

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002112.D
 Acq On : 27 Mar 2020 17:45
 Operator : SY/MD
 Sample : L2053-01
 Misc : 6.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-(4-5)

Quant Time: Mar 30 05:09:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

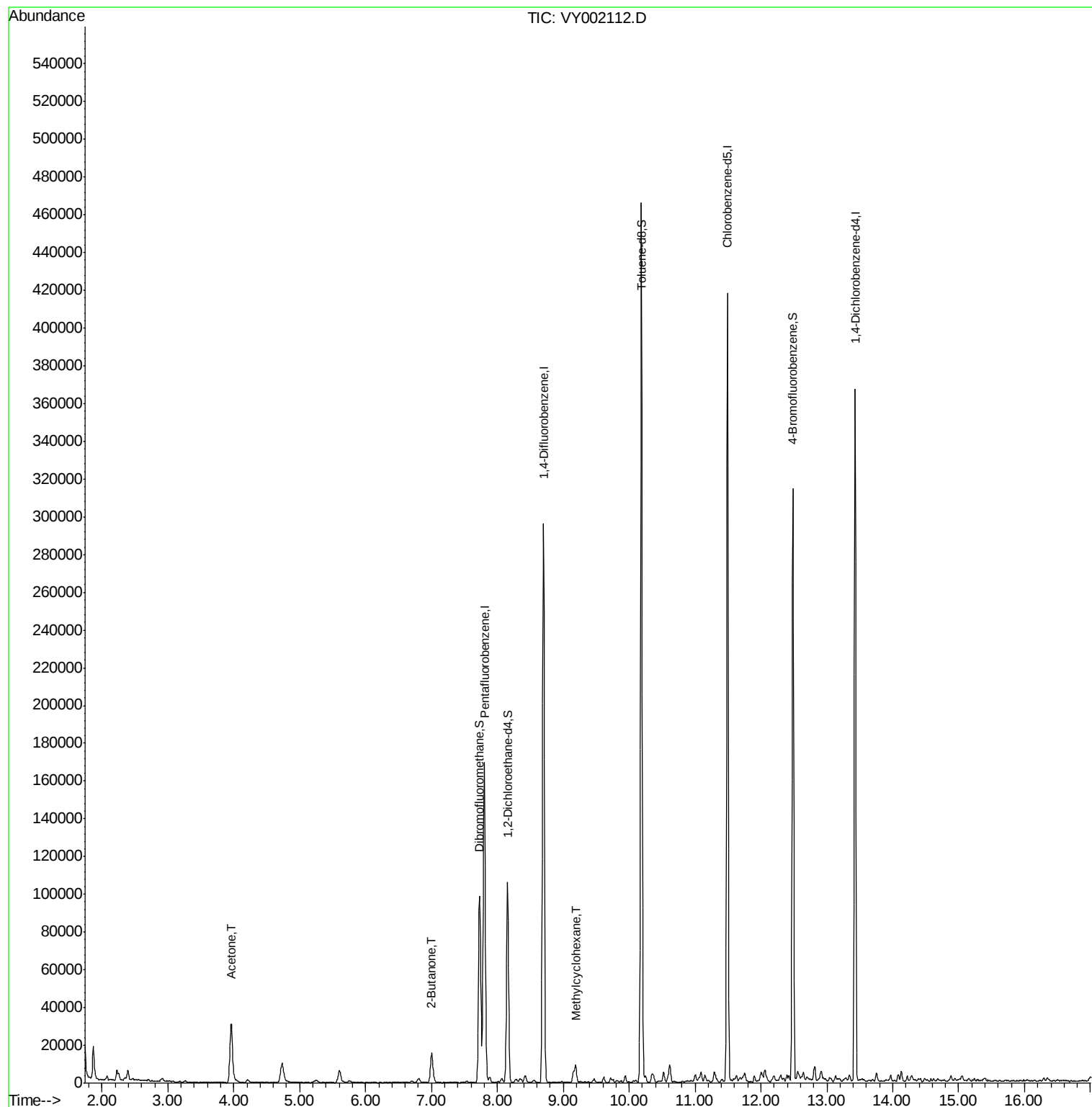
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	241900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	218915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	87260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78743	57.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	7.73	113	72939	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.19	98	299358	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.49	95	96471	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
Target Compounds						
16) Acetone	3.96	43	55479	143.675	ug/l	99
25) 2-Butanone	7.00	43	26877	45.330	ug/l	93
39) Methylcyclohexane	9.19	83	4166	1.388	ug/l	100

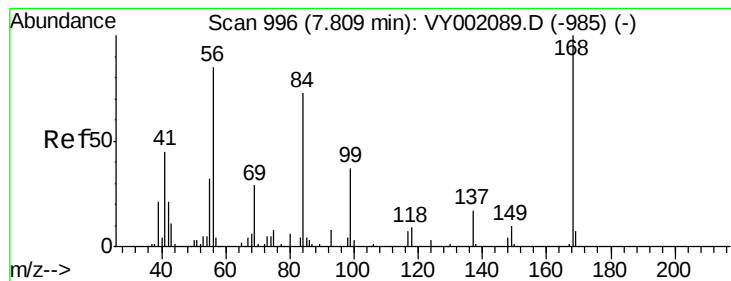
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002112.D

Acq: 27 Mar 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

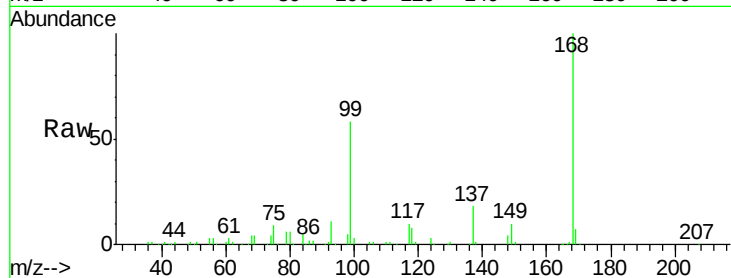
TP-13-(4-5)

Tot Ion:168 Resp: 124329

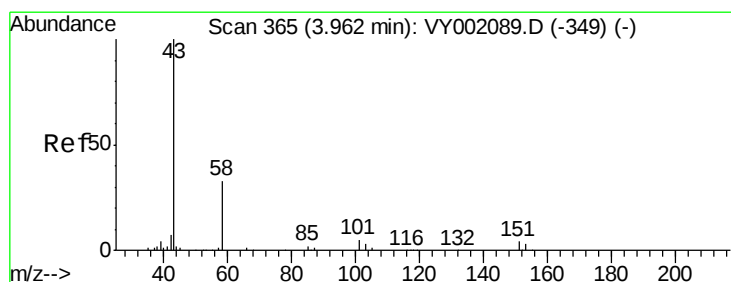
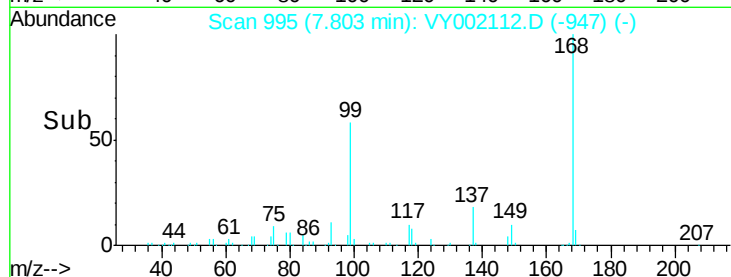
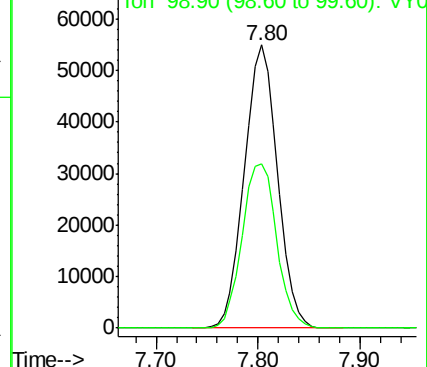
Ion Ratio Lower Upper

168 100

99 57.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002112.D (-947) (-)



#16

Acetone

Concen: 143.675 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002112.D

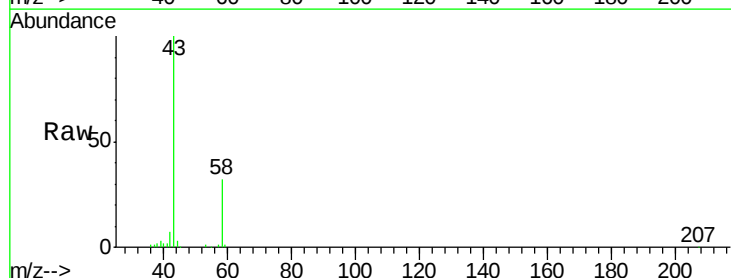
Acq: 27 Mar 2020 17:45

Tgt Ion: 43 Resp: 55479

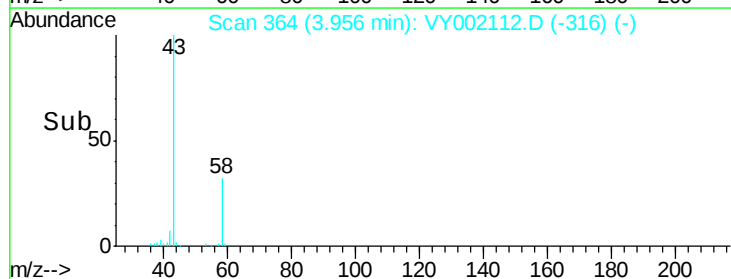
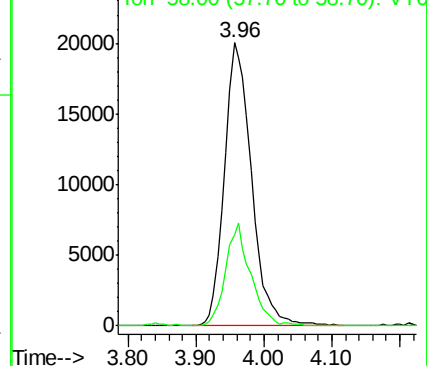
Ion Ratio Lower Upper

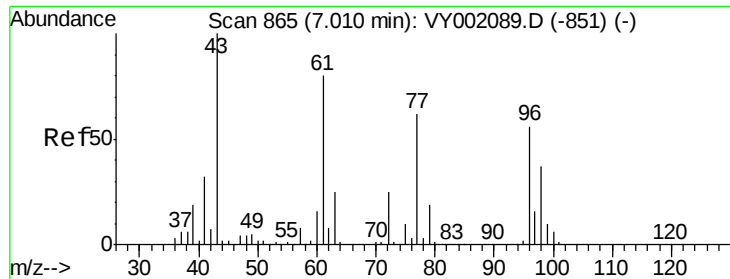
43 100

58 32.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002112.D (-316) (-)

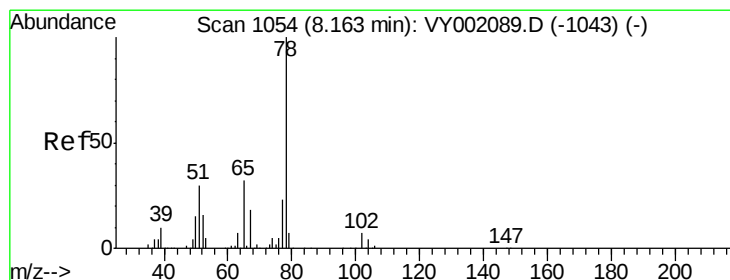
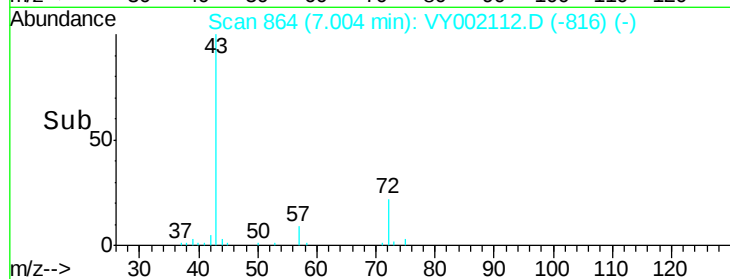
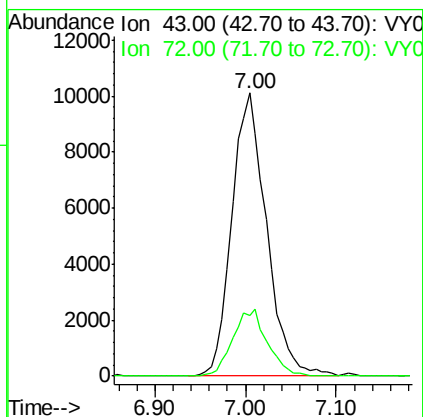
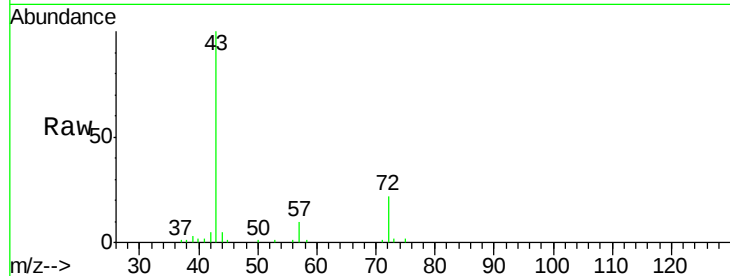




#25
 2-Butanone
 Concen: 45.330 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002112.D
 Acq: 27 Mar 2020 17:45

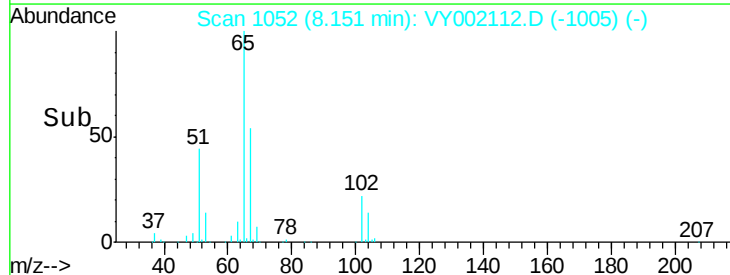
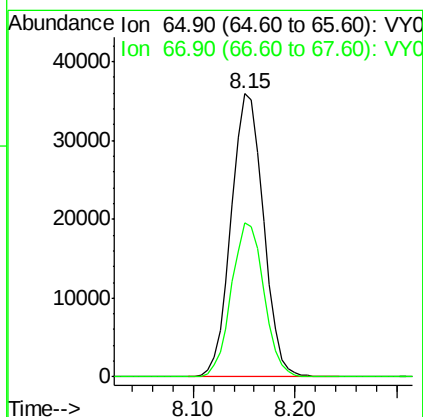
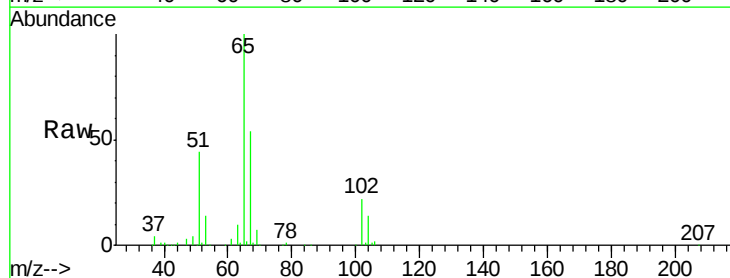
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-(4-5)

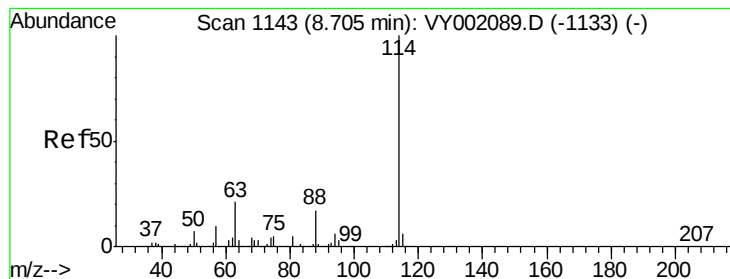
Tot Ion: 43 Resp: 26877
 Ion Ratio Lower Upper
 43 100
 72 21.5 20.2 30.2



#33
 1,2-Dichloroethane-d4
 Concen: 57.292 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002112.D
 Acq: 27 Mar 2020 17:45

Tgt Ion: 65 Resp: 78743
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002112.D

Acq: 27 Mar 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-(4-5)

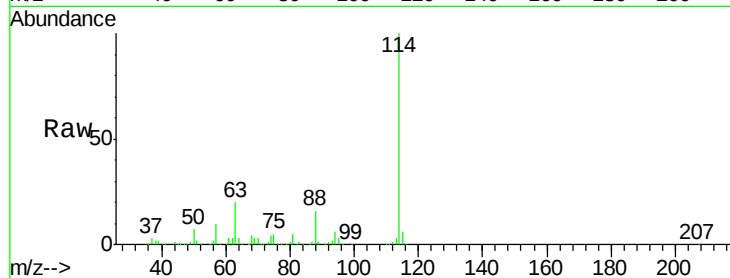
Tot Ion:114 Resp: 241900

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

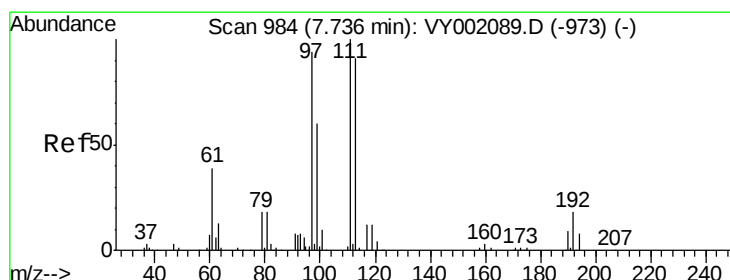
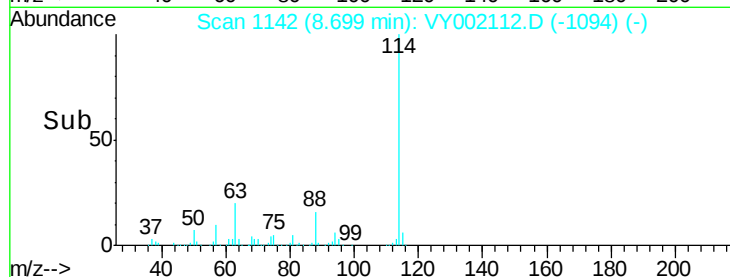
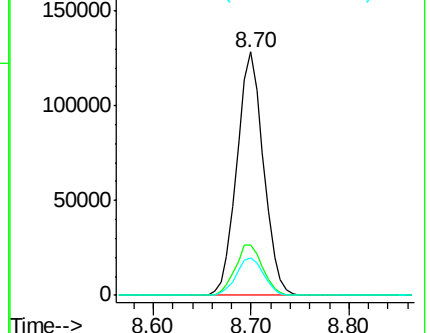
88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.814 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002112.D

Acq: 27 Mar 2020 17:45

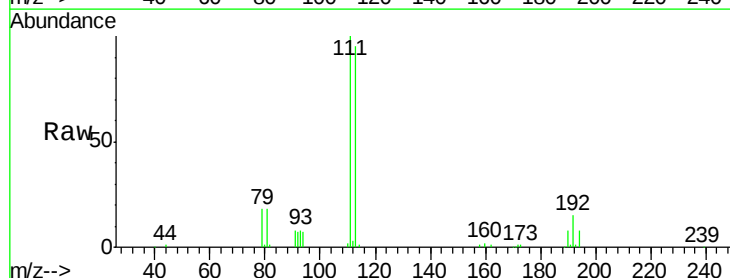
Tgt Ion:113 Resp: 72939

Ion Ratio Lower Upper

113 100

111 101.0 84.4 126.6

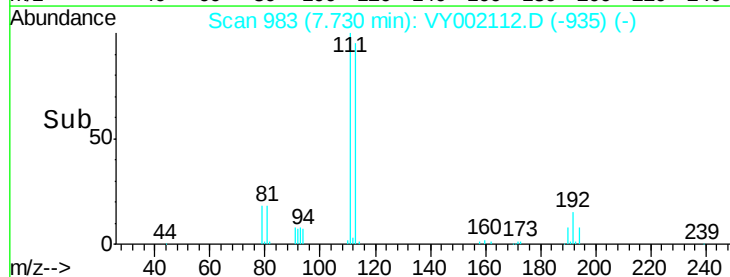
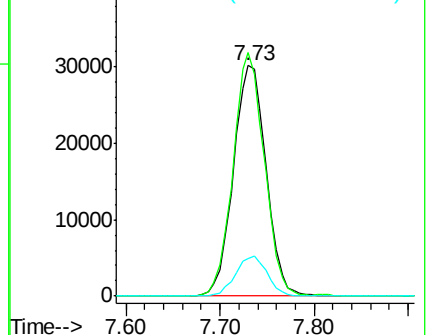
192 16.8 14.6 21.8

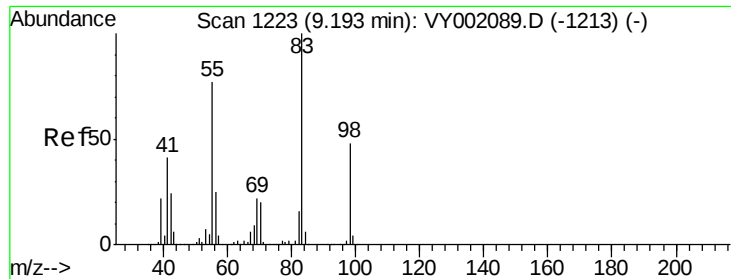


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

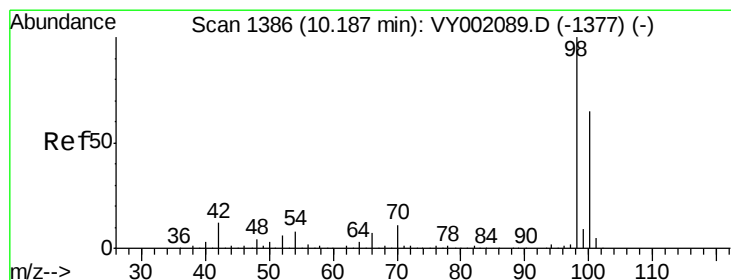
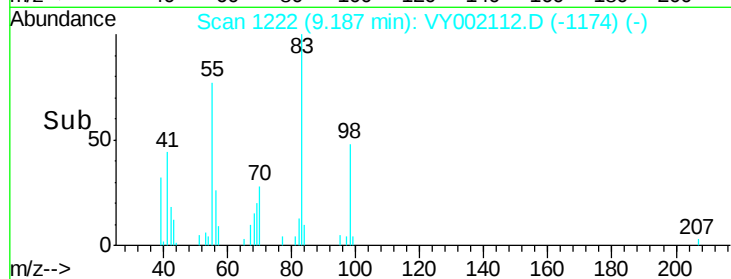
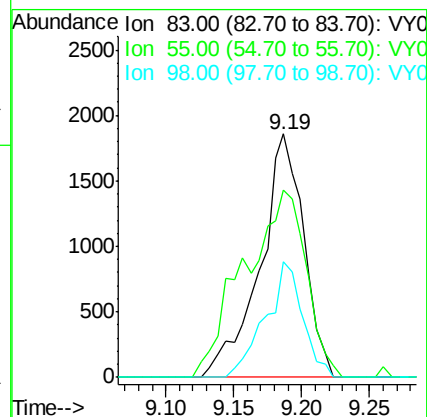
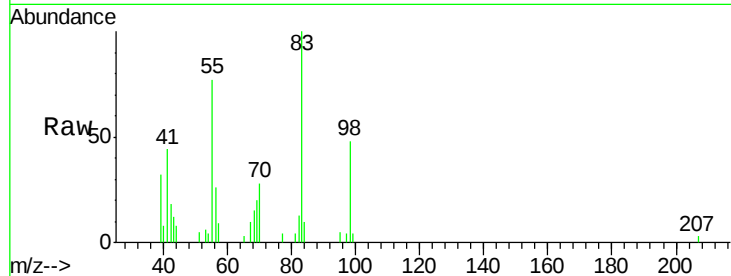




#39
Methylcyclohexane
Concen: 1.388 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002112.D
Acq: 27 Mar 2020 17:45

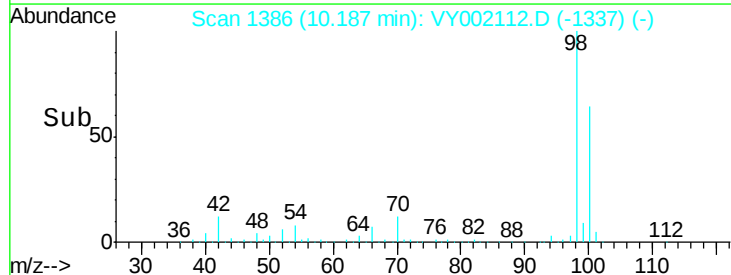
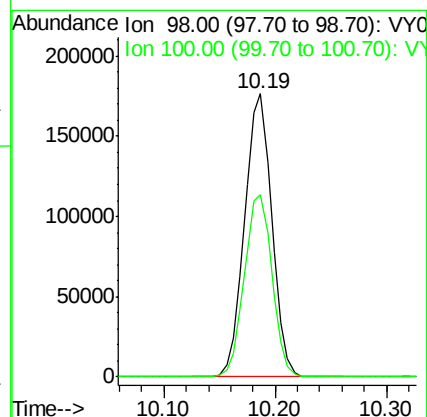
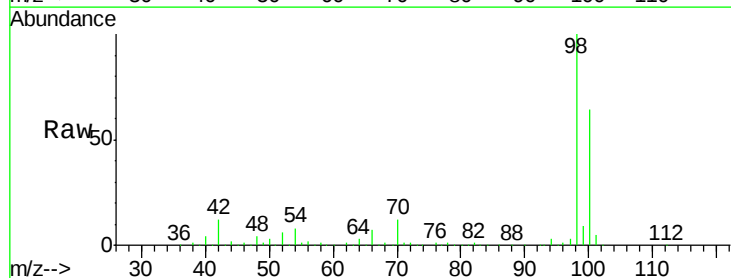
Instrument :
MSVOA_Y
ClientSampled :
TP-13-(4-5)

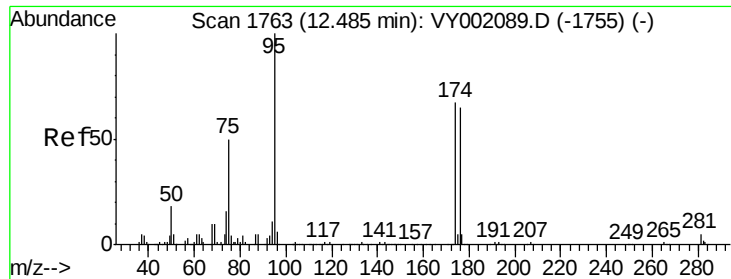
Tot Ion: 83 Resp: 4166
Ion Ratio Lower Upper
83 100
55 77.1 61.2 91.8
98 47.7 38.2 57.2



#50
Toluene-d8
Concen: 53.166 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002112.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 98 Resp: 299358
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4

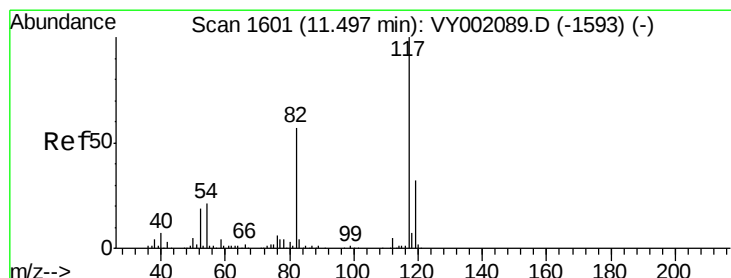
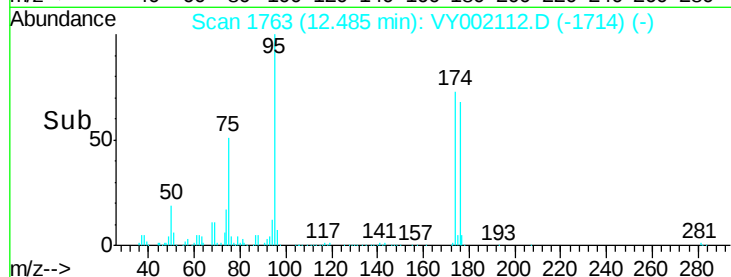
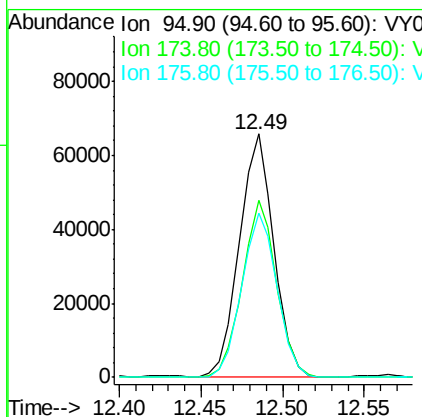
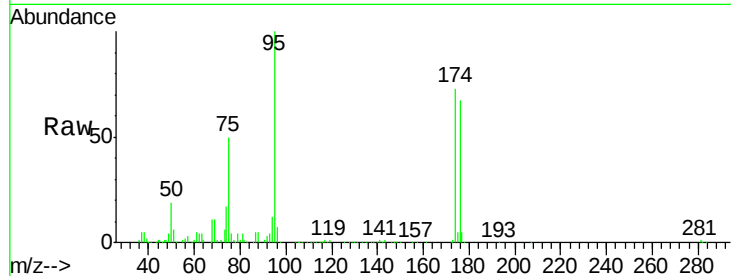




#62
4-Bromofluorobenzene
Concen: 48.989 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002112.D
Acq: 27 Mar 2020 17:45

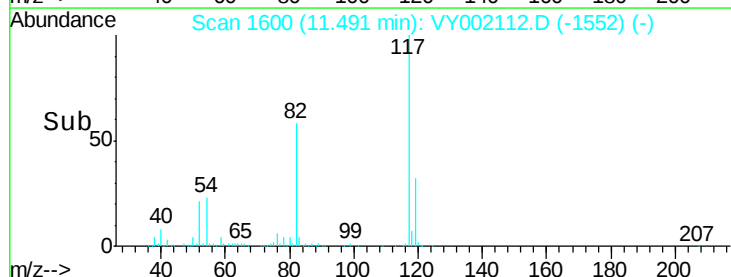
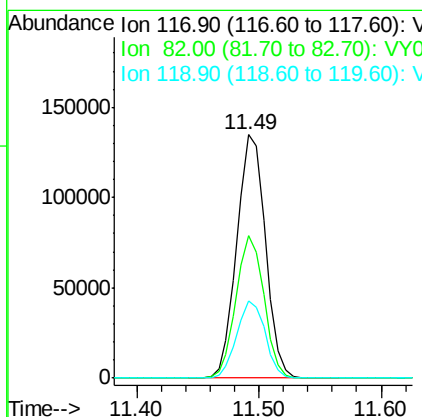
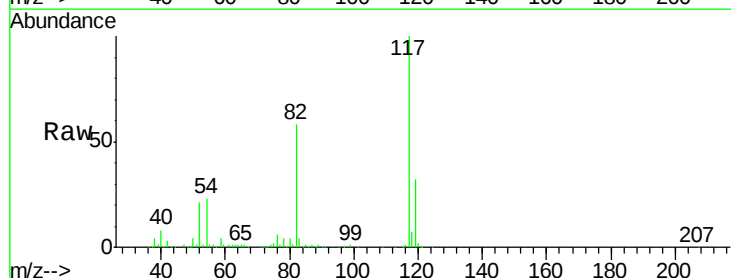
Instrument :
MSVOA_Y
ClientSampleId :
TP-13-(4-5)

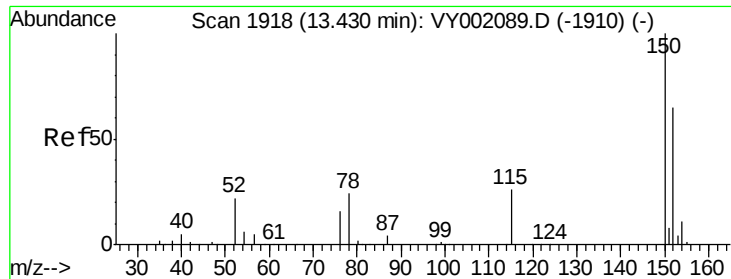
Tot Ion: 95 Resp: 96471
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.4
176 69.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002112.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 117 Resp: 218915
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 31.9 25.3 37.9

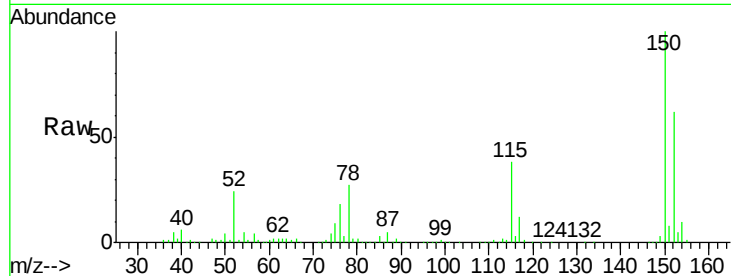




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VY002112.D
 Acq: 27 Mar 2020 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-(4-5)

Tot Ion:152 Resp: 87260
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.2 93.6
 150 157.7 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

