

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000304.D
 Acq On : 14 Oct 2019 17:08
 Operator : SY/MD
 Sample : K5355-02
 Misc : 6.39g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-31

Quant Time: Oct 15 02:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

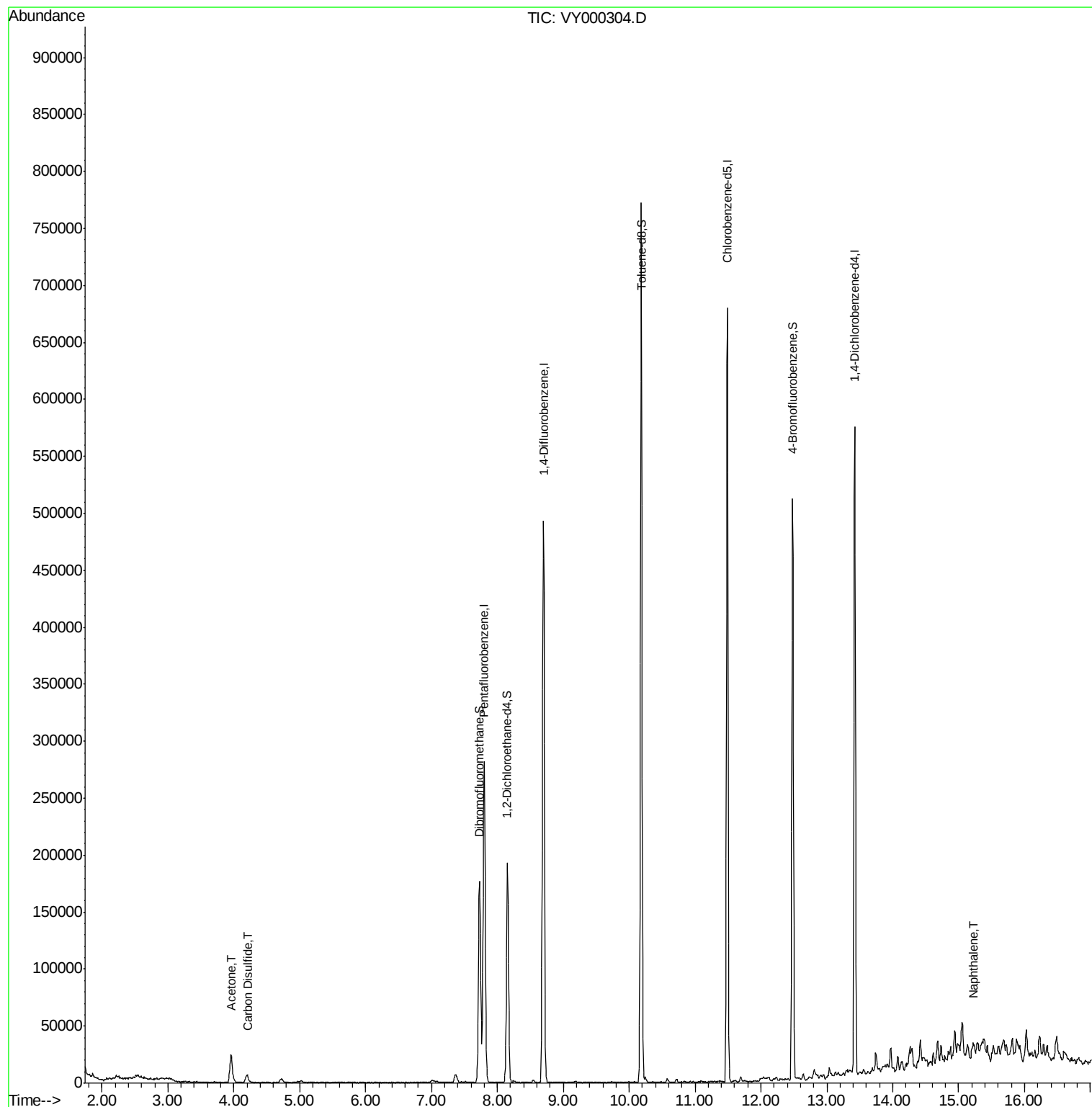
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	426681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144638	62.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.10%	
35) Dibromofluoromethane	7.73	113	121839	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.18	98	496093	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.48	95	154230	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
Target Compounds						
16) Acetone	3.96	43	41382	54.821	ug/l	98
17) Carbon Disulfide	4.21	76	12732	1.812	ug/l #	95
95) Naphthalene	15.23	128	8652	1.304	ug/l #	86

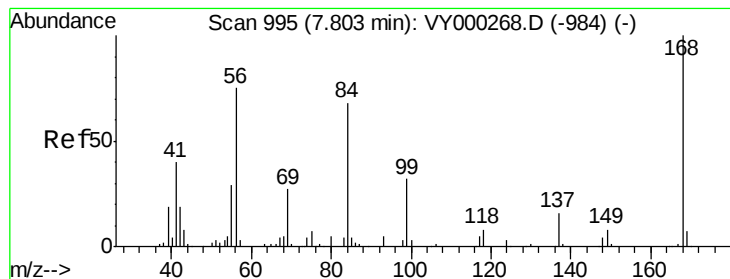
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000304.D

Acq: 14 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

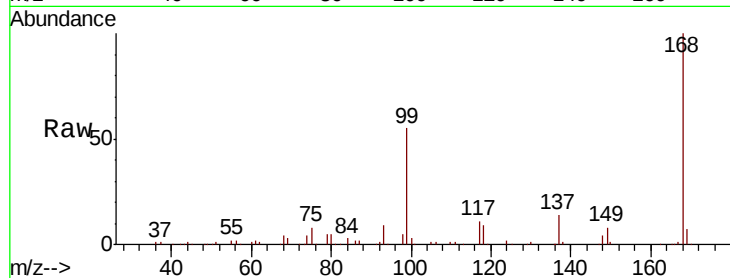
VOC-31

Tot Ion:168 Resp: 220975

Ion Ratio Lower Upper

168 100

99 54.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000304.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000304.D (-946) (-)

7.80

100000

80000

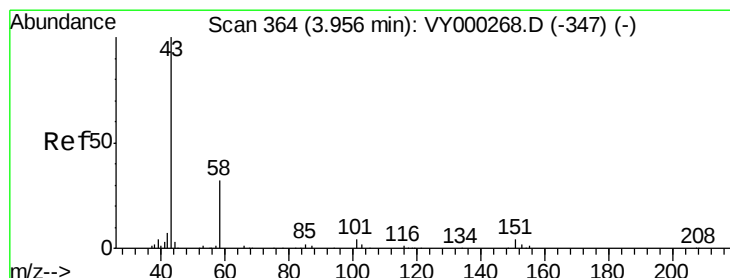
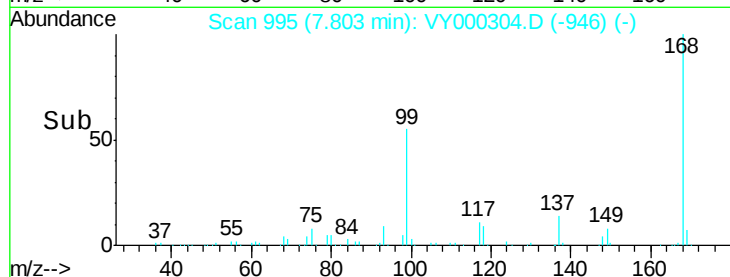
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 54.821 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000304.D

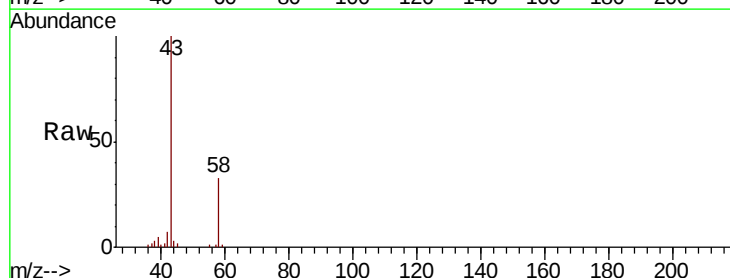
Acq: 14 Oct 2019 17:08

Tgt Ion: 43 Resp: 41382

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000304.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000304.D (-315) (-)

3.96

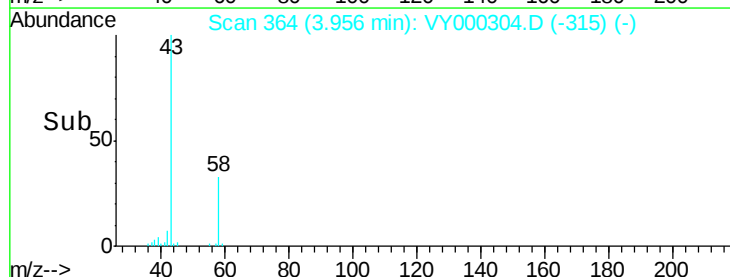
15000

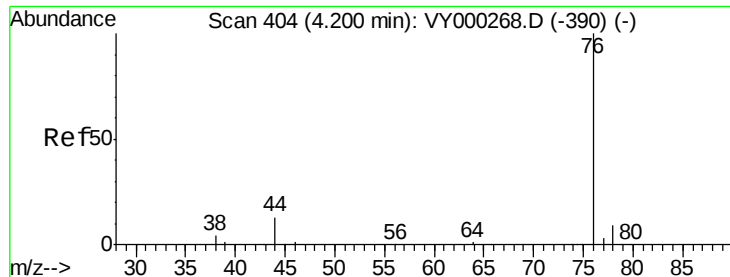
10000

5000

0

Time-->

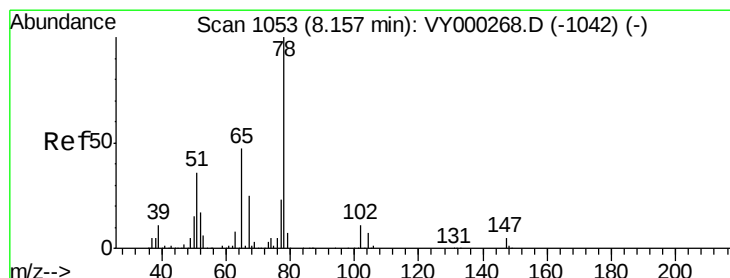
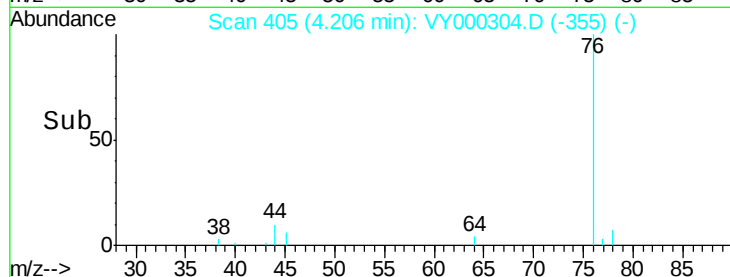
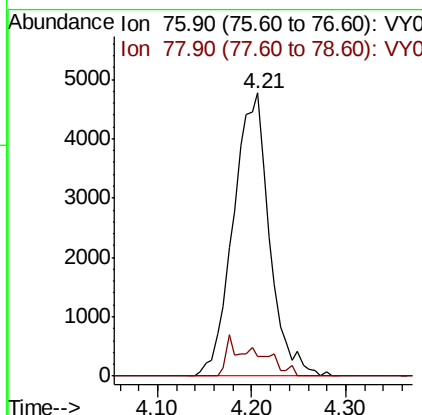
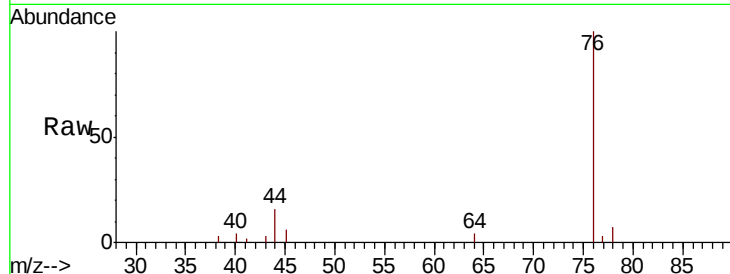




#17
Carbon Disulfide
Concen: 1.812 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000304.D
Acq: 14 Oct 2019 17:08

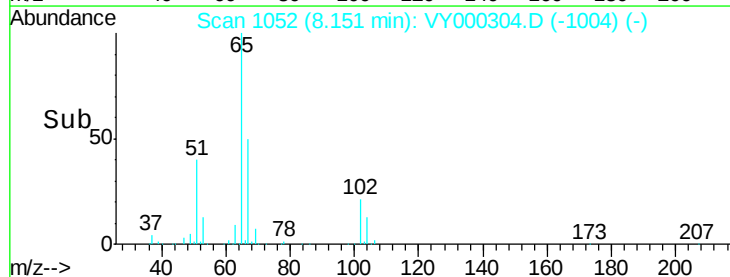
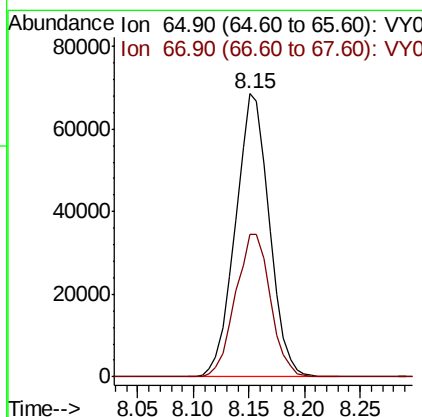
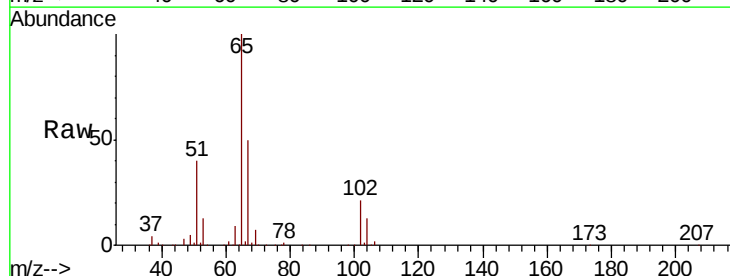
Instrument :
MSVOA_Y
ClientSampled :
VOC-31

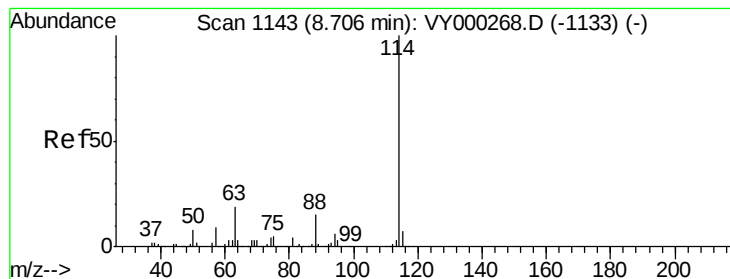
Tot Ion: 76 Resp: 12732
Ion Ratio Lower Upper
76 100
78 6.9 7.0 10.4#



#33
1,2-Dichloroethane-d4
Concen: 62.051 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000304.D
Acq: 14 Oct 2019 17:08

Tgt Ion: 65 Resp: 144638
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000304.D

Acq: 14 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VOC-31

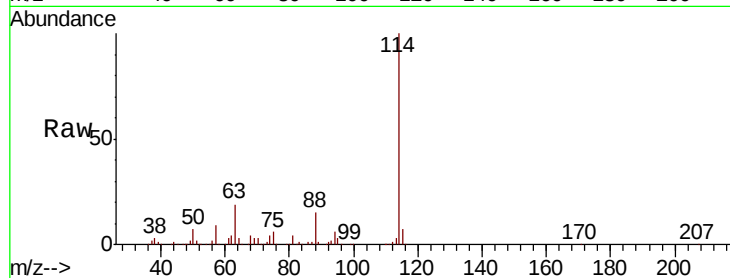
Tot Ion:114 Resp: 426681

Ion Ratio Lower Upper

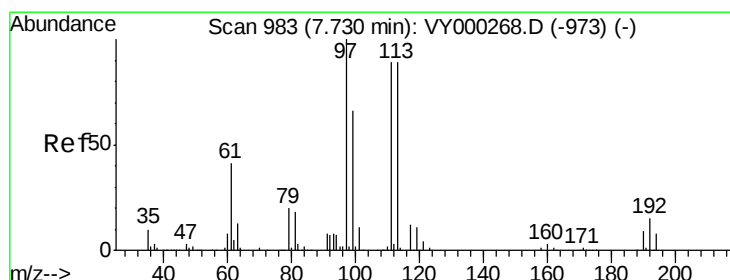
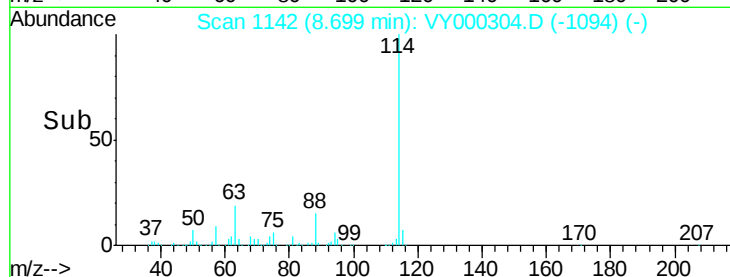
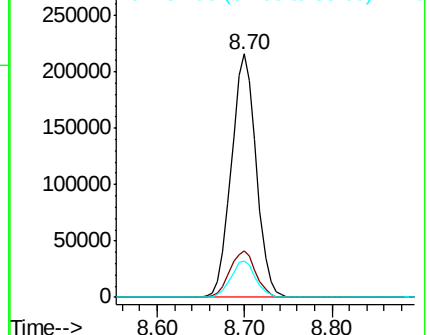
114 100

63 19.2 0.0 37.2

88 15.1 0.0 30.2



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: 47.339 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000304.D

Acq: 14 Oct 2019 17:08

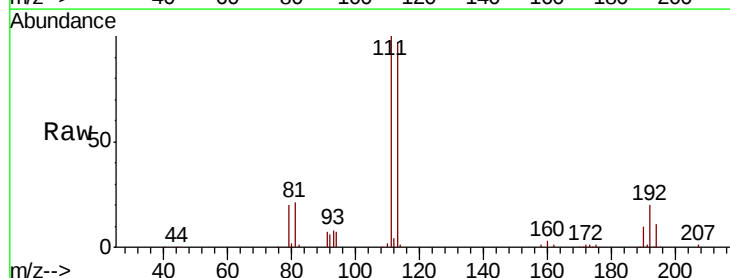
Tgt Ion:113 Resp: 121839

Ion Ratio Lower Upper

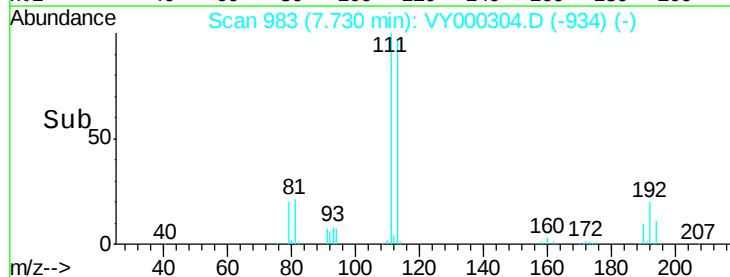
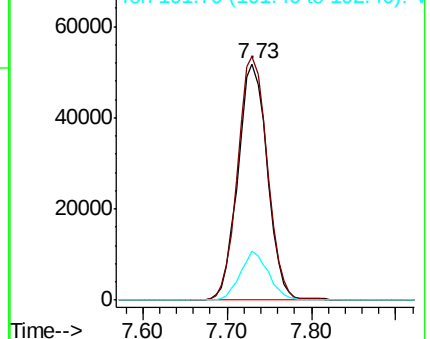
113 100

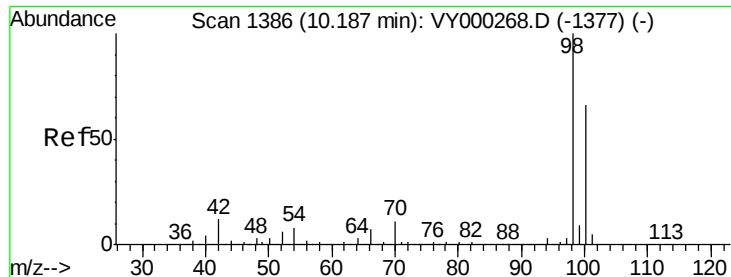
111 104.0 81.6 122.4

192 19.7 15.3 22.9



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: 50.107 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000304.D

Acq: 14 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

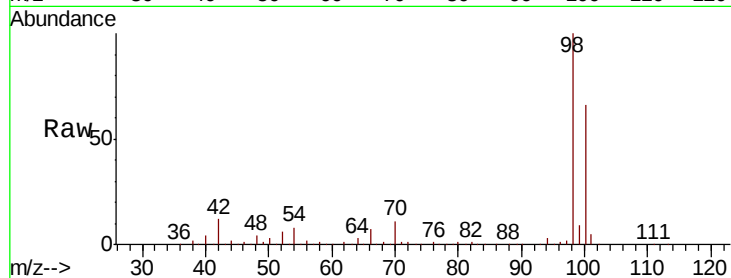
VOC-31

Tot Ion: 98 Resp: 496093

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000268.D (-1377) (-)

10.18

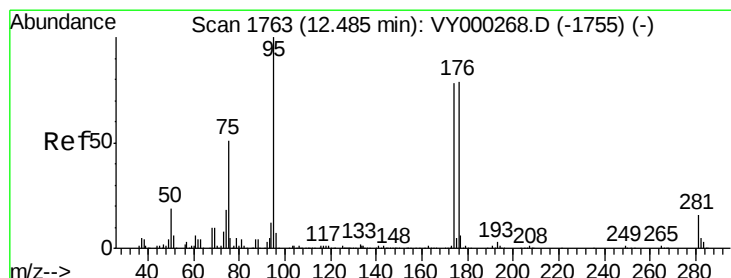
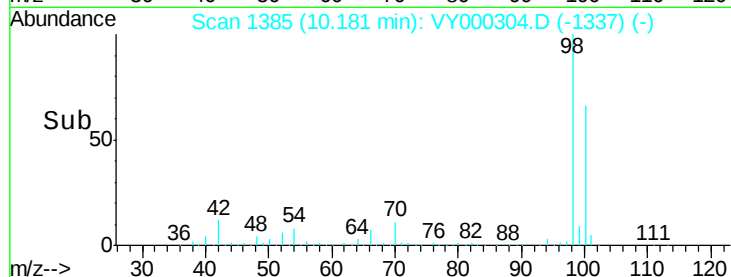
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.004 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000304.D

Acq: 14 Oct 2019 17:08

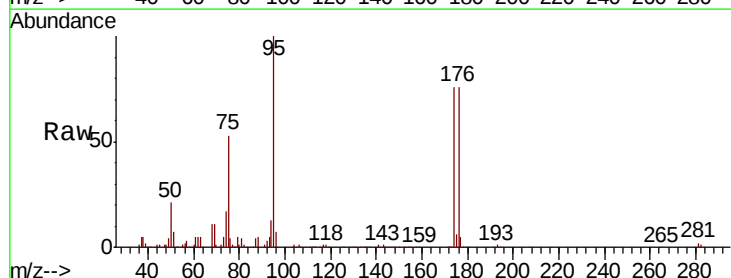
Tgt Ion: 95 Resp: 154230

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

176 77.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

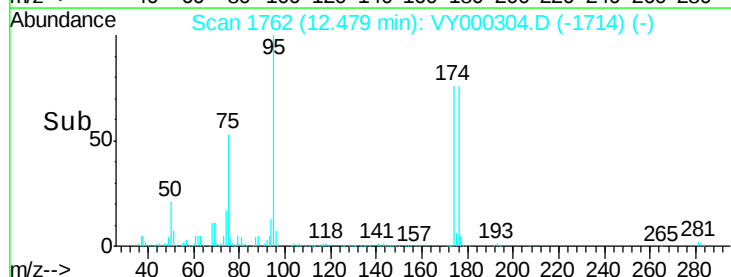
12.48

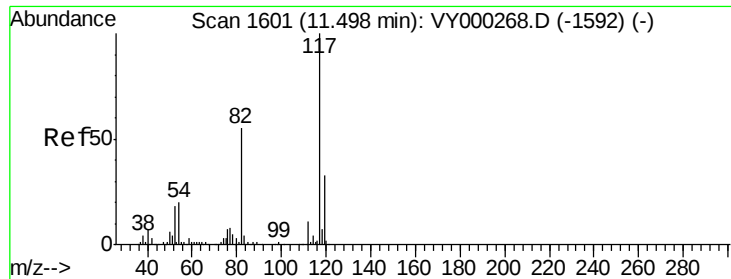
100000

50000

0

Time-->

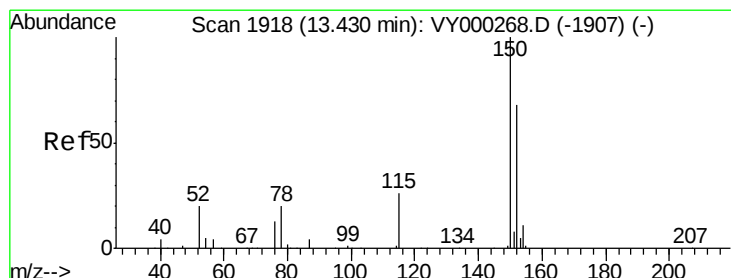
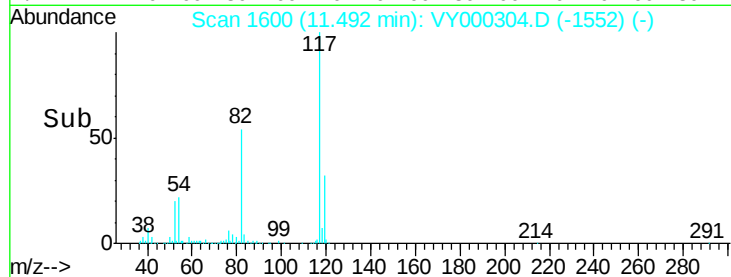
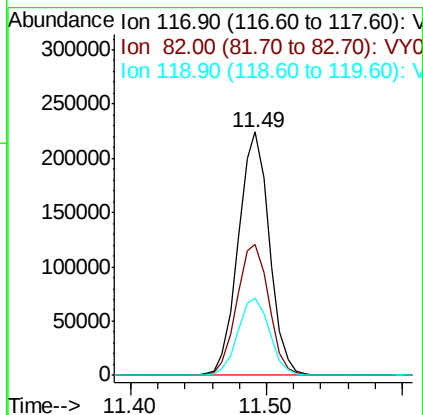
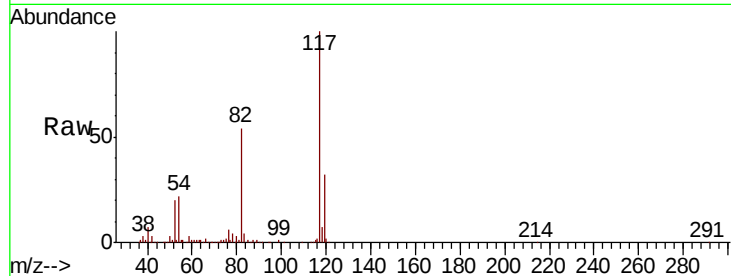




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000304.D
Acq: 14 Oct 2019 17:08

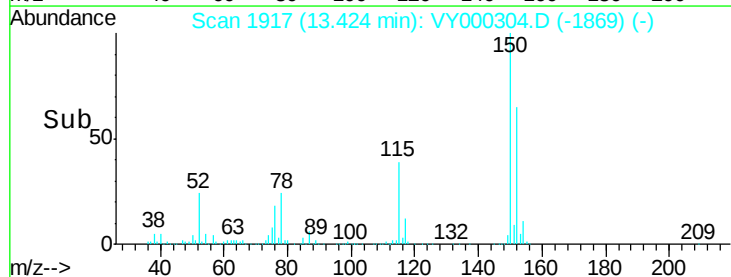
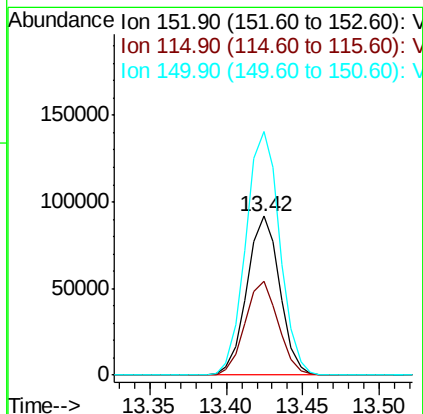
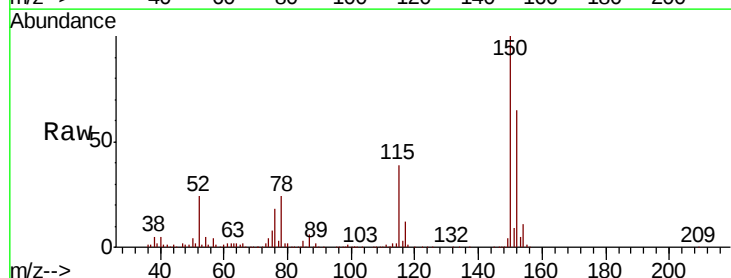
Instrument :
MSVOA_Y
ClientSampleId :
VOC-31

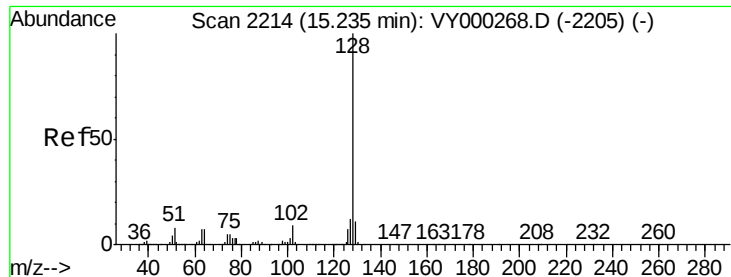
Tot Ion:117 Resp: 357607
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000304.D
Acq: 14 Oct 2019 17:08

Tgt Ion:152 Resp: 137988
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 157.8 0.0 348.4





#95

Naphthalene

Concen: 1.304 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000304.D

Acq: 14 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VOC-31

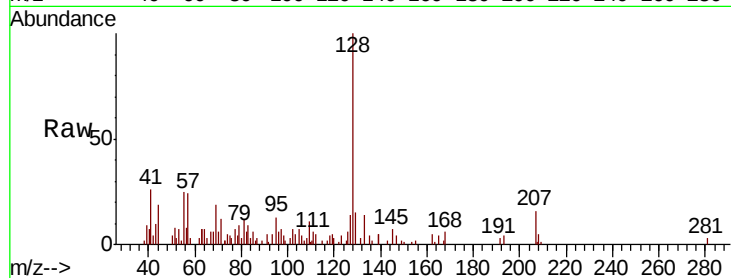
Tot Ion:128 Resp: 8652

Ion Ratio Lower Upper

128 100

127 16.3 9.6 14.4#

129 17.3 8.7 13.1#



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

