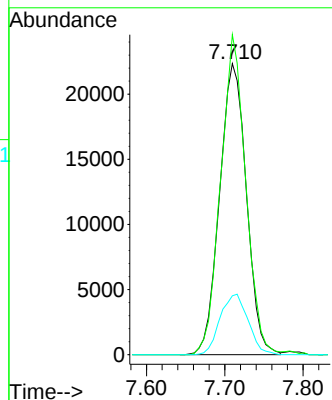
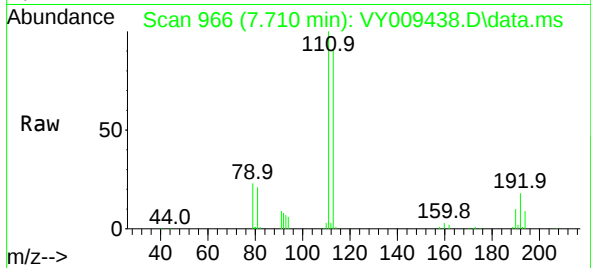




#35
 Dibromofluoromethane
 Concen: 44.457 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009438.D
 Acq: 05 Jul 2022 15:31

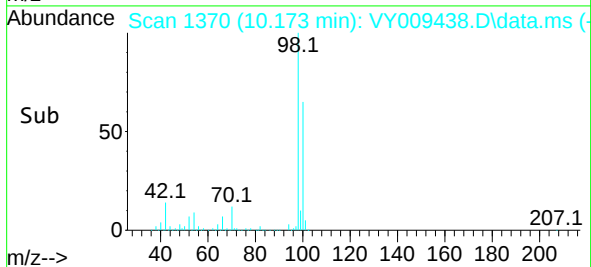
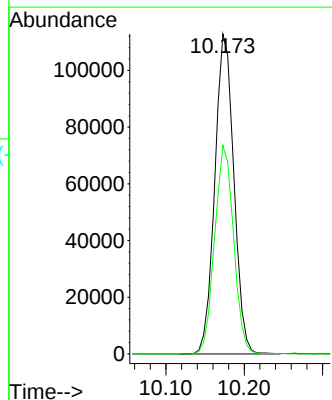
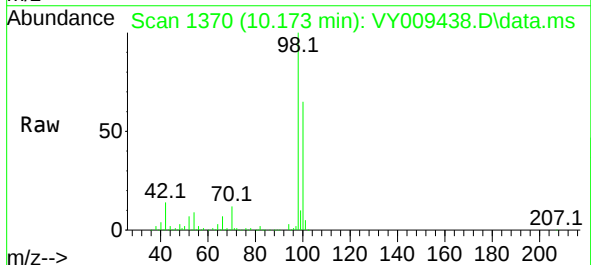
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-6-GR

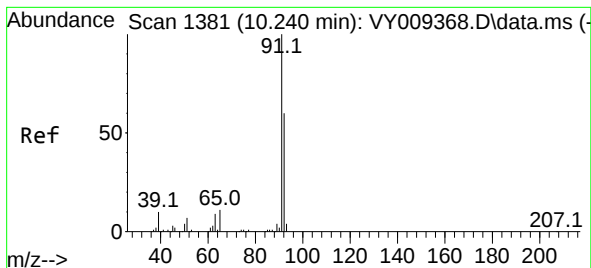
Tgt Ion:113 Resp: 53171
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 124.0
 192 21.7 17.6 26.4



#50
 Toluene-d8
 Concen: 52.036 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.006 min
 Lab File: VY009438.D
 Acq: 05 Jul 2022 15:31

Tgt Ion: 98 Resp: 190815
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.2 75.2





#52

Toluene

Concen: 1.381 ug/l

RT: 10.240 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009438.D

Acq: 05 Jul 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

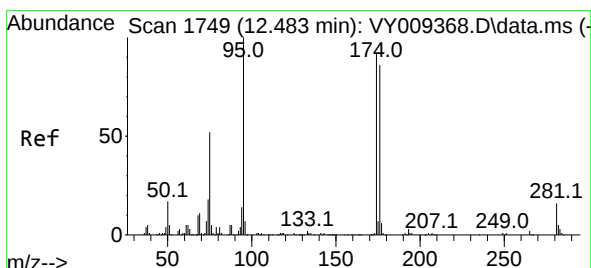
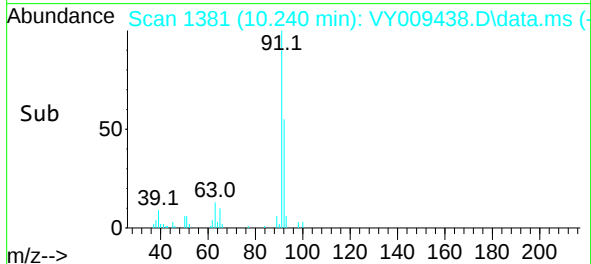
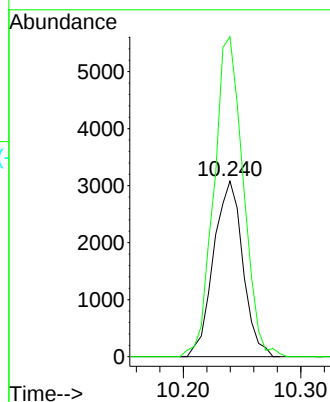
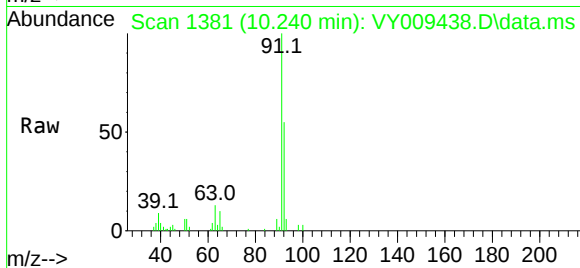
WC-16-2-6-GR

Tgt Ion: 92 Resp: 5327

Ion Ratio Lower Upper

92 100

91 182.1 142.6 213.8



#62

4-Bromofluorobenzene

Concen: 29.456 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009438.D

Acq: 05 Jul 2022 15:31

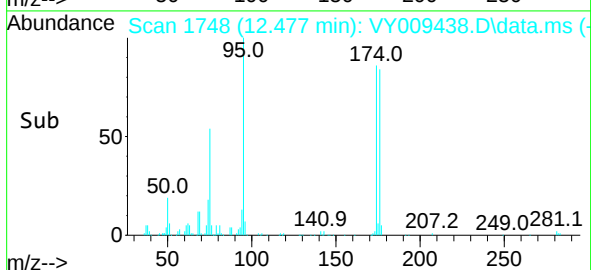
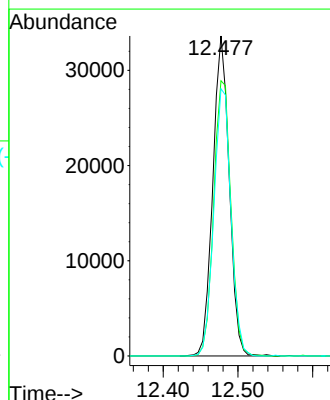
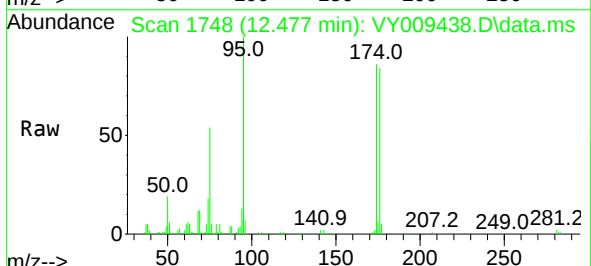
Tgt Ion: 95 Resp: 51228

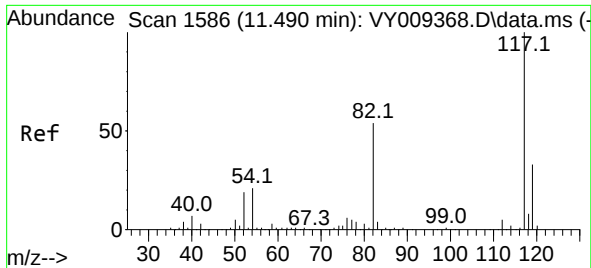
Ion Ratio Lower Upper

95 100

174 90.3 0.0 177.0

176 87.0 0.0 175.8

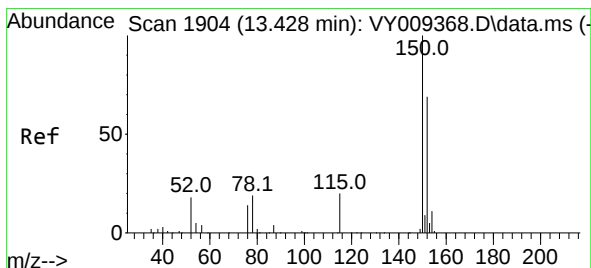
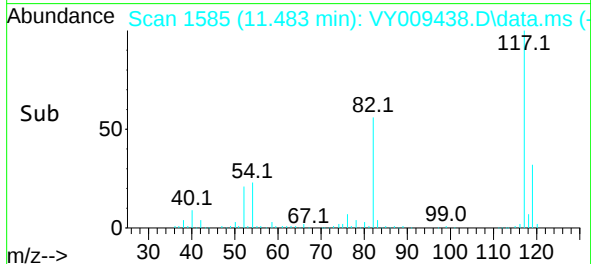
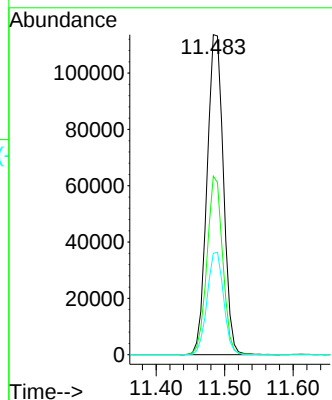
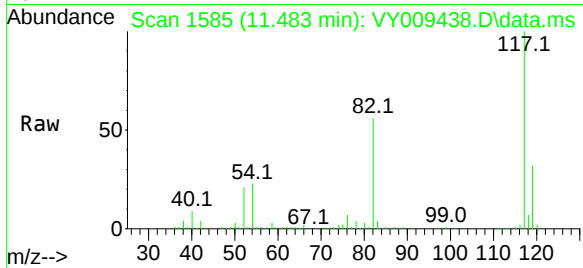




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009438.D
Acq: 05 Jul 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-6-GR

Tgt Ion:117 Resp: 189497
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.7 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: VY009438.D
Acq: 05 Jul 2022 15:31

Tgt Ion:152 Resp: 68518
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 162.5 0.0 347.6

