

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009103.D
 Acq On : 25 May 2022 20:24
 Operator : KP/MD
 Sample : N3001-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01-COMP

Quant Time: May 26 04:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

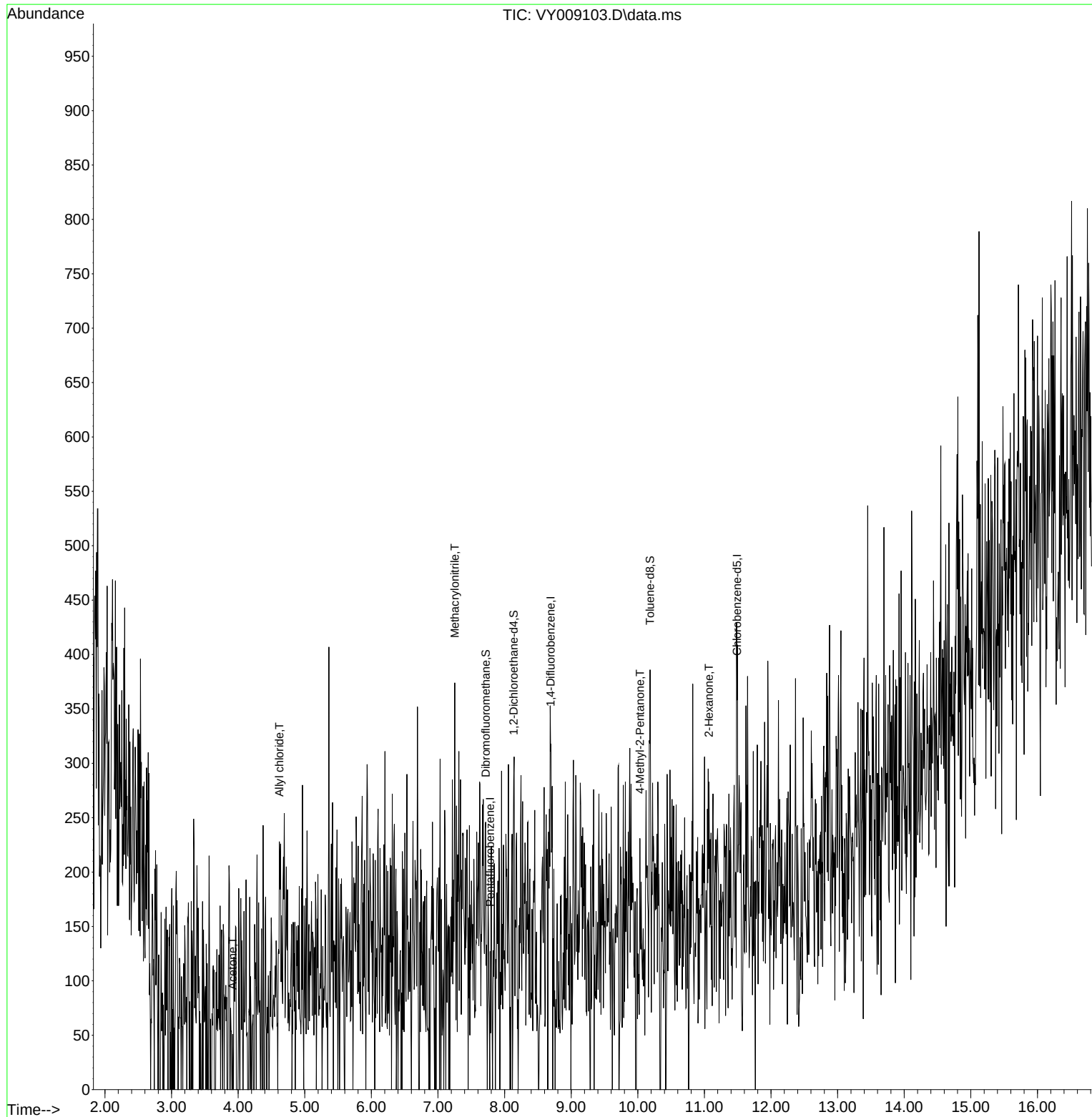
Internal Standards						
1) Pentafluorobenzene	7.783	168	25	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53	205.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	411.980%#
35) Dibromofluoromethane	7.716	113	19	15.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	32.000%#
50) Toluene-d8	10.185	98	222	50.666	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.340%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
14) Allyl chloride	4.619	41	20	56.438	ug/l #	22
16) Acetone	3.918	43	19	354.756	ug/l #	47
41) Methacrylonitrile	7.252	41	61	112.744	ug/l #	1
51) 4-Methyl-2-Pentanone	10.032	43	28	25.951	ug/l #	40
59) 2-Hexanone	11.069	43	20	27.073	ug/l #	28

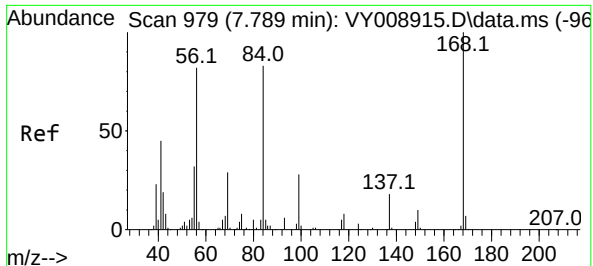
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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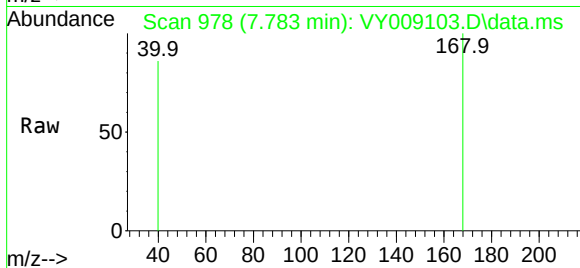
Quant Time: May 26 04:32:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration



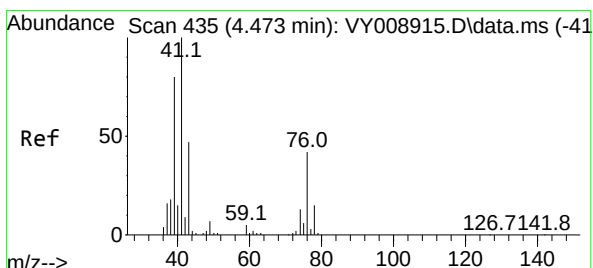
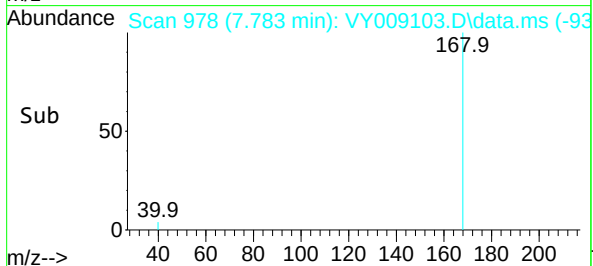
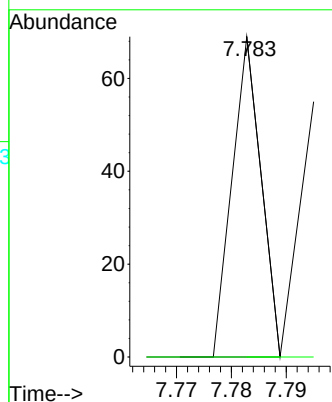


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

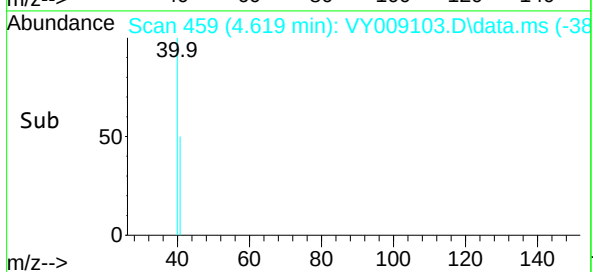
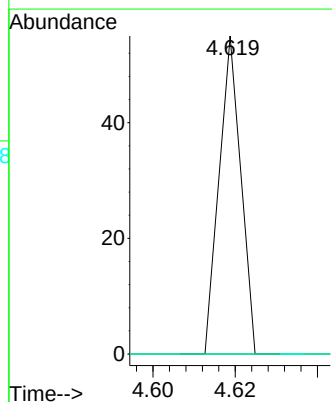
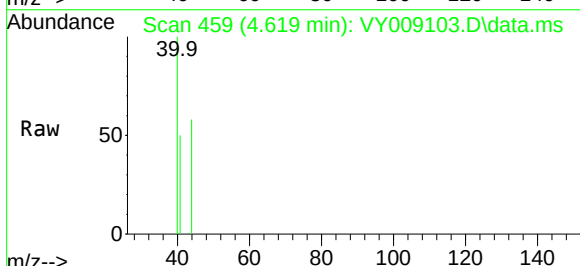


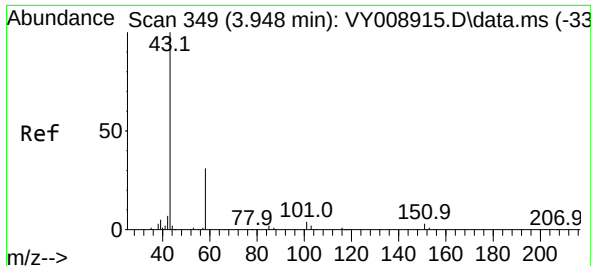
Tgt Ion:168 Resp: 25
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#14
Allyl chloride
Concen: 56.438 ug/l
RT: 4.619 min Scan# 459
Delta R.T. 0.146 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#

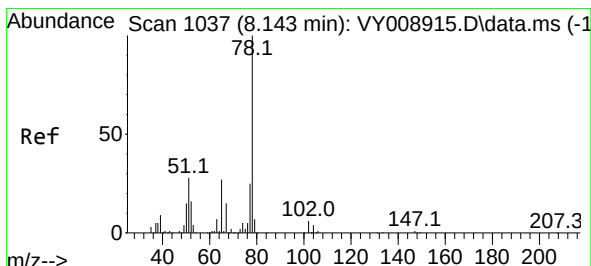
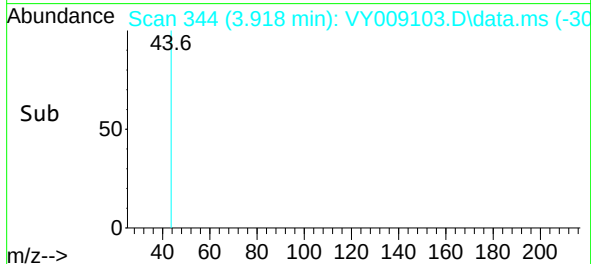
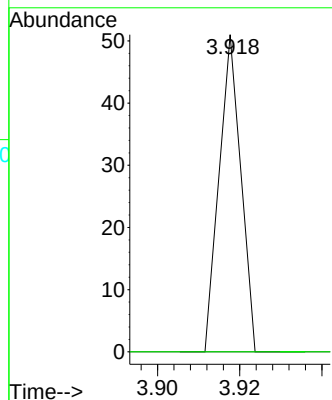
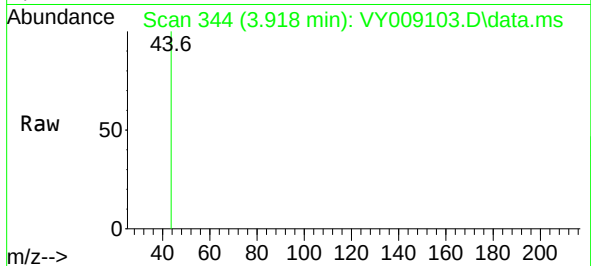




#16
Acetone
Concen: 354.756 ug/l
RT: 3.918 min Scan# 34
Delta R.T. -0.030 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

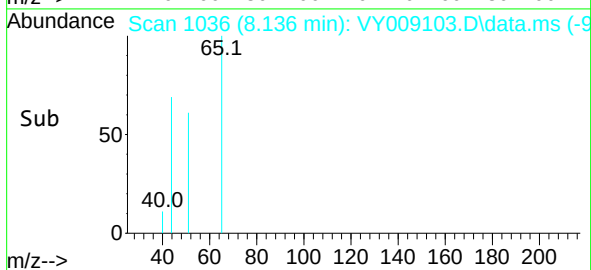
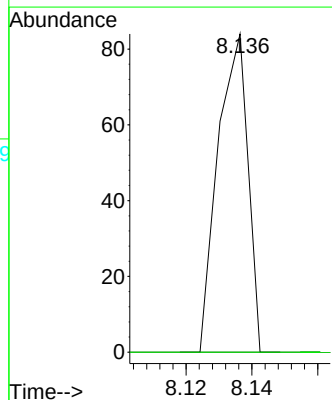
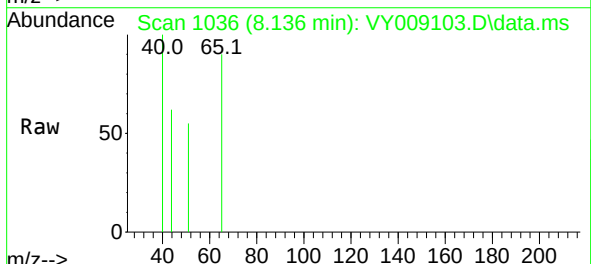
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

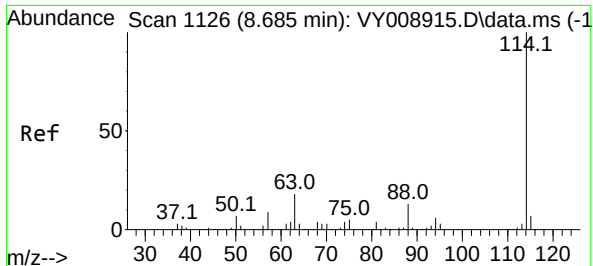
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 205.989 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
67 0.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009103.D

Acq: 25 May 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-01-COMP

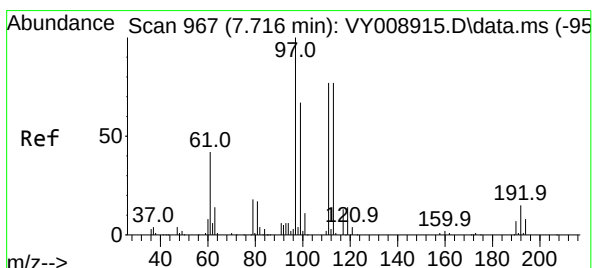
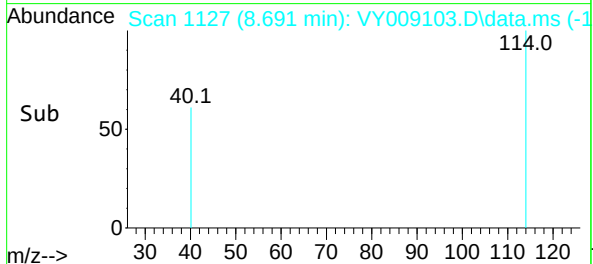
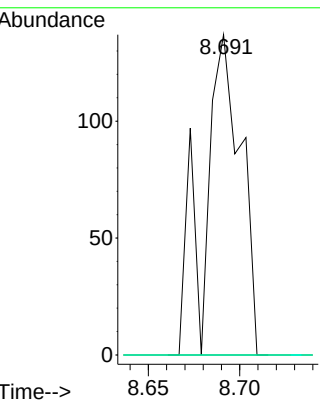
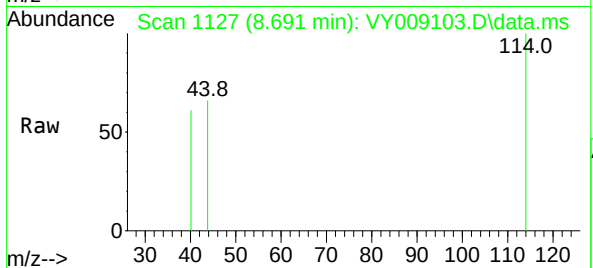
Tgt Ion:114 Resp: 191

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 15.997 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009103.D

Acq: 25 May 2022 20:24

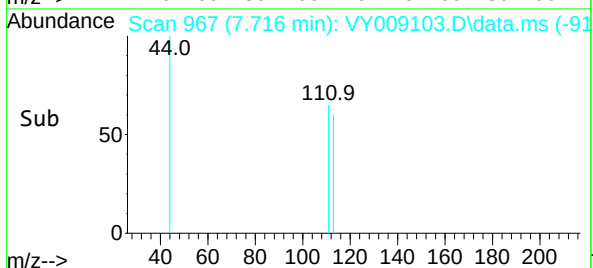
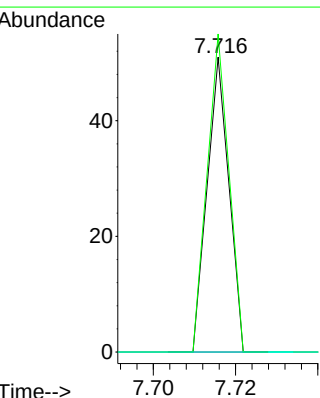
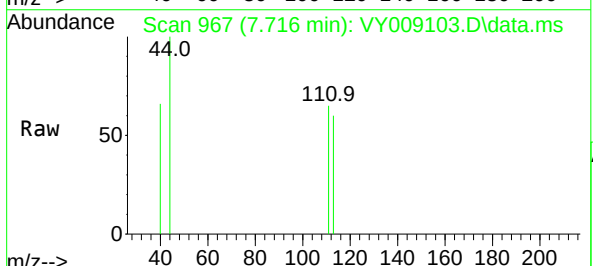
Tgt Ion:113 Resp: 19

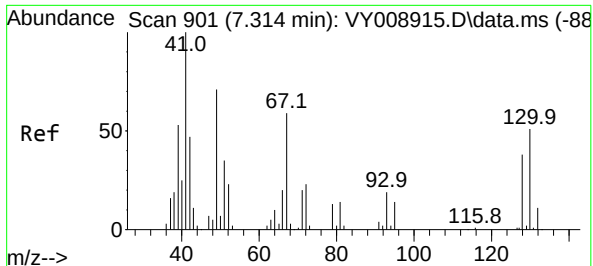
Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 0.0 17.6 26.4#

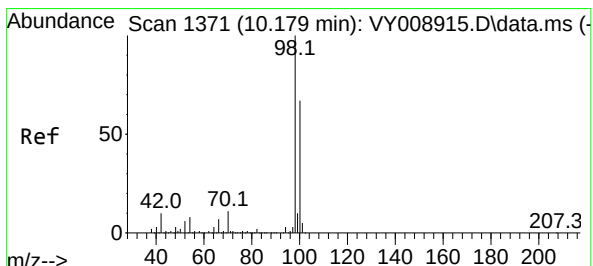
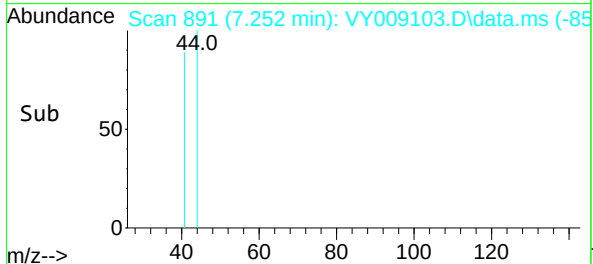
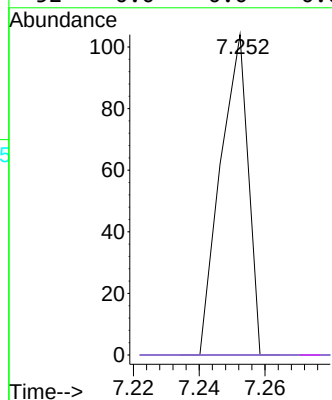
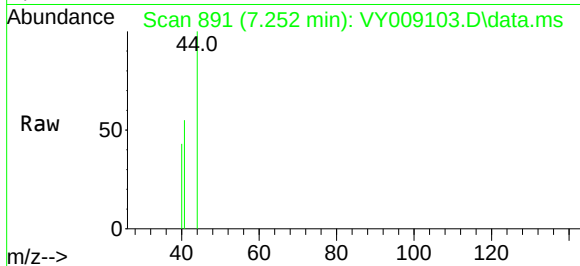




#41
Methacrylonitrile
Concen: 112.744 ug/l
RT: 7.252 min Scan# 891
Delta R.T. -0.062 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

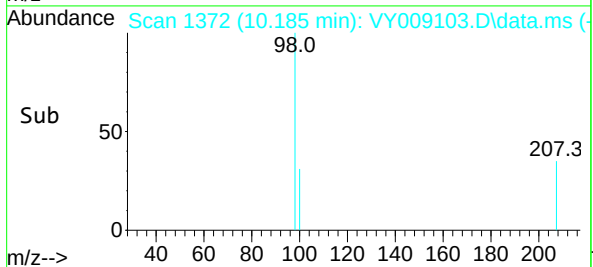
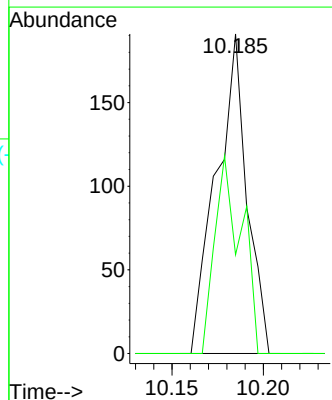
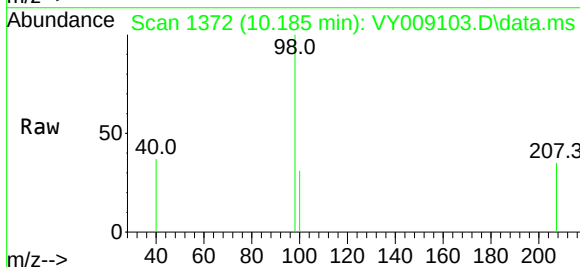
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

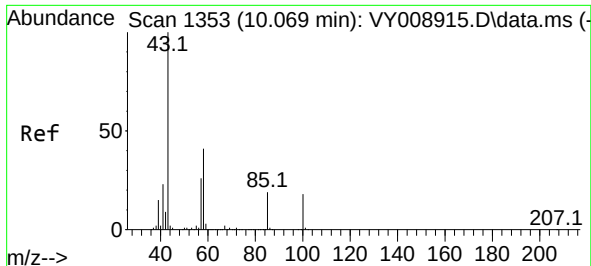
Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 50.666 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

Tgt Ion: 98 Resp: 222
Ion Ratio Lower Upper
98 100
100 54.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 25.951 ug/l

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VY009103.D

Acq: 25 May 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

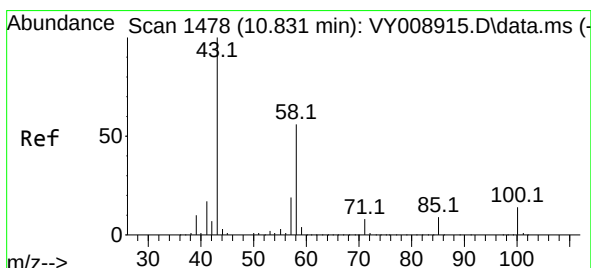
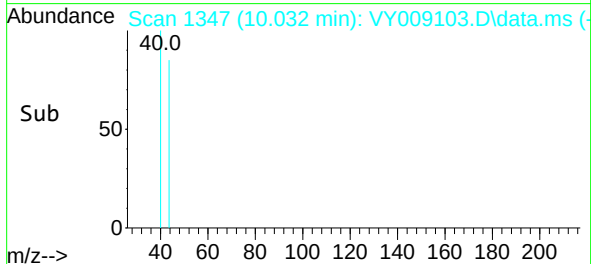
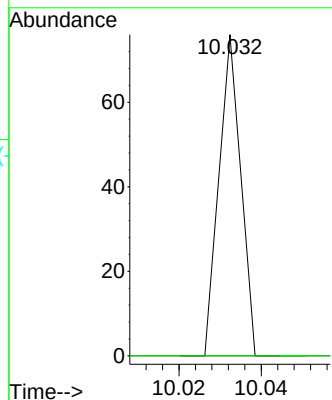
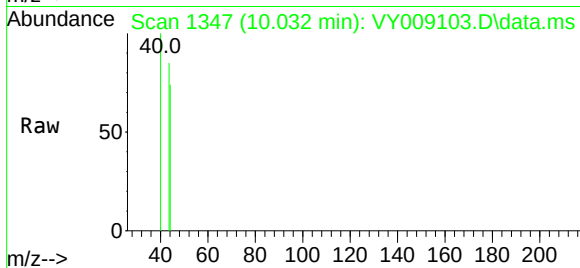
TP-01-COMP

Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#



#59

2-Hexanone

Concen: 27.073 ug/l

RT: 11.069 min Scan# 1517

Delta R.T. 0.238 min

Lab File: VY009103.D

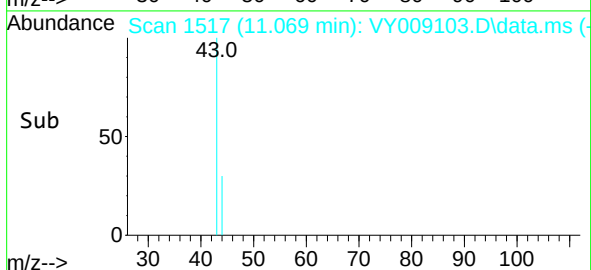
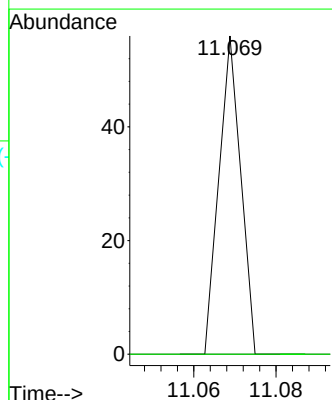
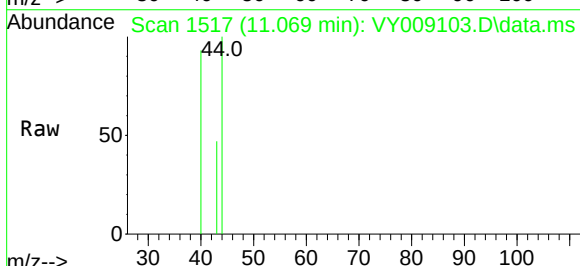
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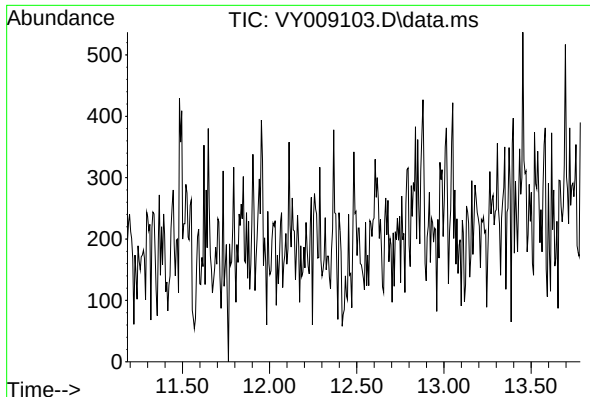
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 24.4 73.4#

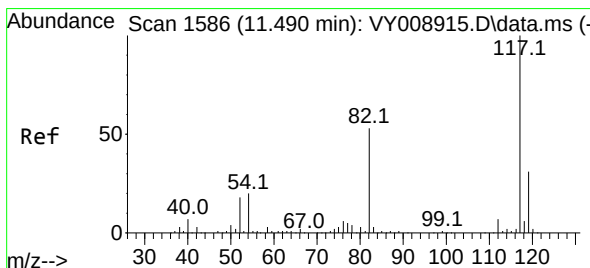
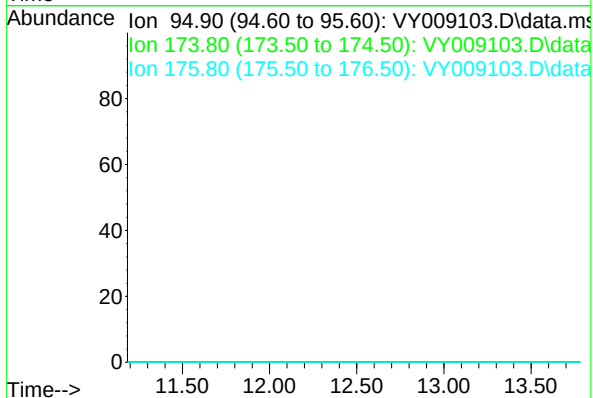




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY009103.D
 Acq: 25 May 2022 20:24

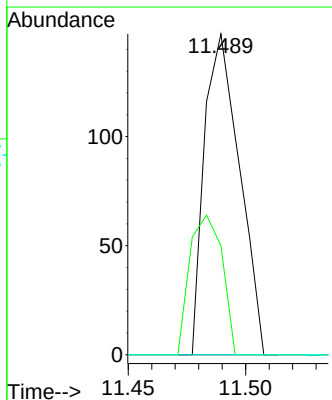
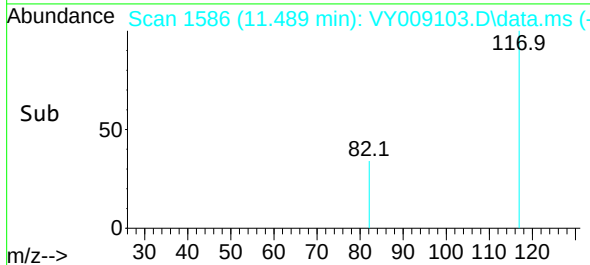
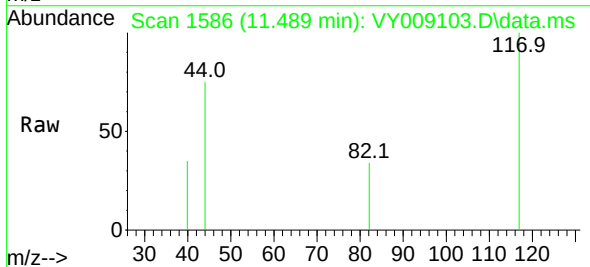
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 TP-01-COMP

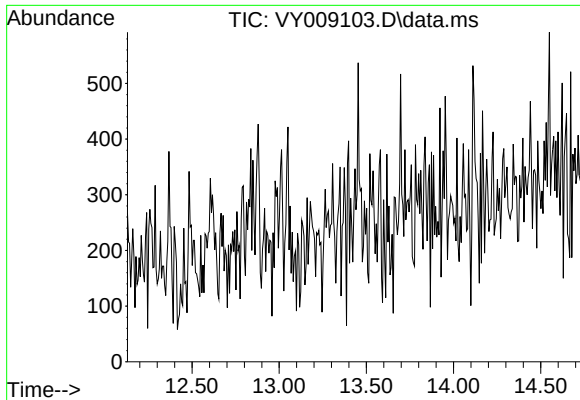
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 87.9



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 1586
 Delta R.T. -0.001 min
 Lab File: VY009103.D
 Acq: 25 May 2022 20:24

Tgt Ion: 117 Resp: 153
 Ion Ratio Lower Upper
 117 100
 82 34.0 43.0 64.4#
 119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY009103.D
Acq: 25 May 2022 20:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

