

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000886.D
 Acq On : 05 Dec 2019 17:04
 Operator : SY/MD
 Sample : K6113-01
 Misc : 7.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-120519

Quant Time: Dec 06 05:27:27 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

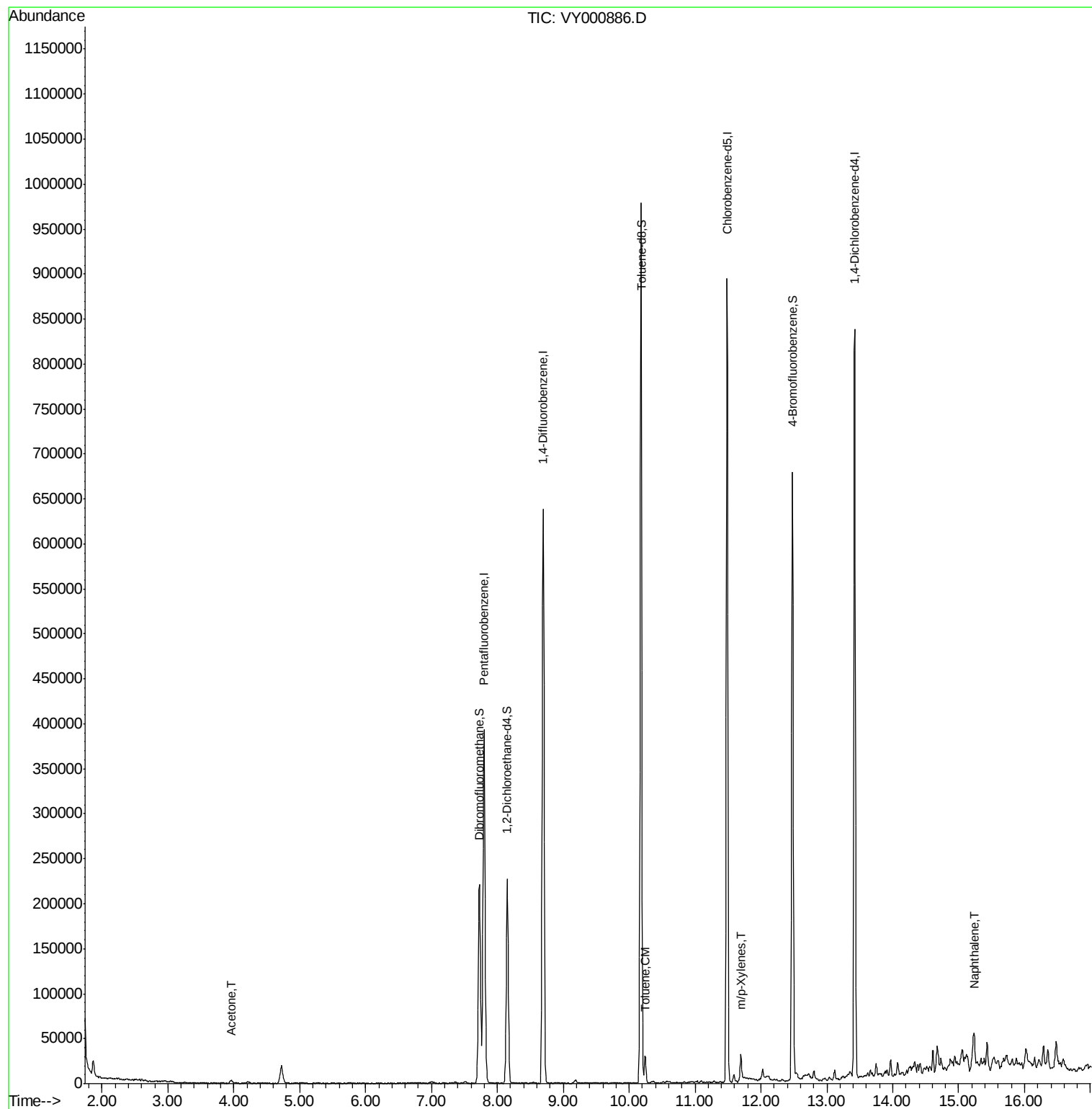
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	482799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	166377	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.73	113	156341	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.18	98	648624	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.48	95	217314	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
16) Acetone	3.97	43	5696	7.878	ug/l #	87
52) Toluene	10.24	92	12703	1.295	ug/l	97
68) m/p-Xylenes	11.70	106	9178	1.308	ug/l	99
95) Naphthalene	15.23	128	24869	2.520	ug/l #	89

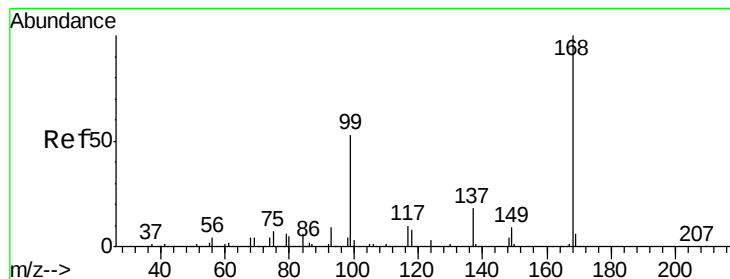
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 994

Delta R.T. -0.01 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

Instrument :

MSVOA_Y

ClientSampled :

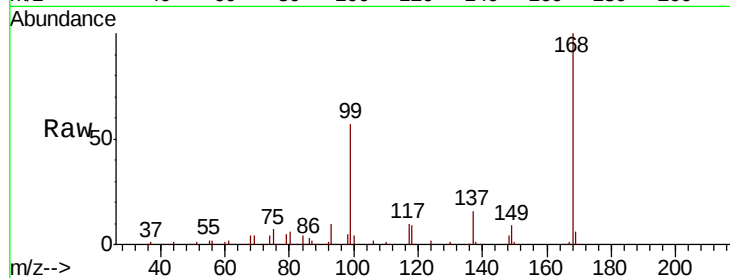
OR-03-120519

Tot Ion:168 Resp: 296605

Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000886.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000886.D (-946) (-)

7.80

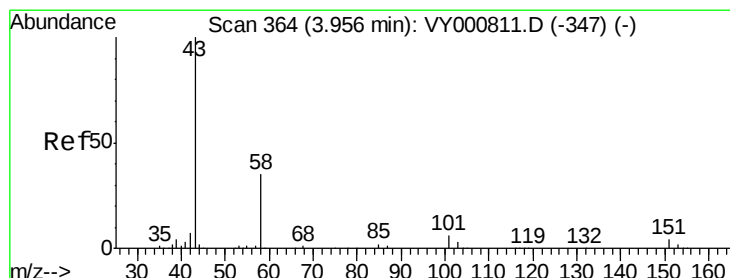
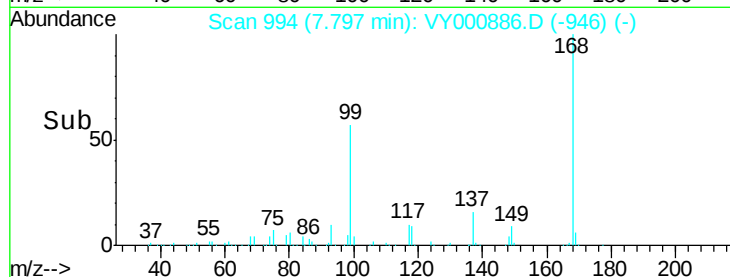
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 7.878 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000886.D

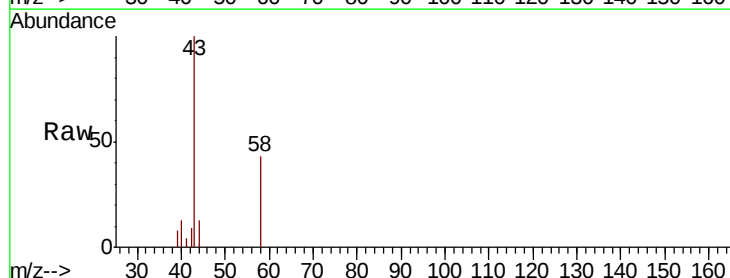
Acq: 05 Dec 2019 17:04

Tgt Ion: 43 Resp: 5696

Ion Ratio Lower Upper

43 100

58 42.8 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000886.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000886.D (-315) (-)

3.97

2000

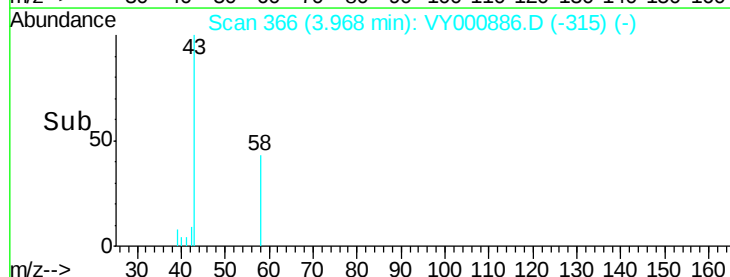
1500

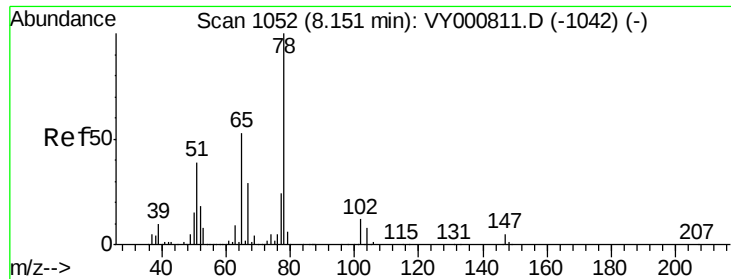
1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05





#33

1,2-Dichloroethane-d4

Concen: 52.790 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

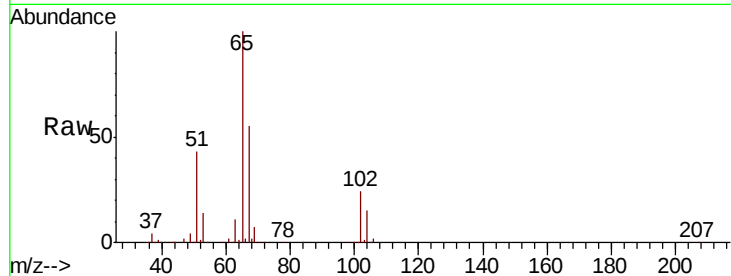
OR-03-120519

Tot Ion: 65 Resp: 166377

Ion Ratio Lower Upper

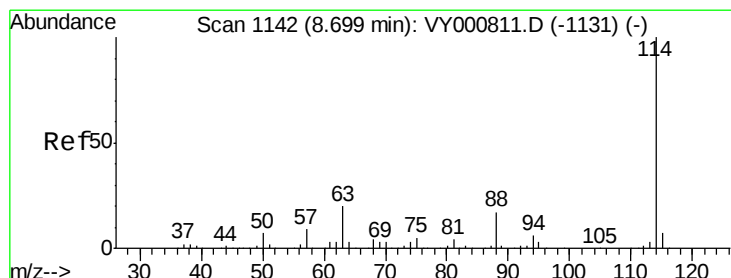
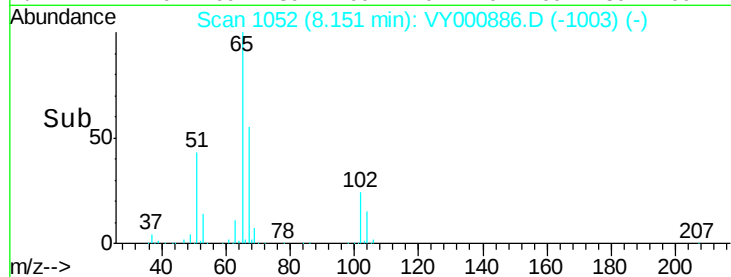
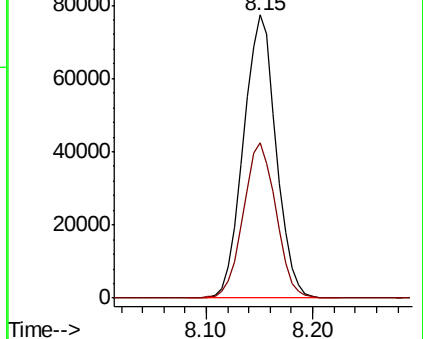
65 100

67 55.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000886.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000886.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

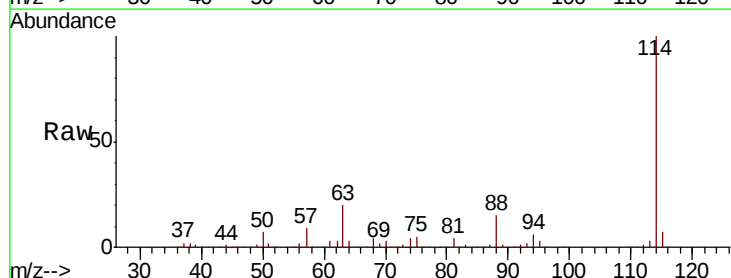
Tgt Ion: 114 Resp: 547053

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

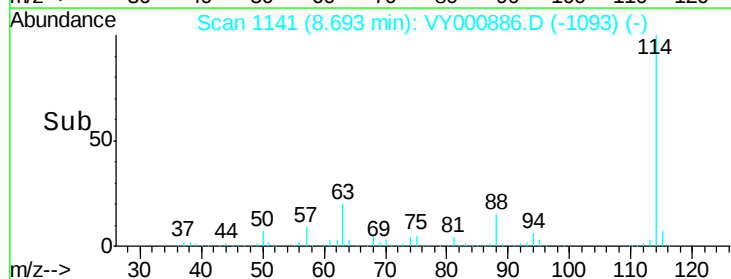
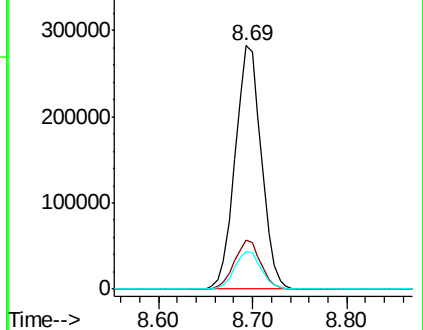
88 15.3 0.0 33.2

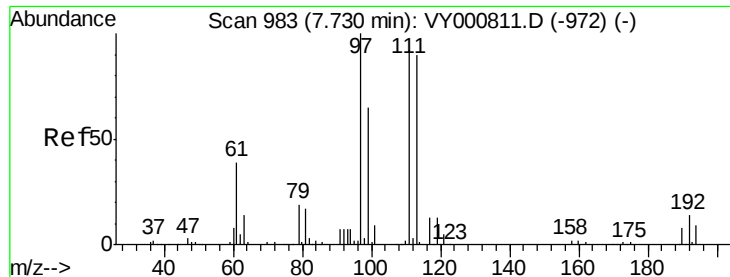


Abundance Ion 113.90 (113.60 to 114.60): VY000886.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY000886.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000886.D (-1093) (-)





#35

Dibromofluoromethane

Concen: 49.037 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-120519

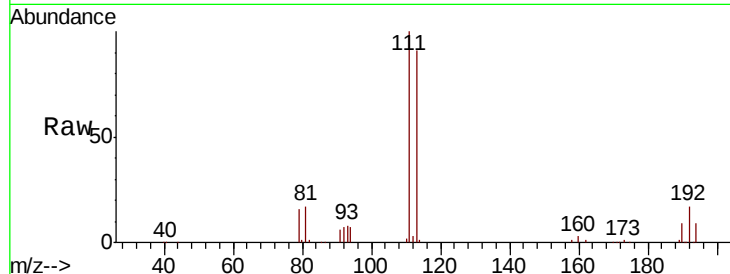
Tot Ion:113 Resp: 156341

Ion Ratio Lower Upper

113 100

111 105.9 82.4 123.6

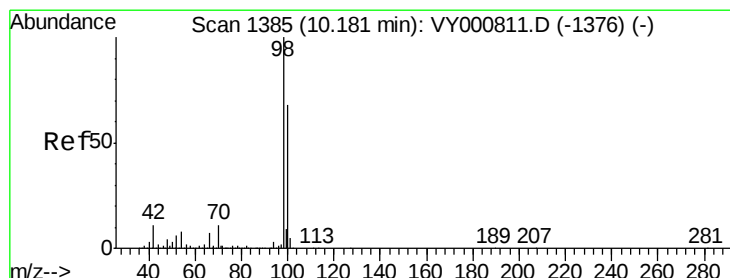
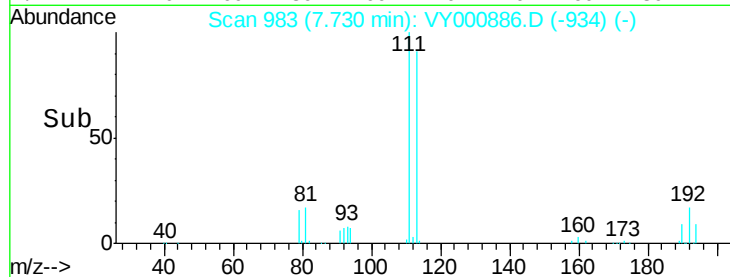
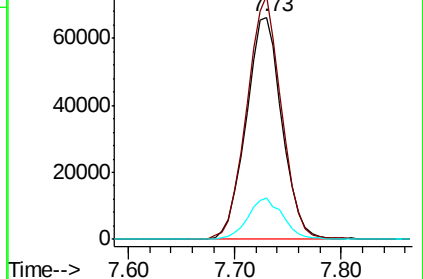
192 18.1 14.2 21.2



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: 50.887 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000886.D

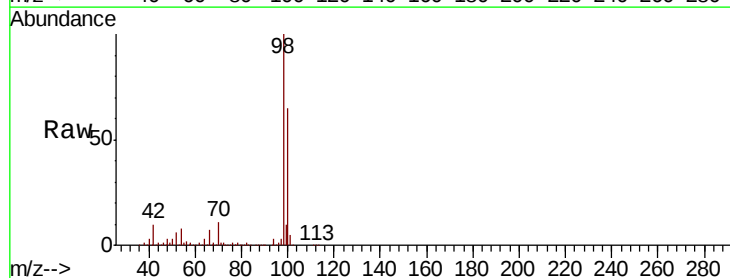
Acq: 05 Dec 2019 17:04

Tgt Ion: 98 Resp: 648624

Ion Ratio Lower Upper

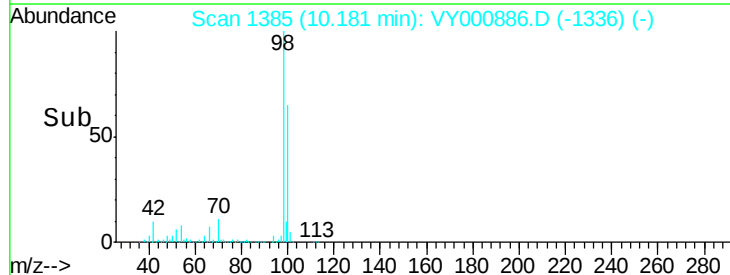
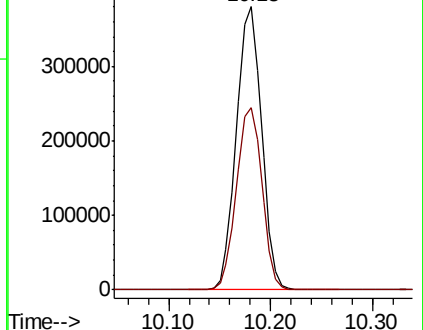
98 100

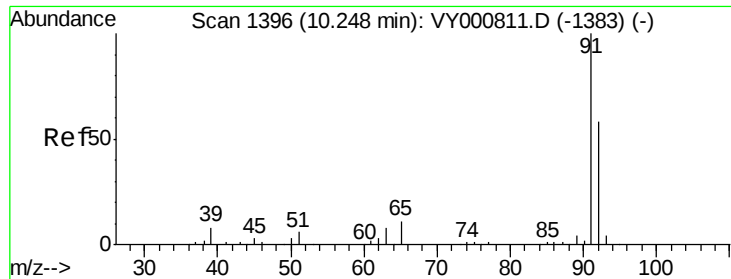
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#52

Toluene

Concen: 1.295 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

Instrument :

MSVOA_Y

ClientSampleId :

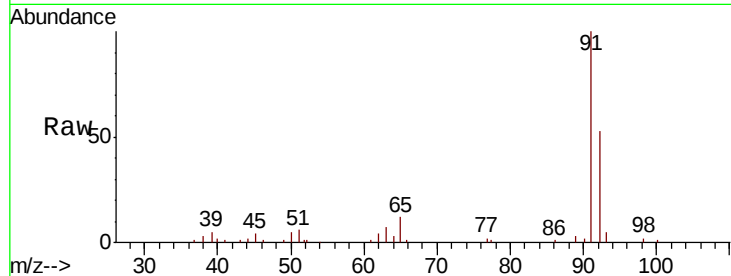
OR-03-120519

Tot Ion: 92 Resp: 12703

Ion Ratio Lower Upper

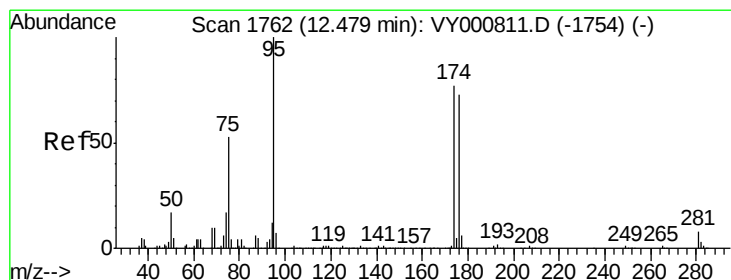
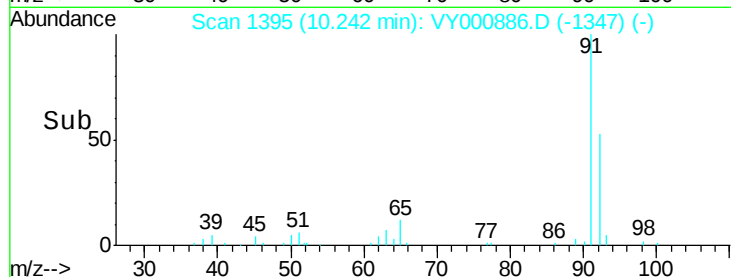
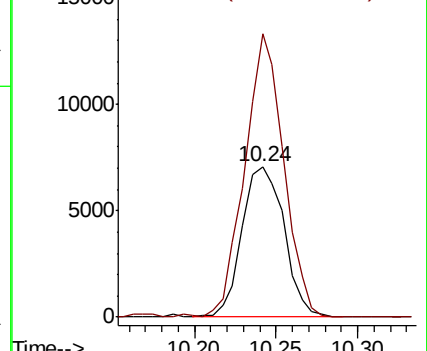
92 100

91 174.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000886.D

Acq: 05 Dec 2019 17:04

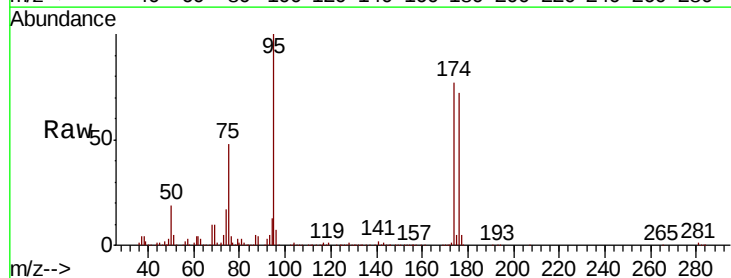
Tgt Ion: 95 Resp: 217314

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

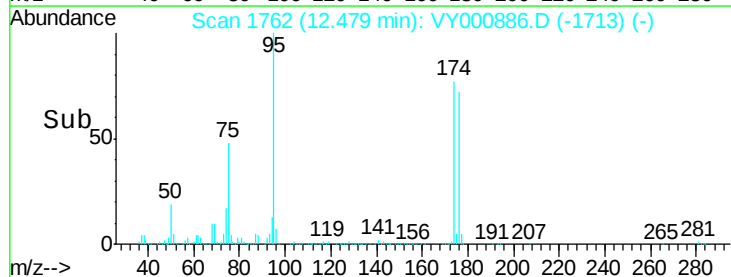
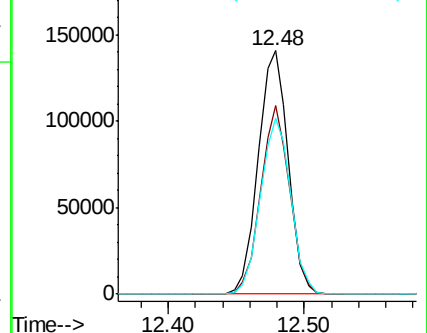
176 73.1 0.0 145.2

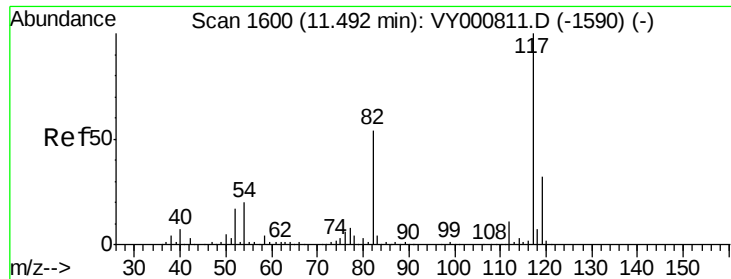


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

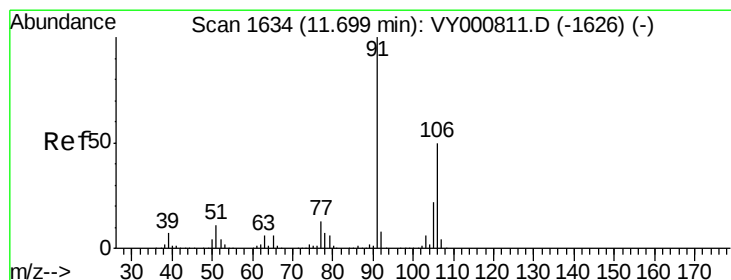
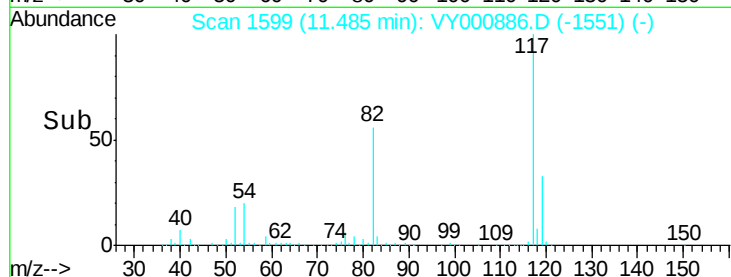
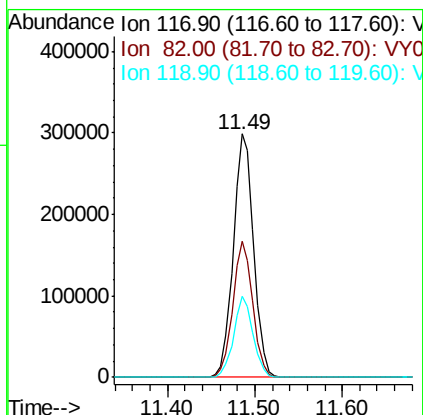
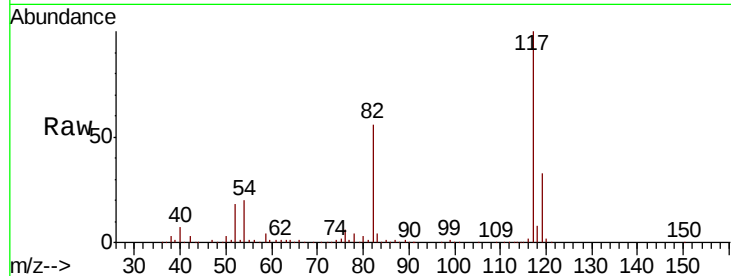




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000886.D
Acq: 05 Dec 2019 17:04

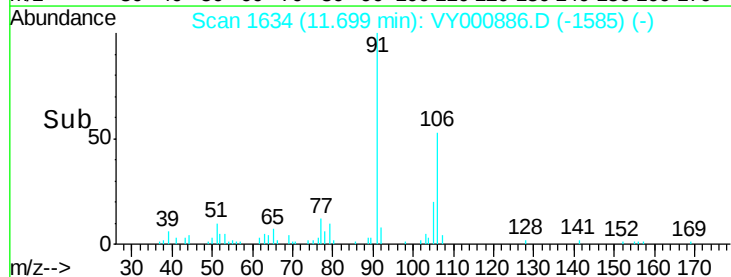
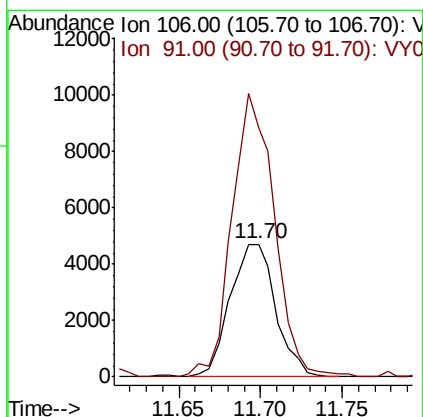
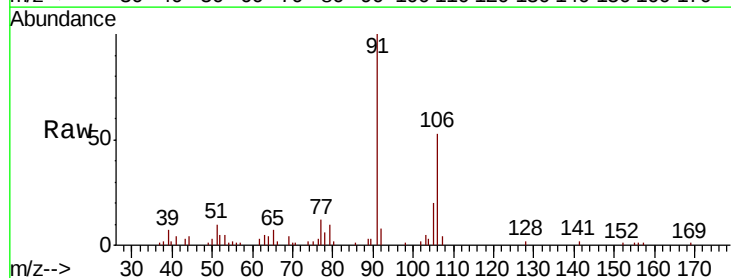
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120519

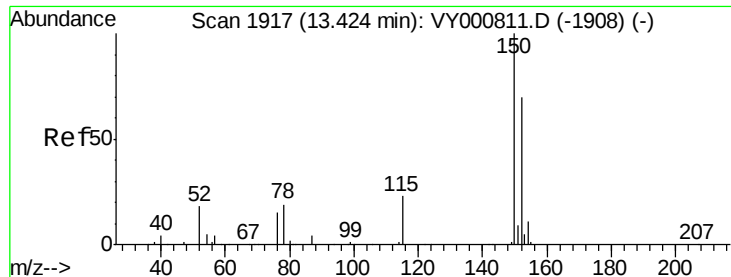
Tot Ion:117 Resp: 482799
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 33.0 25.3 37.9



#68
m/p-Xylenes
Concen: 1.308 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000886.D
Acq: 05 Dec 2019 17:04

Tgt Ion:106 Resp: 9178
Ion Ratio Lower Upper
106 100
91 198.3 159.6 239.4



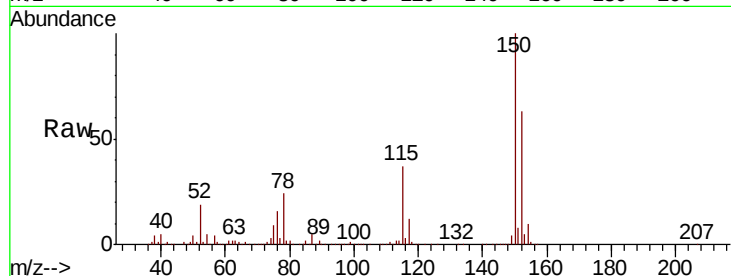


#72

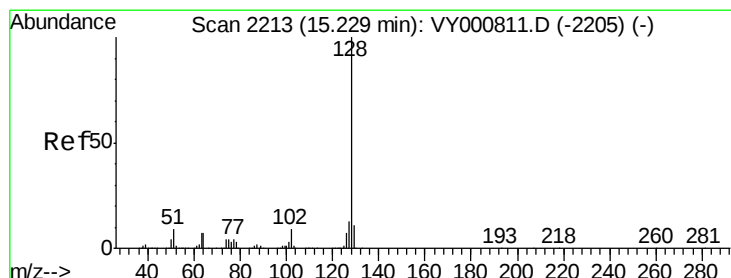
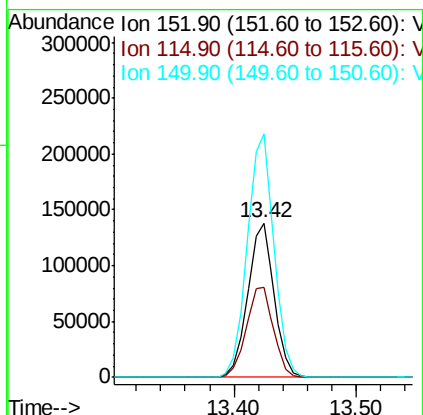
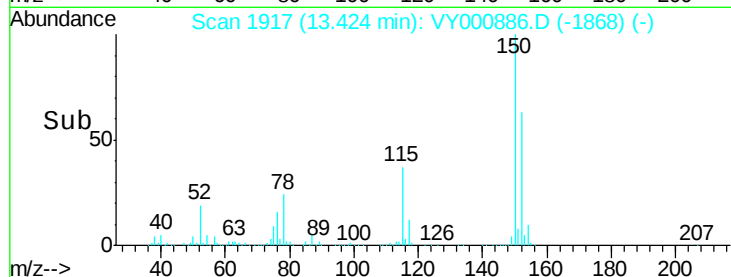
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000886.D
Acq: 05 Dec 2019 17:04

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.3	87.8
150	159.8	0.0	351.2



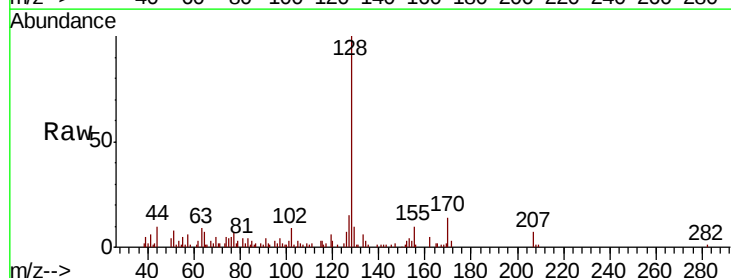
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.520 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000886.D
Acq: 05 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.1	15.1#
129	15.0	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

