

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000911.D
 Acq On : 09 Dec 2019 13:15
 Operator : SY/MD
 Sample : K6118-01
 Misc : 12.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-120619

Quant Time: Dec 10 07:41:58 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

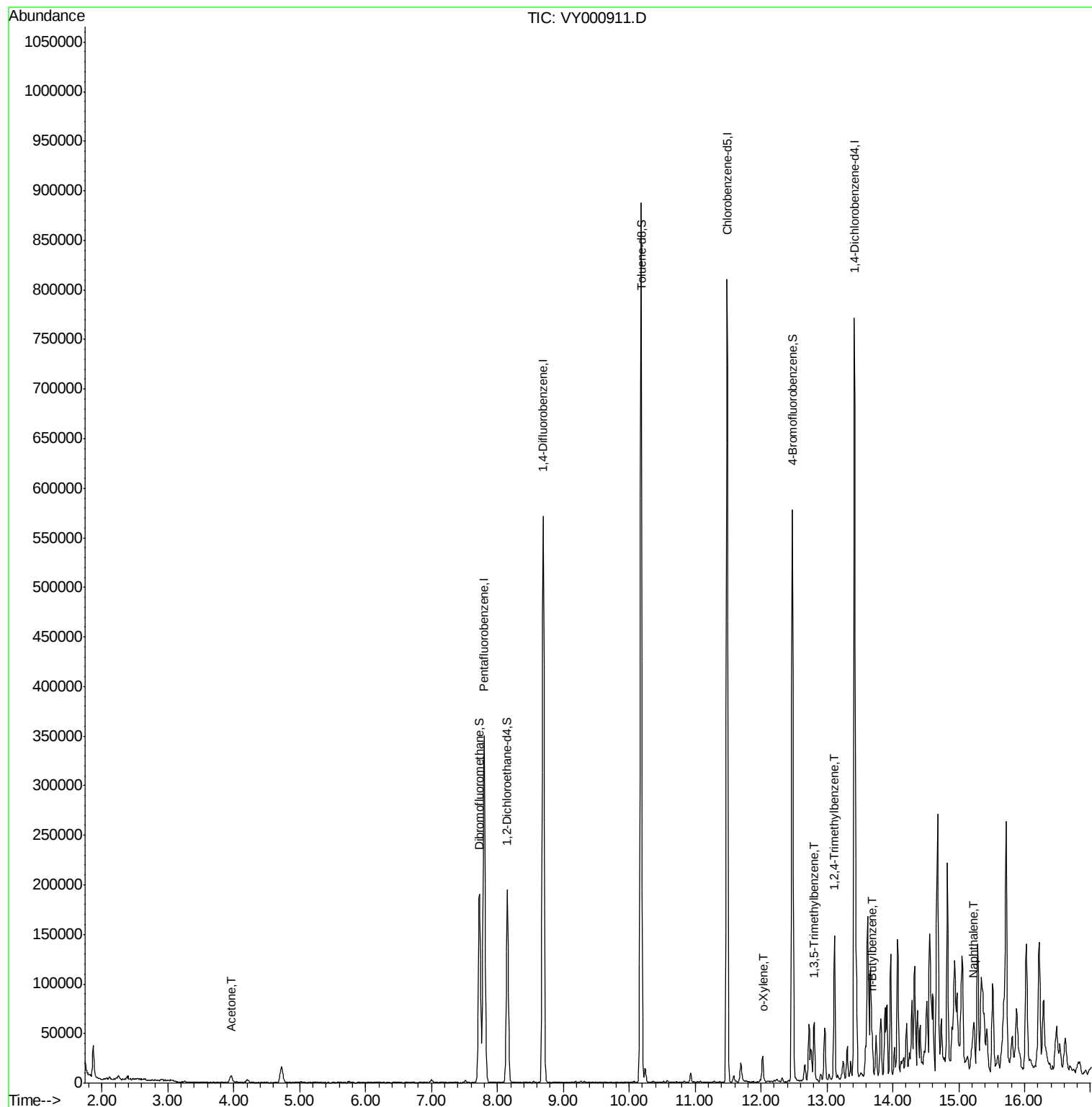
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	269842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	492420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	181363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142813	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.73	113	136538	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.18	98	581813	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.47	95	188490	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	3.96	43	12166	18.496	ug/l #	75
69) o-Xylene	12.03	106	6739	1.152	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	24811	2.075	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	77125	6.447	ug/l	98
89) n-Butylbenzene	13.69	91	18202	1.416	ug/l #	78
95) Naphthalene	15.23	128	22446	2.586	ug/l #	88

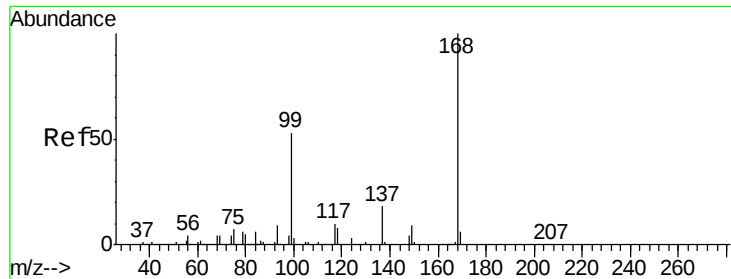
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
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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: VY000911.D

Acq: 09 Dec 2019 13:15

Instrument :

MSVOA_Y

ClientSampleId :

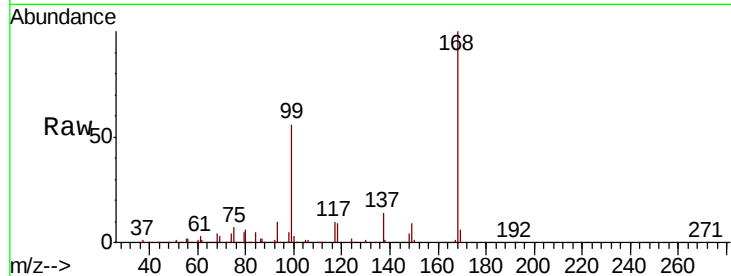
SU-02-120619

Tot Ion:168 Resp: 269842

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000911.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000911.D (-946) (-)

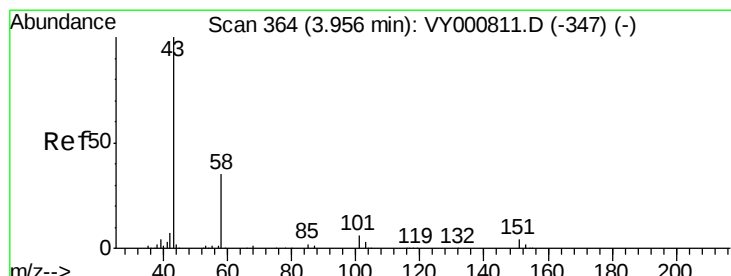
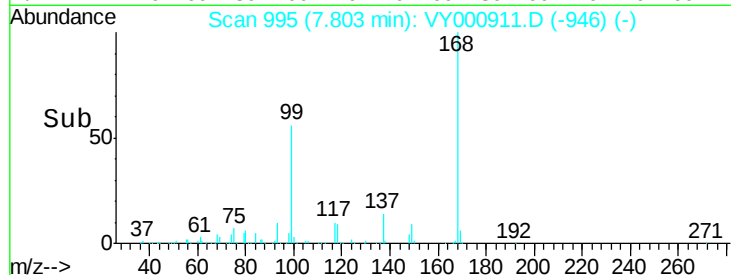
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 18.496 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000911.D

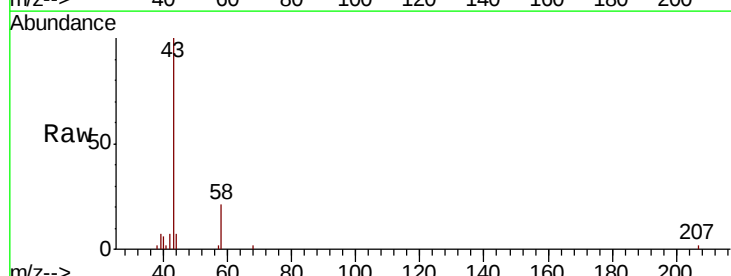
Acq: 09 Dec 2019 13:15

Tgt Ion: 43 Resp: 12166

Ion Ratio Lower Upper

43 100

58 20.7 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000911.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000911.D (-315) (-)

3.96

5000

4000

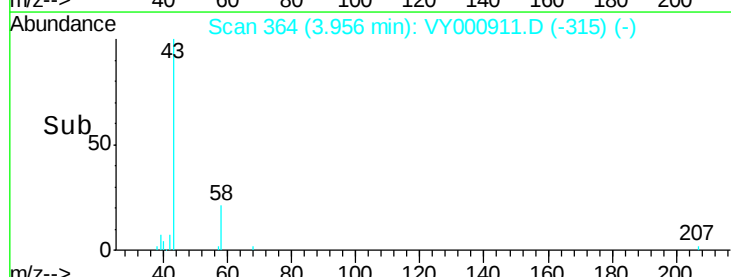
3000

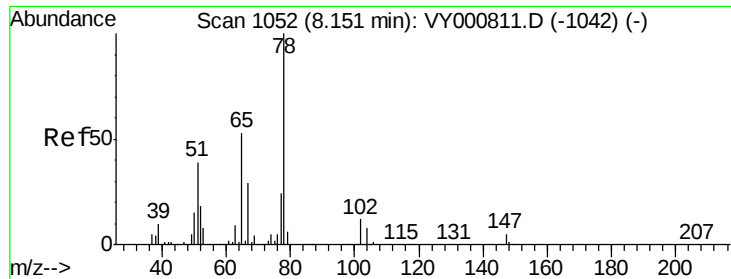
2000

1000

0

Time-->

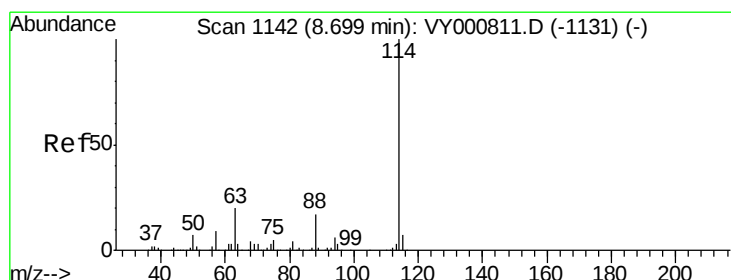
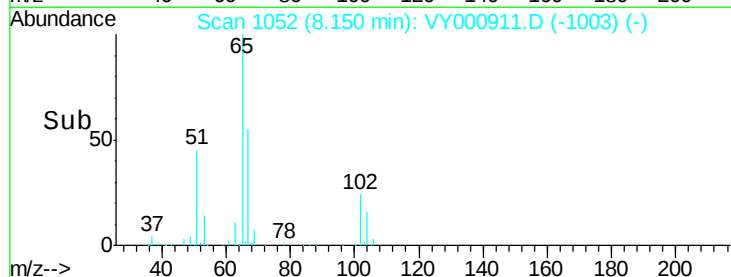
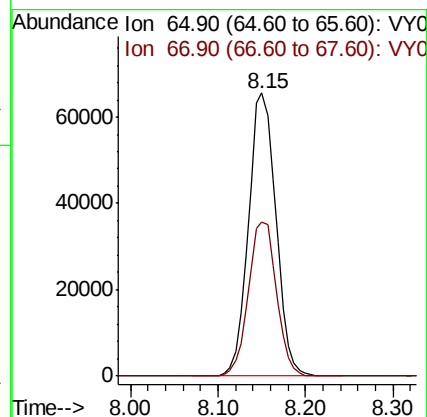
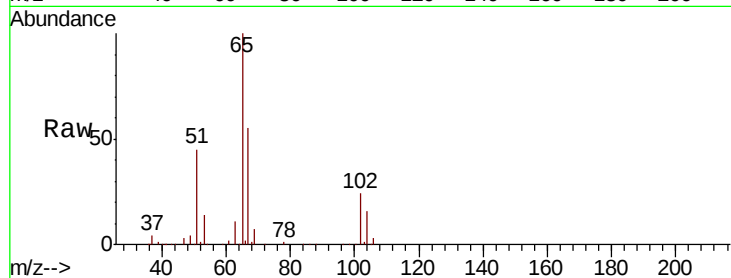




#33
 1,2-Dichloroethane-d4
 Concen: 49.807 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000911.D
 Acq: 09 Dec 2019 13:15

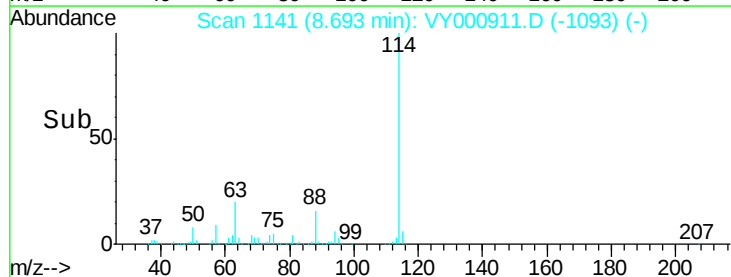
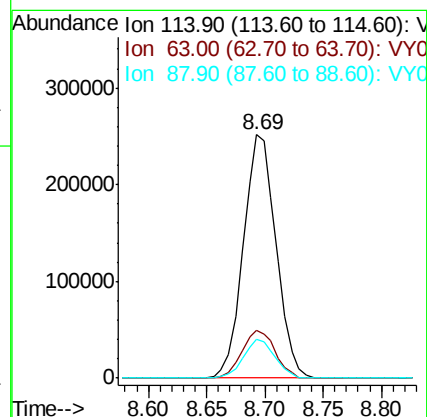
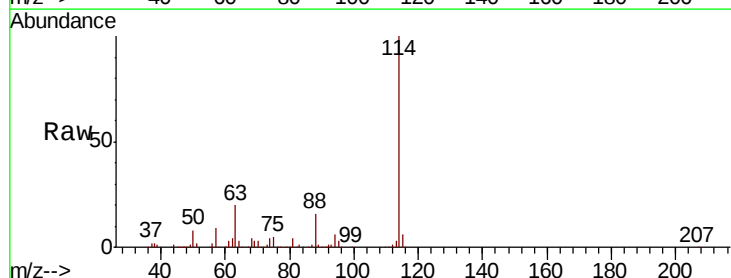
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-120619

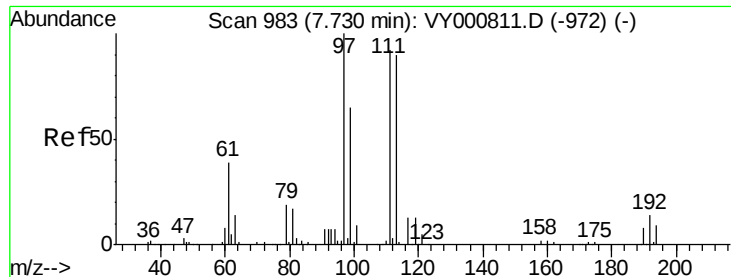
Tot Ion: 65 Resp: 142813
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000911.D
 Acq: 09 Dec 2019 13:15

Tgt Ion: 114 Resp: 492420
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.577 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000911.D

Acq: 09 Dec 2019 13:15

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-120619

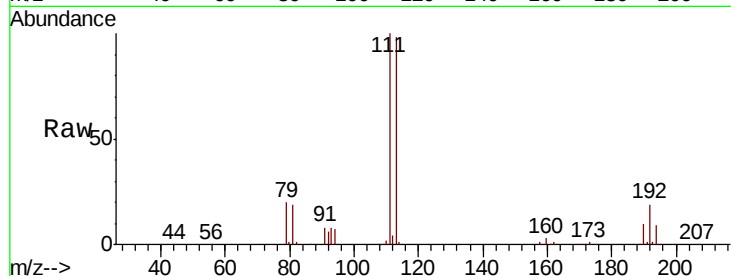
Tot Ion:113 Resp: 136538

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

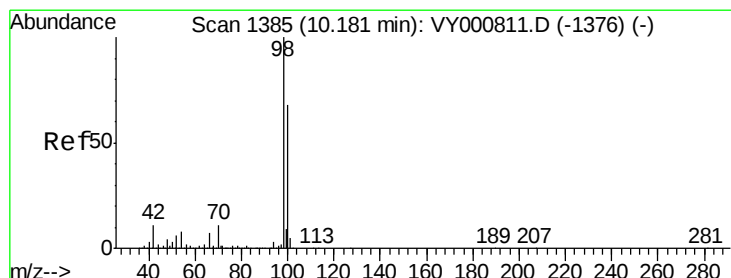
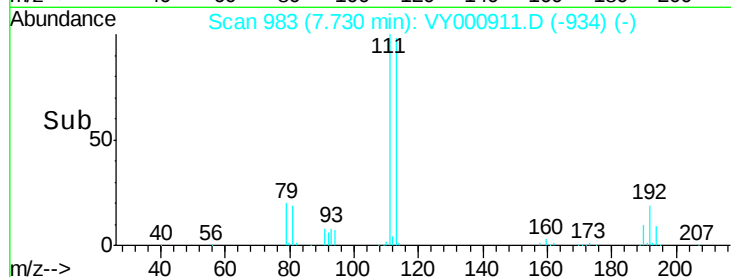
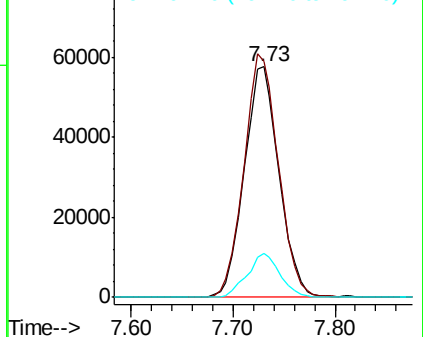
192 17.9 14.2 21.2



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



#50

Toluene-d8

Concen: 50.710 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000911.D

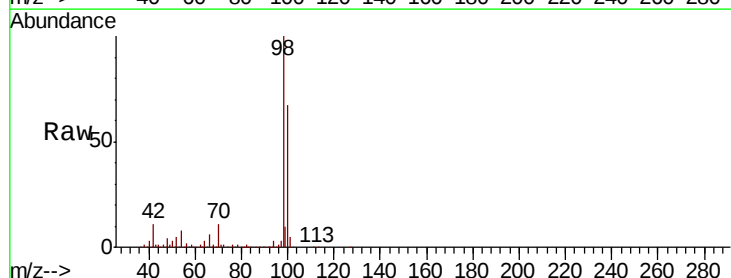
Acq: 09 Dec 2019 13:15

Tgt Ion: 98 Resp: 581813

Ion Ratio Lower Upper

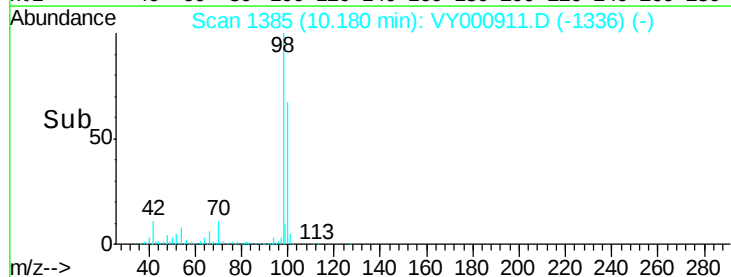
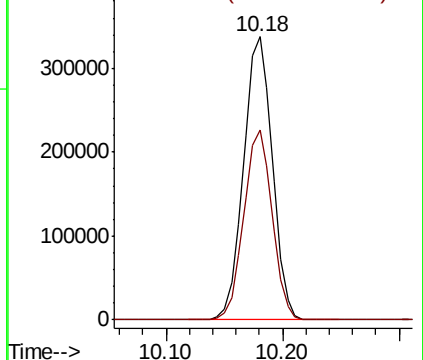
98 100

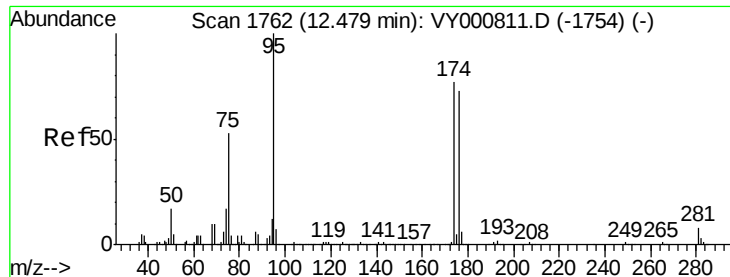
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

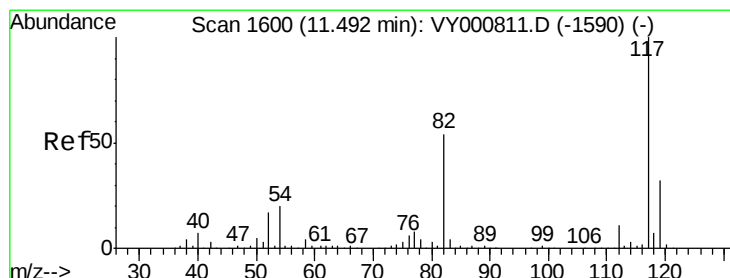
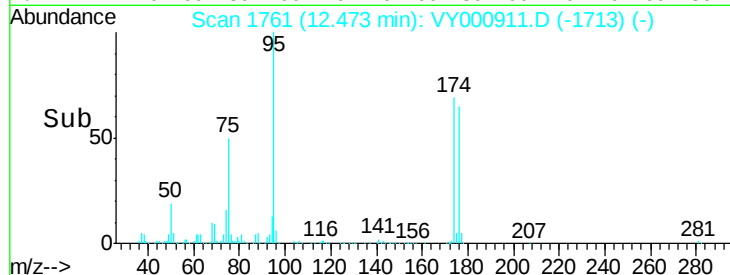
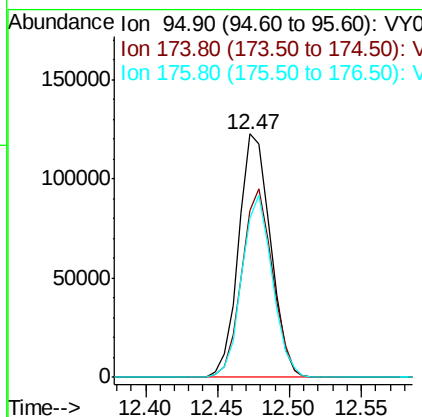
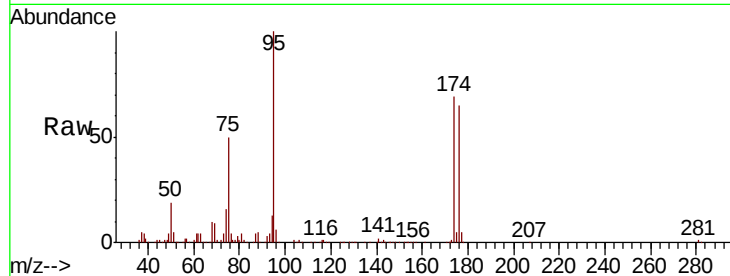




#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

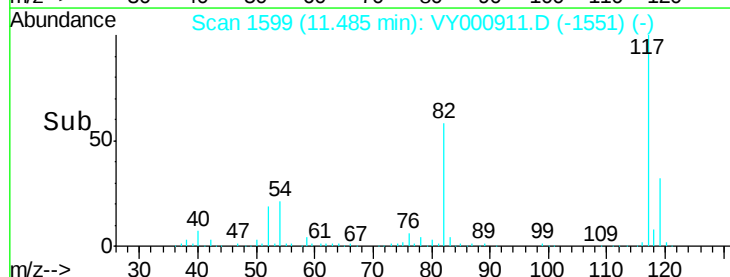
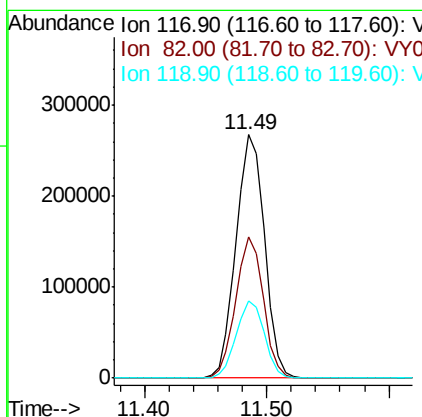
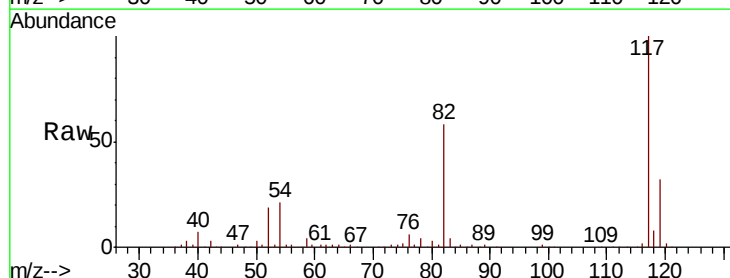
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-120619

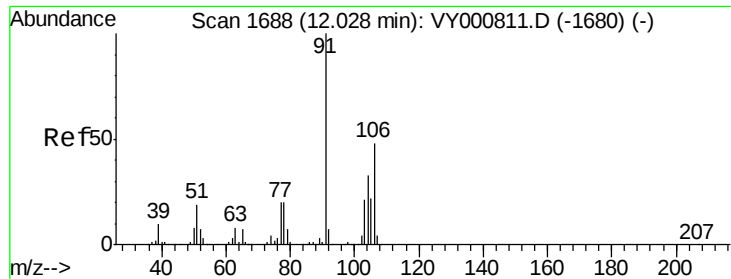
Tot Ion	95	Resp	188490
Ion Ratio	100	Lower	Upper
174	74.9	0.0	150.6
176	71.3	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

Tgt Ion	117	Resp	431674
Ion Ratio	100	Lower	Upper
82	57.9	43.1	64.7
119	31.8	25.3	37.9

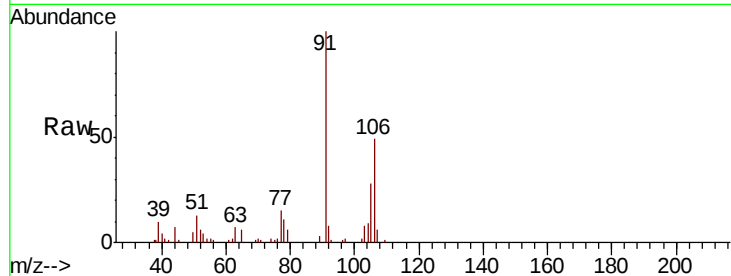




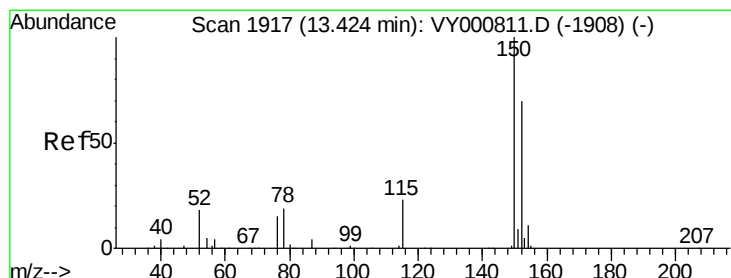
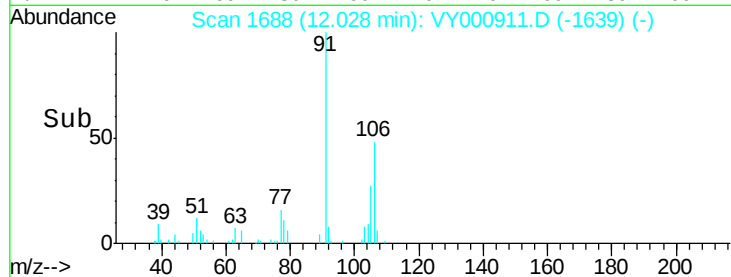
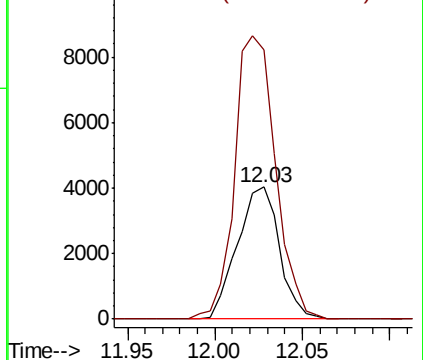
#69
o-Xylene
Concen: 1.152 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-120619

Tot Ion:106 Resp: 6739
Ion Ratio Lower Upper
106 100
91 208.5 106.1 318.1

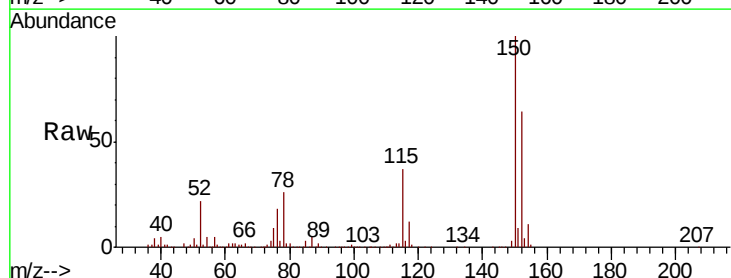


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

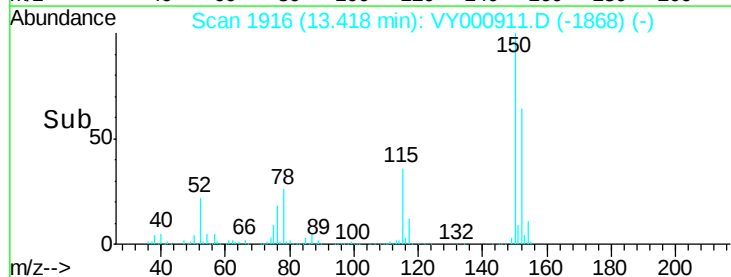
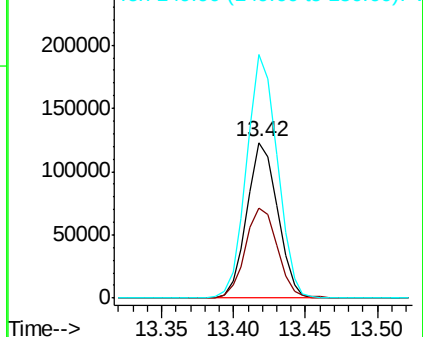


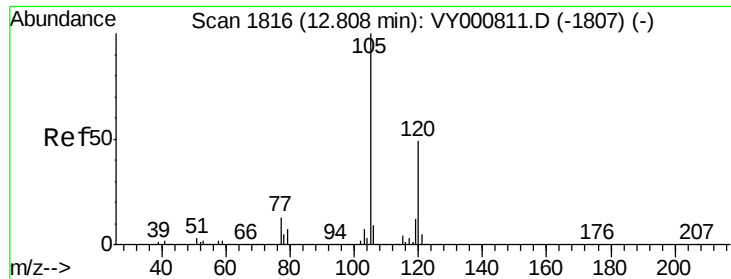
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

Tgt Ion:152 Resp: 181363
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.8
150 156.4 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

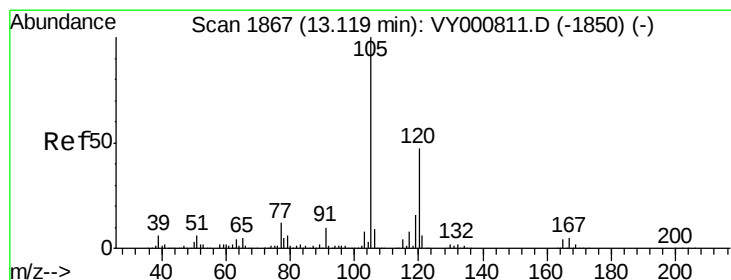
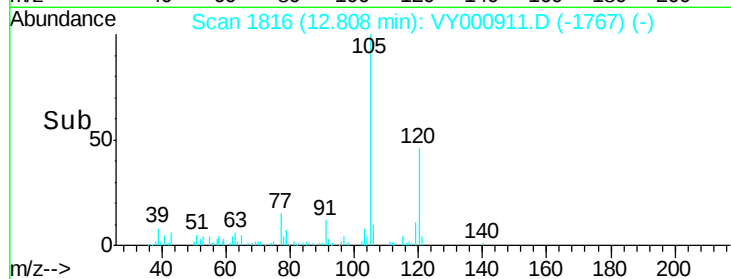
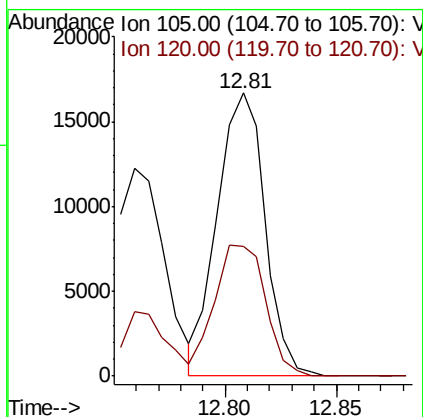
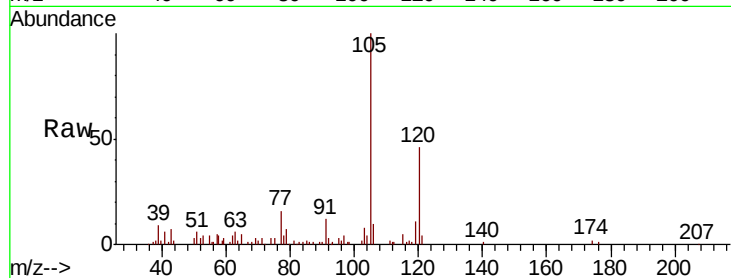




#80
 1,3,5-Trimethylbenzene
 Concen: 2.075 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000911.D
 Acq: 09 Dec 2019 13:15

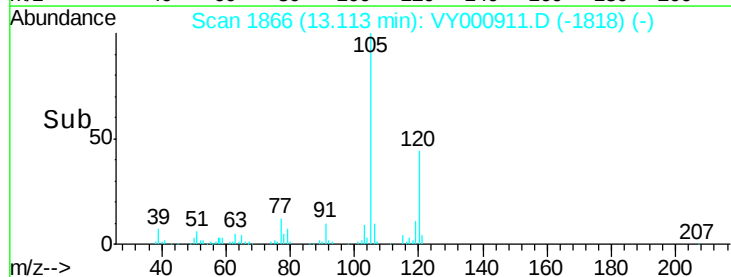
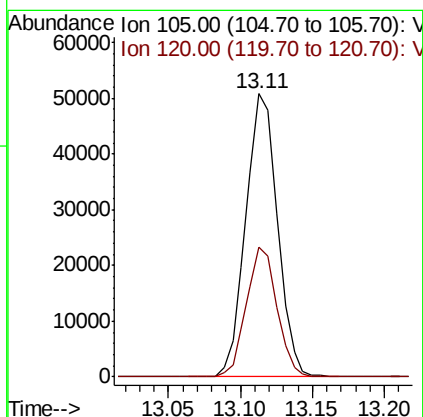
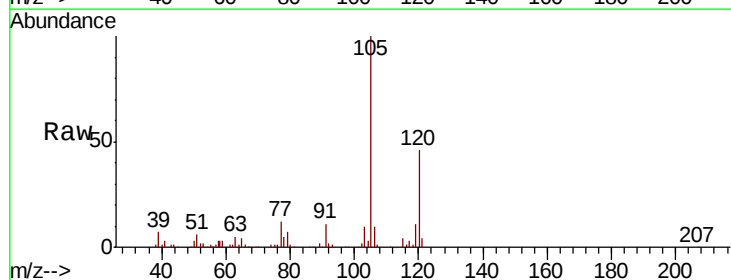
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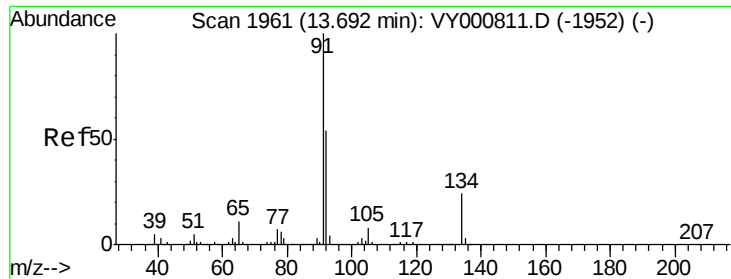
Tot Ion:105 Resp: 24811
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 6.447 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000911.D
 Acq: 09 Dec 2019 13:15

Tgt Ion:105 Resp: 77125
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.8

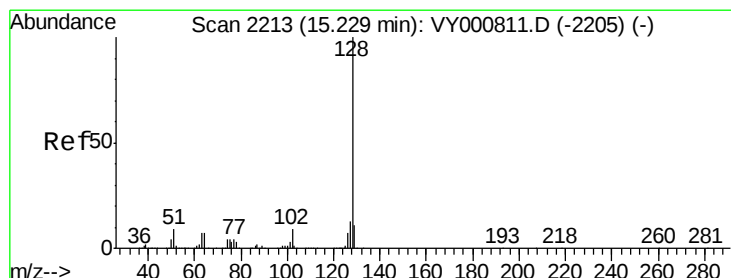
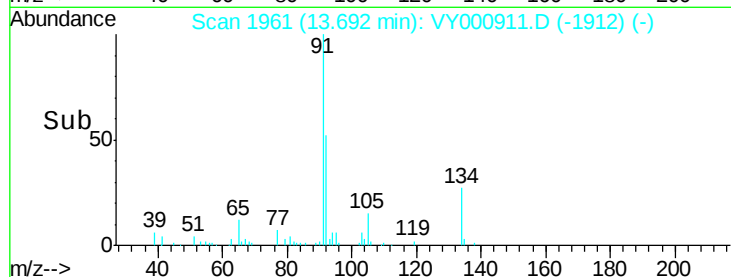
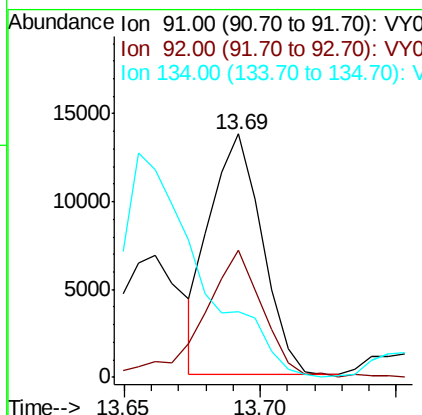
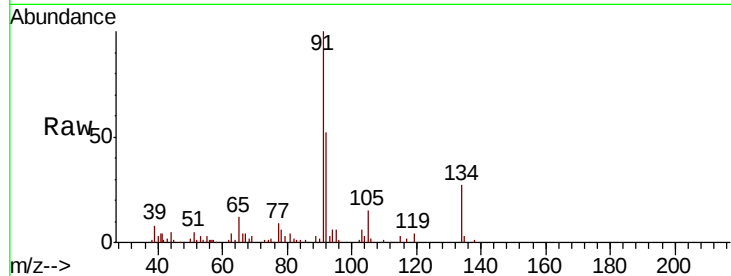




#89
n-Butylbenzene
Concen: 1.416 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-120619

Tot Ion: 91 Resp: 18202
Ion Ratio Lower Upper
91 100
92 60.3 26.9 80.7
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 2.586 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000911.D
Acq: 09 Dec 2019 13:15

Tgt Ion: 128 Resp: 22446
Ion Ratio Lower Upper
128 100
127 15.3 10.1 15.1#
129 17.4 8.8 13.2#

