

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000884.D
 Acq On : 05 Dec 2019 15:39
 Operator : SY/MD
 Sample : K6147-07
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC007

Quant Time: Dec 06 05:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

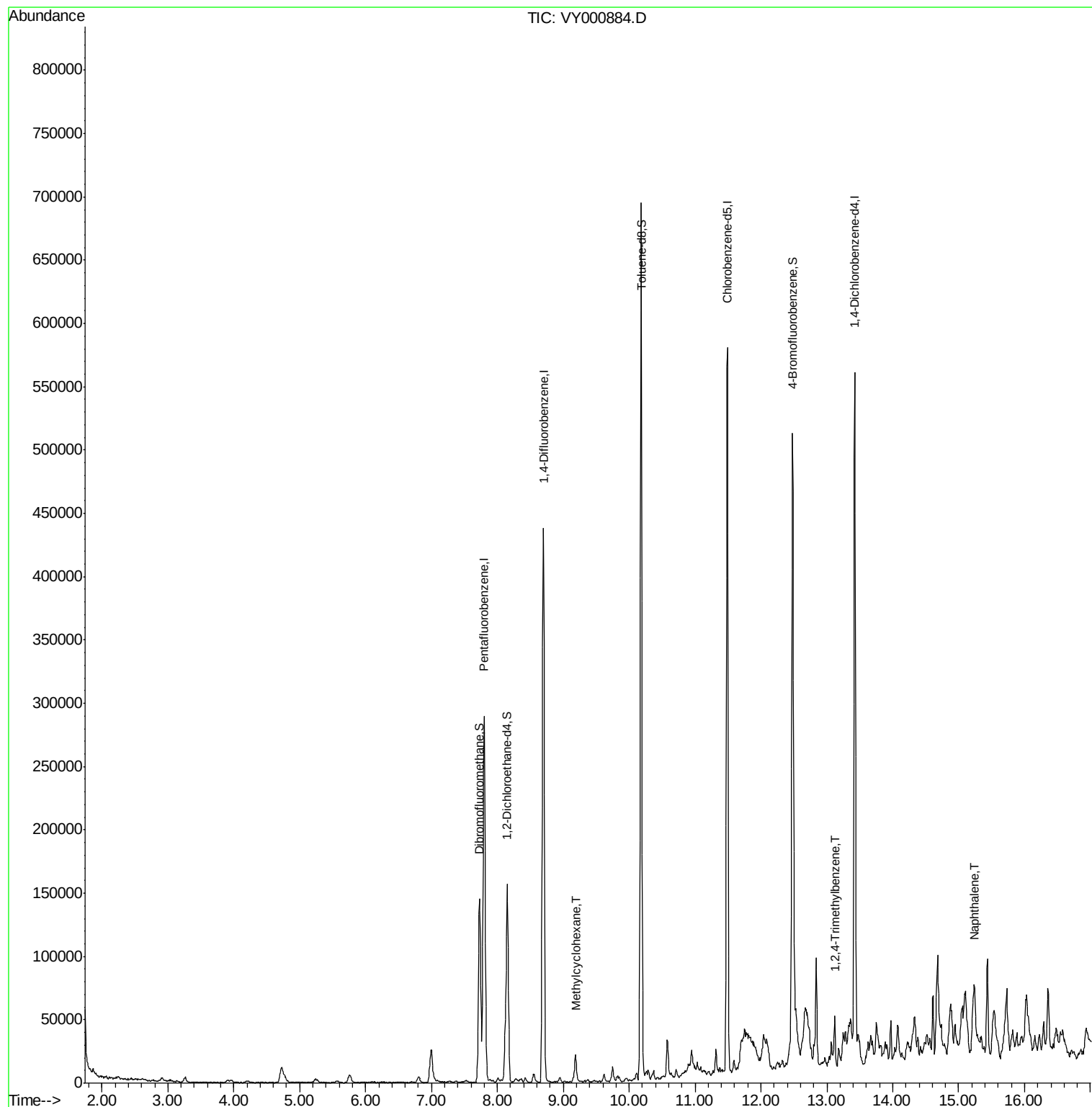
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	223978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	390272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100480	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	
35) Dibromofluoromethane	7.73	113	104913	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
50) Toluene-d8	10.18	98	453821	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.48	95	138112	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
Target Compounds						
39) Methylcyclohexane	9.19	83	10148	1.974	ug/l #	89
84) 1,2,4-Trimethylbenzene	13.12	105	18383	2.129	ug/l	99
95) Naphthalene	15.23	128	10775	1.720	ug/l #	54

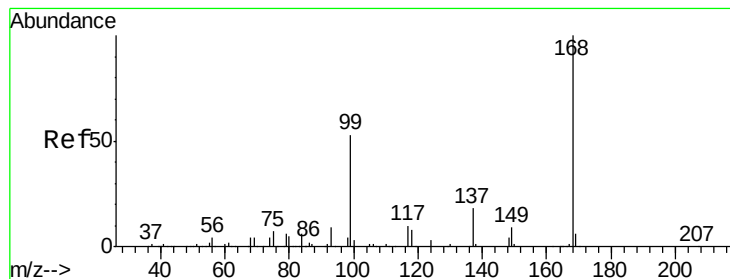
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000884.D

Acq: 05 Dec 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

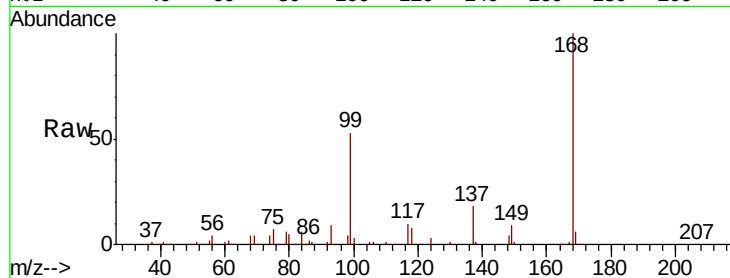
P001-WC007

Tot Ion:168 Resp: 223978

Ion Ratio Lower Upper

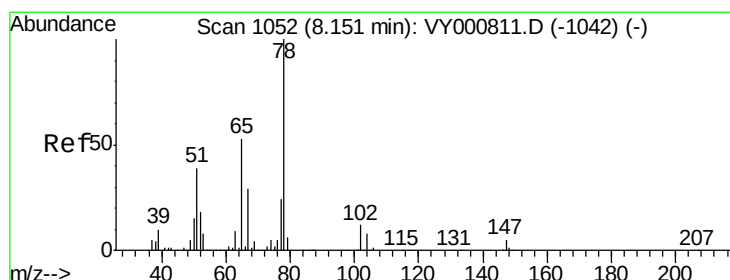
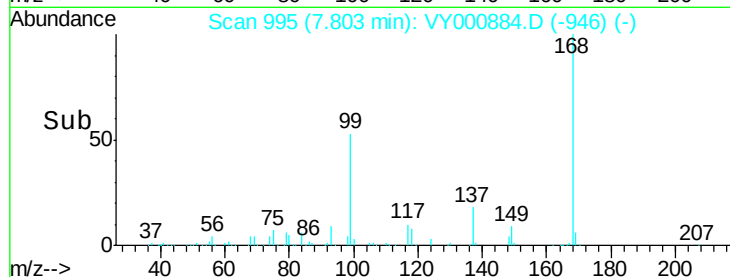
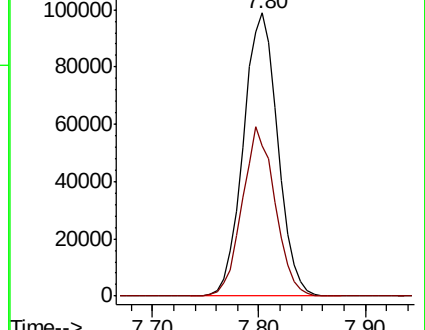
168 100

99 53.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000884.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000884.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.219 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000884.D

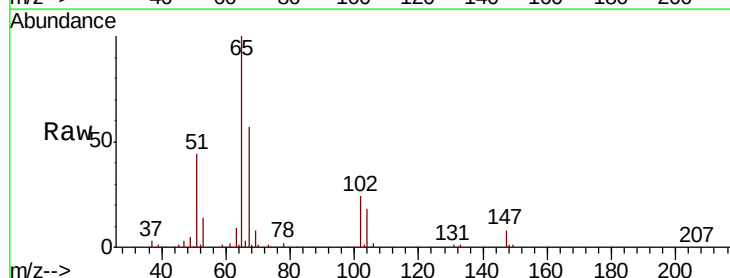
Acq: 05 Dec 2019 15:39

Tgt Ion: 65 Resp: 100480

Ion Ratio Lower Upper

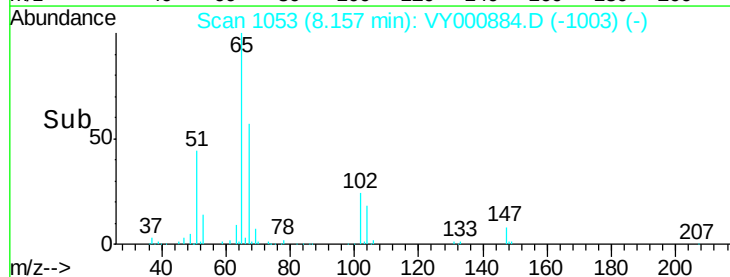
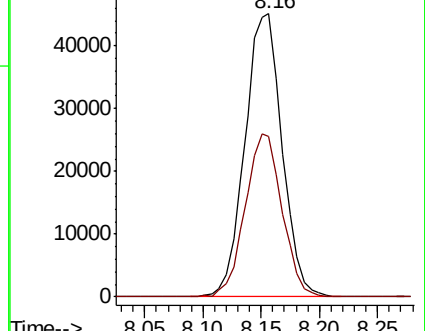
65 100

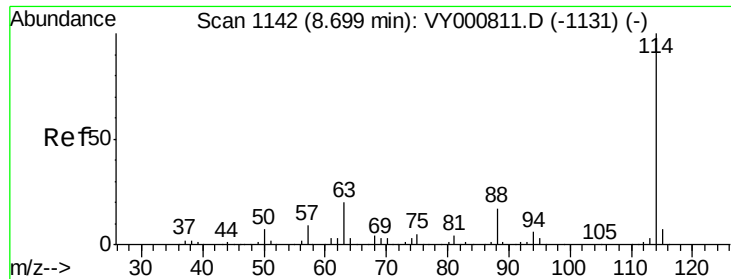
67 57.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000884.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000884.D (-1003) (-)

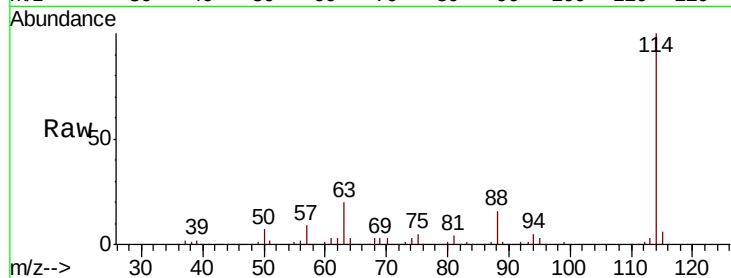




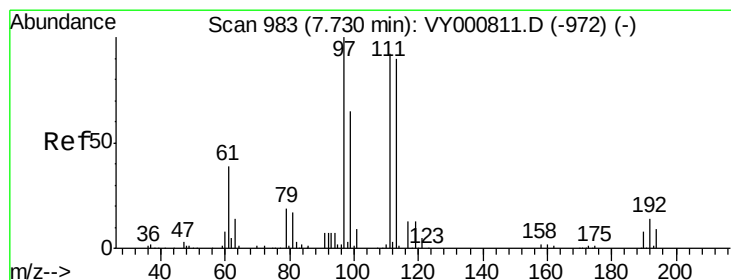
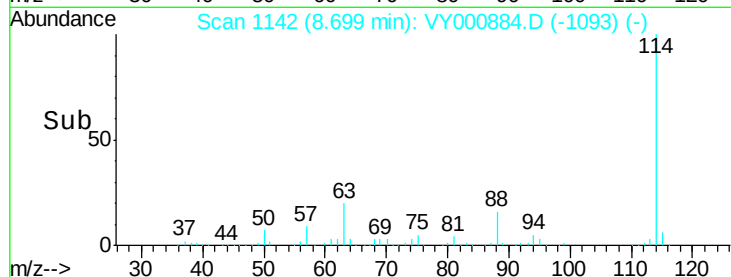
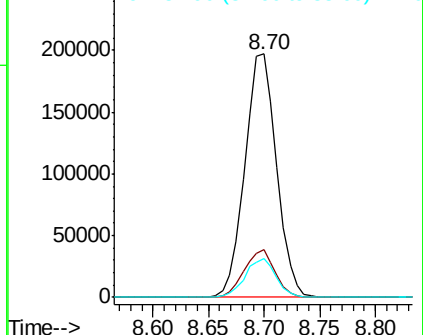
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000884.D
 Acq: 05 Dec 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC007

Tot Ion:114 Resp: 390272
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.9 0.0 33.2

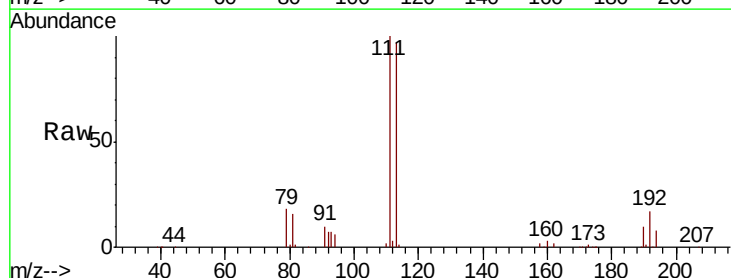


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

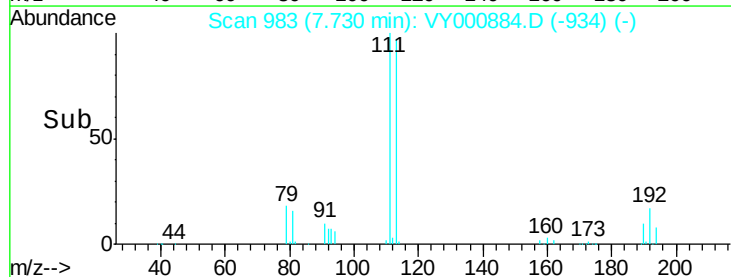
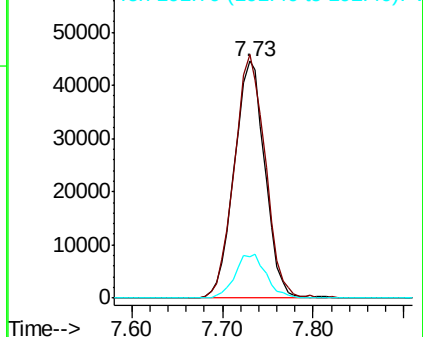


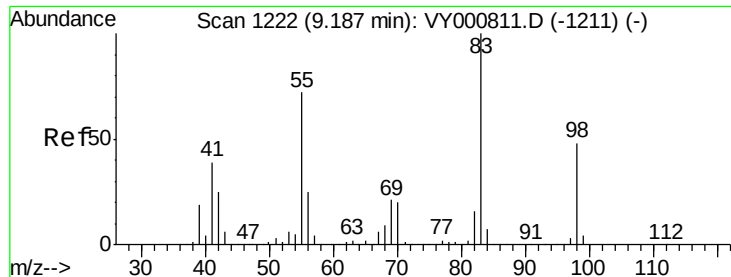
#35
 Dibromofluoromethane
 Concen: 46.126 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000884.D
 Acq: 05 Dec 2019 15:39

Tgt Ion:113 Resp: 104913
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 18.7 14.2 21.2



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

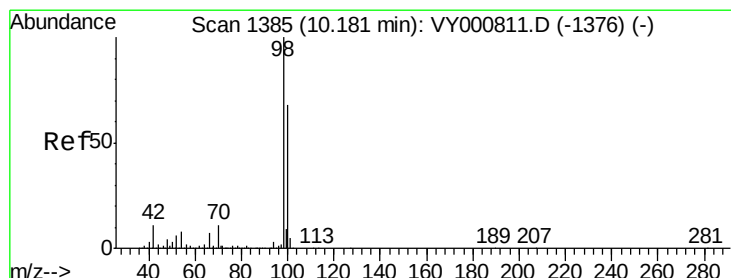
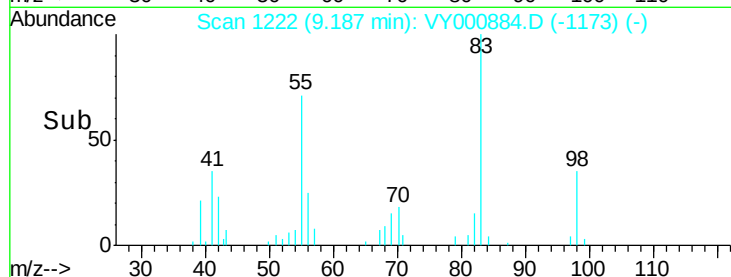
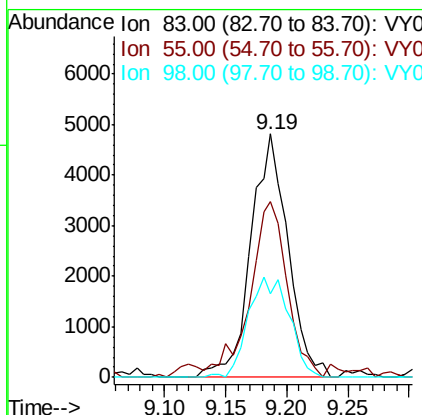
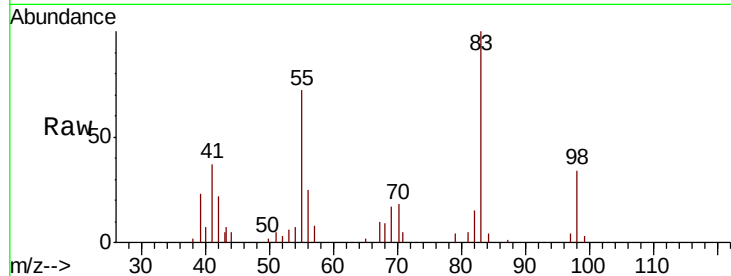




#39
Methylvlcyclohexane
Concen: 1.974 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

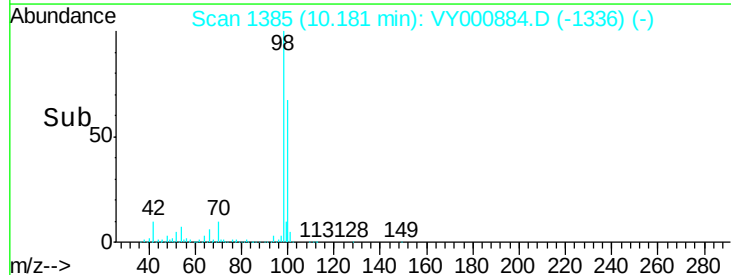
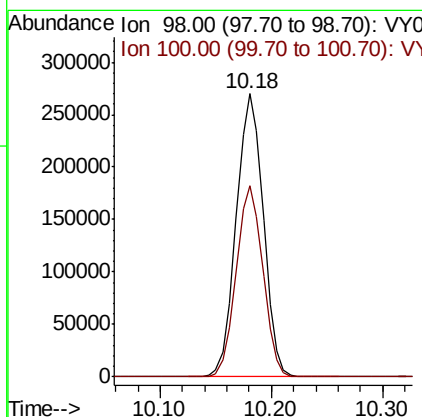
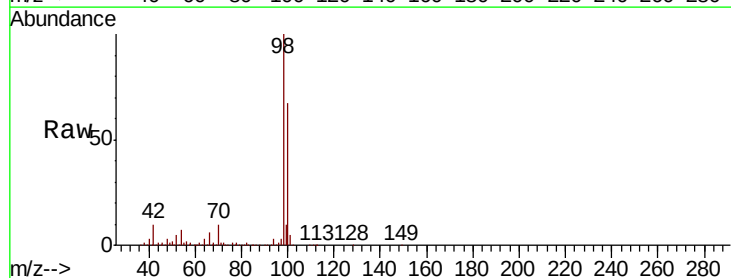
Instrument :
MSVOA_Y
ClientSampleId :
P001-WC007

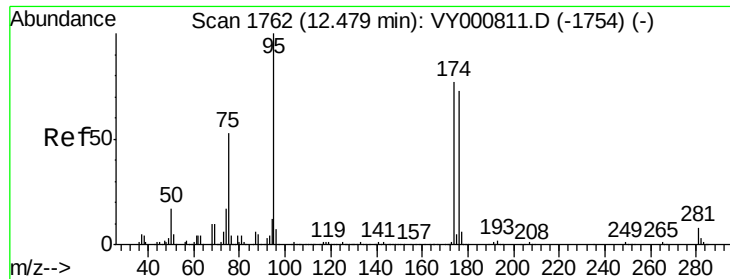
Tot Ion: 83 Resp: 10148
Ion Ratio Lower Upper
83 100
55 69.0 57.8 86.6
98 34.4 38.6 58.0#



#50
Toluene-d8
Concen: 49.907 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

Tgt Ion: 98 Resp: 453821
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

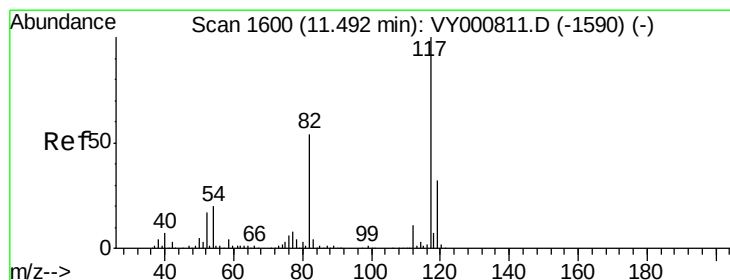
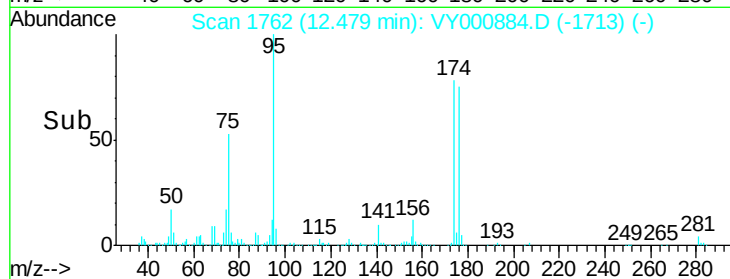
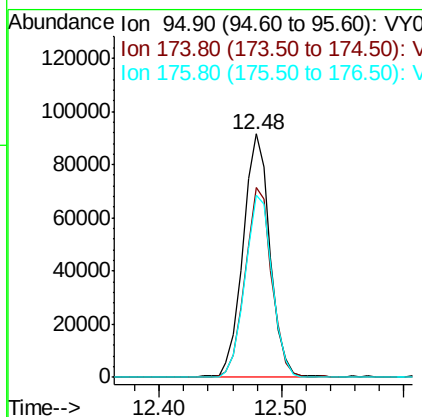
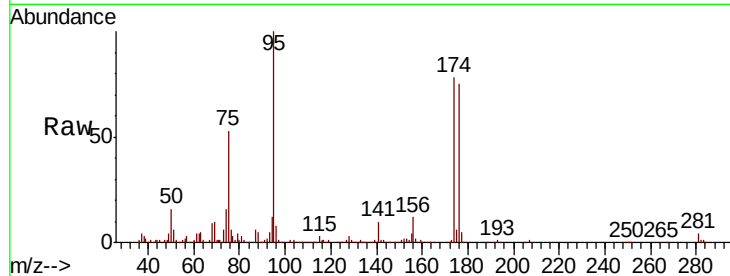




#62
4-Bromofluorobenzene
Concen: 40.442 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

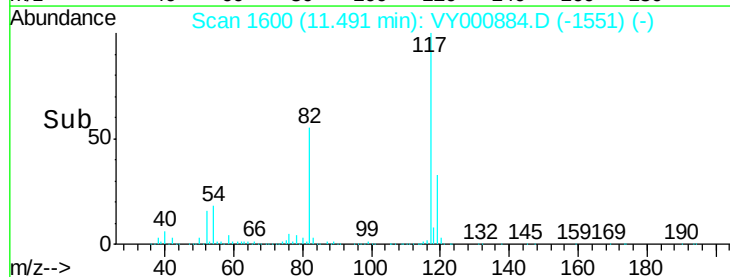
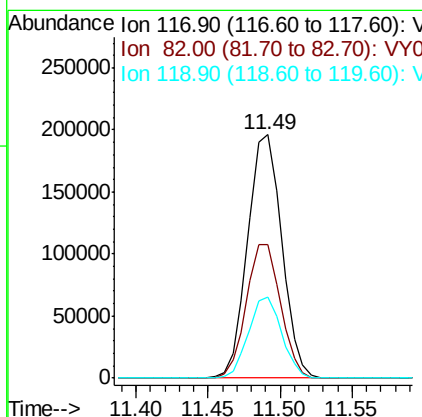
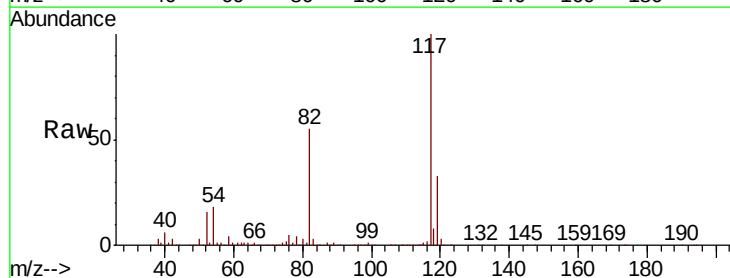
Instrument :
MSVOA_Y
ClientSampleId :
P001-WC007

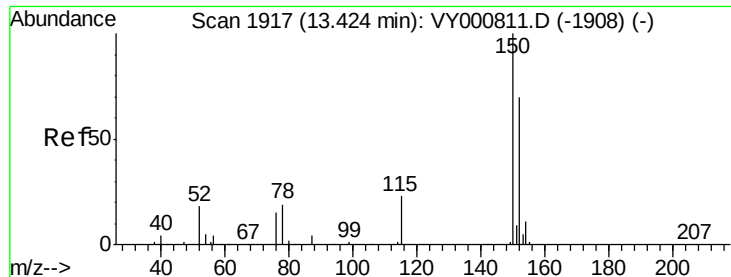
Tot Ion	95	Resp	138112
Ion Ratio	Lower	Upper	
95	100		
174	76.7	0.0	150.6
176	76.3	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

Tgt Ion	117	Resp	321632
Ion Ratio	Lower	Upper	
117	100		
82	55.0	43.1	64.7
119	33.4	25.3	37.9



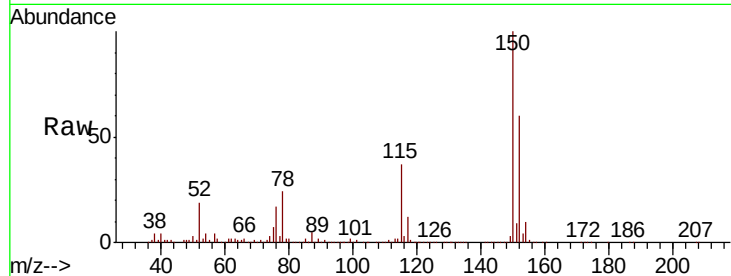


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC007

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.3	87.8
150	160.4	0.0	351.2

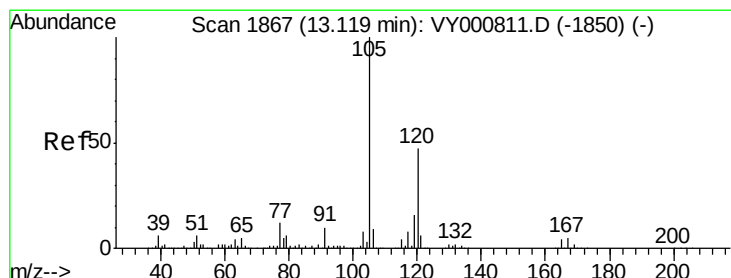
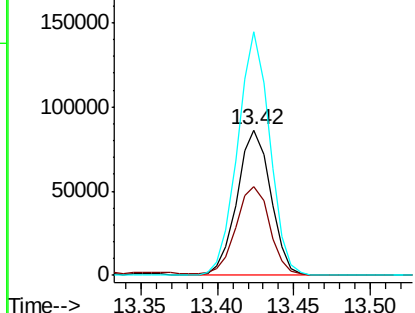
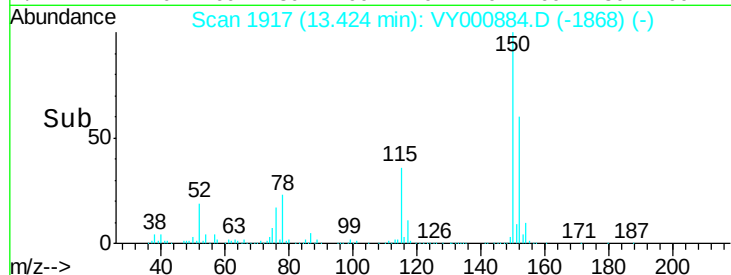


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

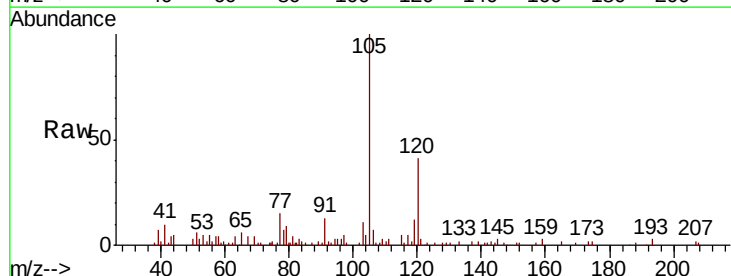
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 2.129 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000884.D
Acq: 05 Dec 2019 15:39

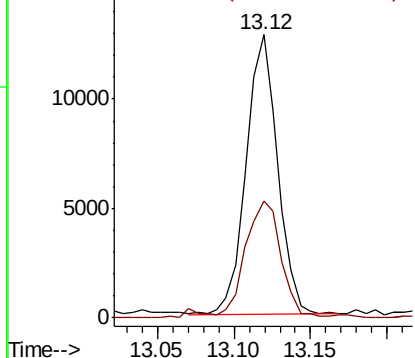
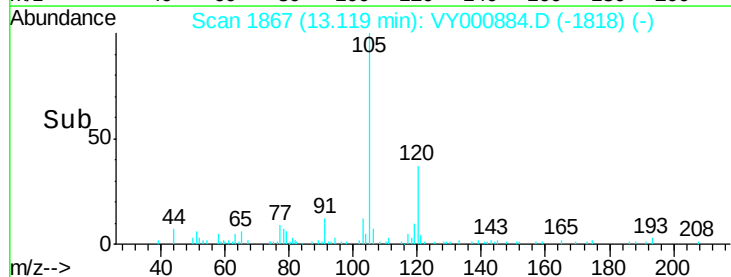
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.6	67.8

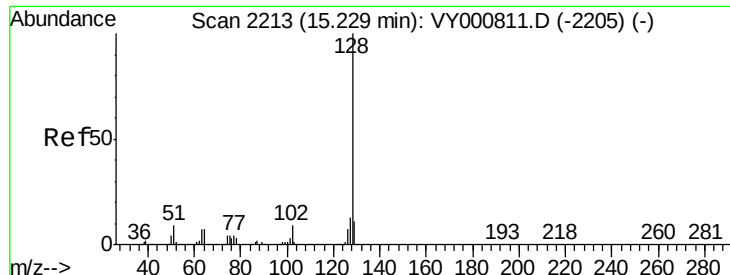


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.720 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000884.D

Acq: 05 Dec 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

P001-WC007

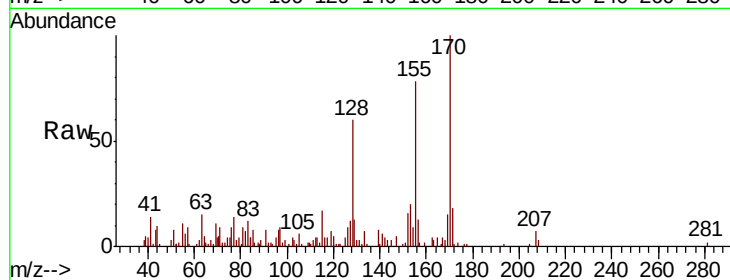
Tot Ion:128 Resp: 10775

Ion Ratio Lower Upper

128 100

127 28.6 10.1 15.1#

129 30.8 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

