

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000305.D
 Acq On : 14 Oct 2019 17:31
 Operator : SY/MD
 Sample : K5355-05
 Misc : 6.12g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-32

Quant Time: Oct 15 02:12:08 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

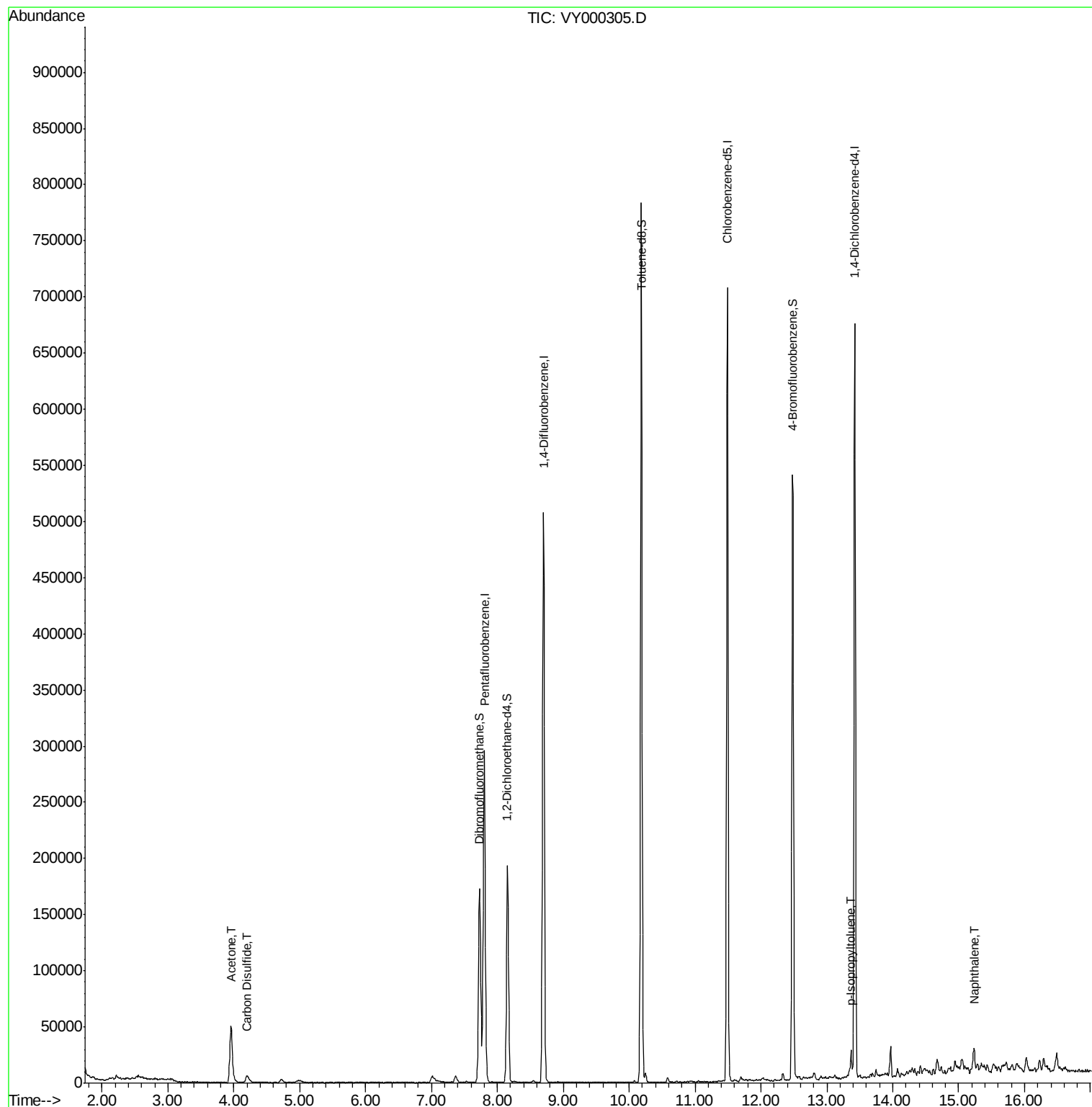
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	426381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	145835	62.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.44%	
35) Dibromofluoromethane	7.73	113	116901	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
50) Toluene-d8	10.18	98	505490	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	163966	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
16) Acetone	3.96	43	84012	111.578	ug/l	98
17) Carbon Disulfide	4.19	76	10143	1.447	ug/l #	91
86) p-Isopropyltoluene	13.37	119	11185	1.017	ug/l	95
95) Naphthalene	15.23	128	12523	1.654	ug/l #	93

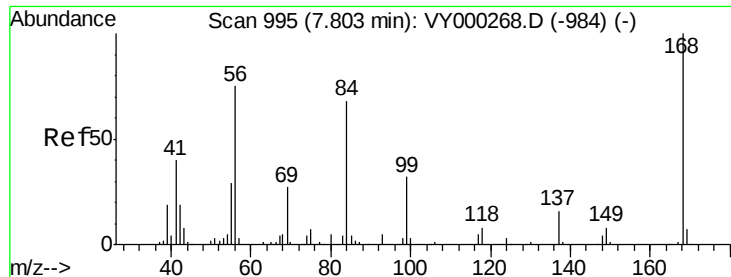
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY000305.D
Acq On : 14 Oct 2019 17:31
Operator : SY/MD
Sample : K5355-05
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MSVOA_Y
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Quant Time: Oct 15 02:12:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 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: VY000305.D

Acq: 14 Oct 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

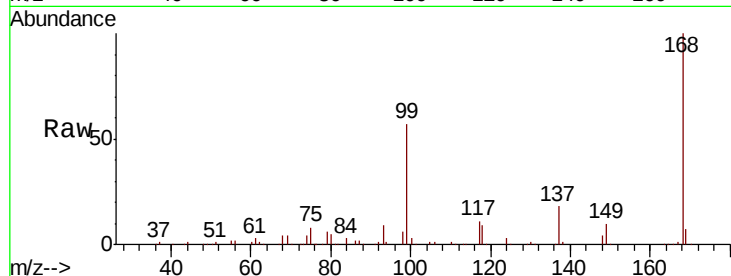
VOC-32

Tot Ion:168 Resp: 220414

Ion Ratio Lower Upper

168 100

99 57.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000305.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000305.D (-946) (-)

7.80

100000

80000

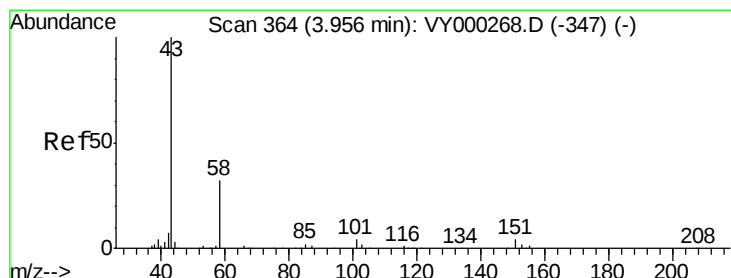
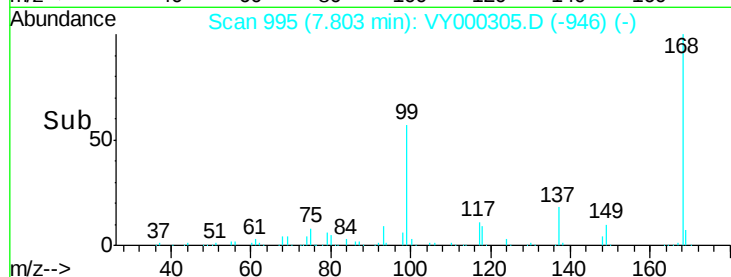
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 111.578 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000305.D

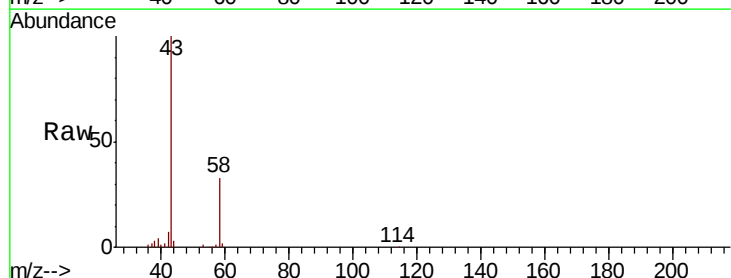
Acq: 14 Oct 2019 17:31

Tgt Ion: 43 Resp: 84012

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000305.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000305.D (-315) (-)

3.96

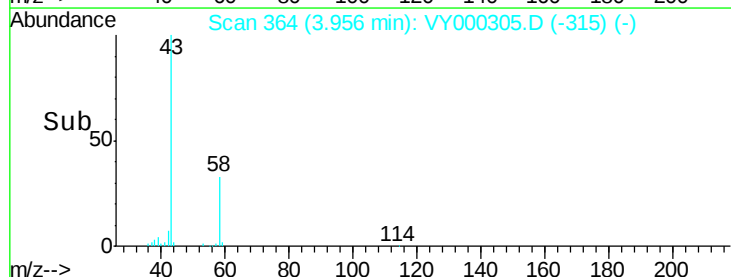
30000

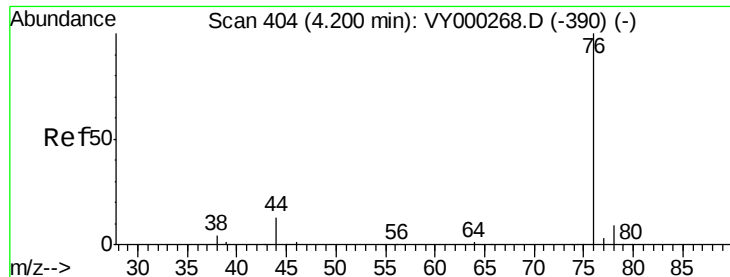
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 1.447 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000305.D

Acq: 14 Oct 2019 17:31

Instrument :

MSVOA_Y

ClientSampled :

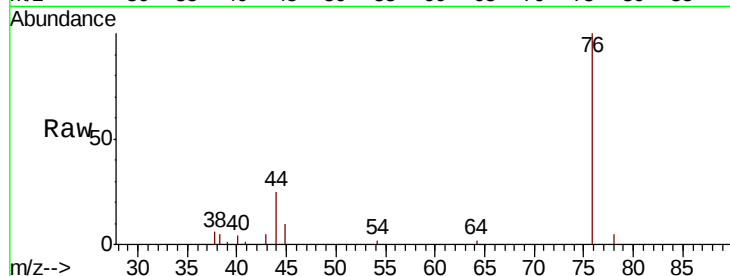
VOC-32

Tot Ion: 76 Resp: 10143

Ion Ratio Lower Upper

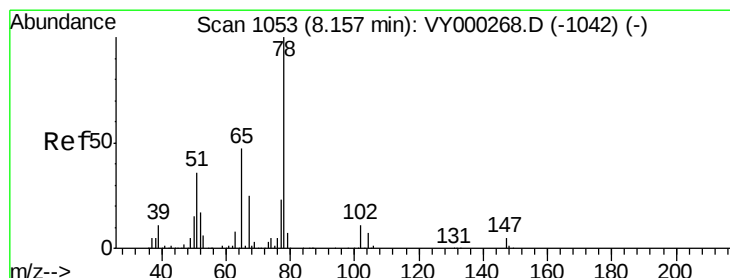
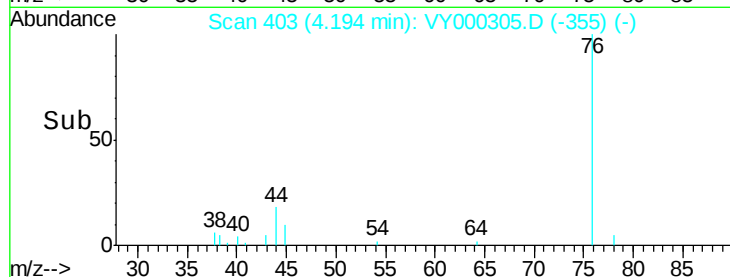
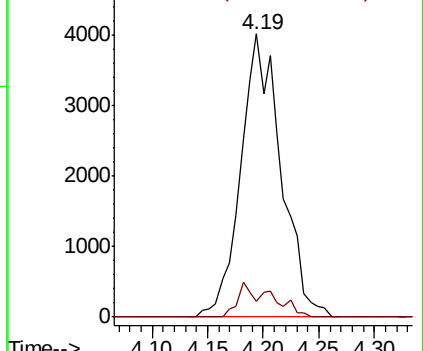
76 100

78 5.4 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 62.724 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000305.D

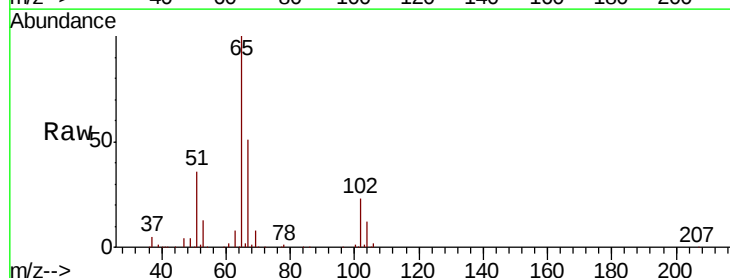
Acq: 14 Oct 2019 17:31

Tgt Ion: 65 Resp: 145835

Ion Ratio Lower Upper

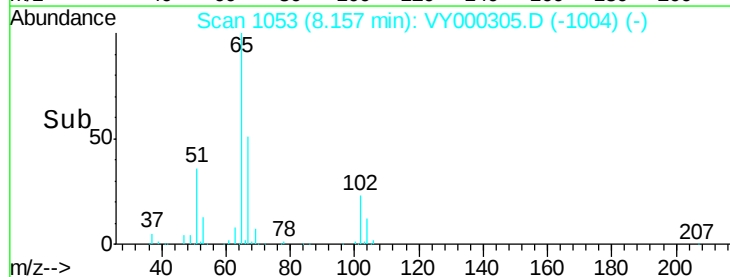
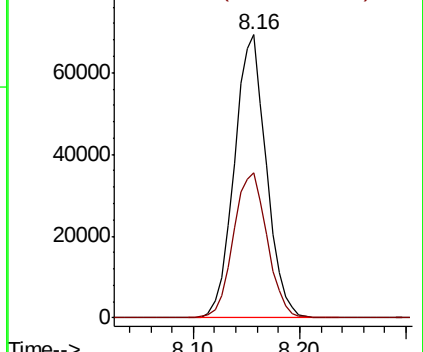
65 100

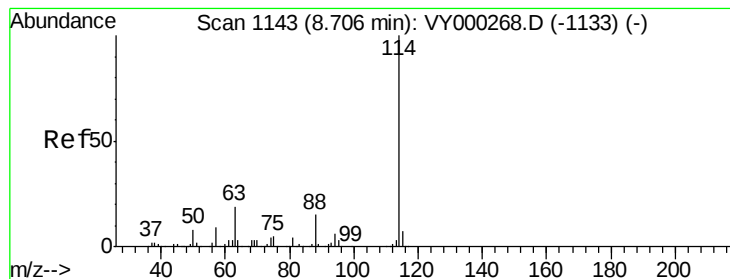
67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000305.D

Acq: 14 Oct 2019 17:31

Instrument :

MSVOA_Y

ClientSampled :

VOC-32

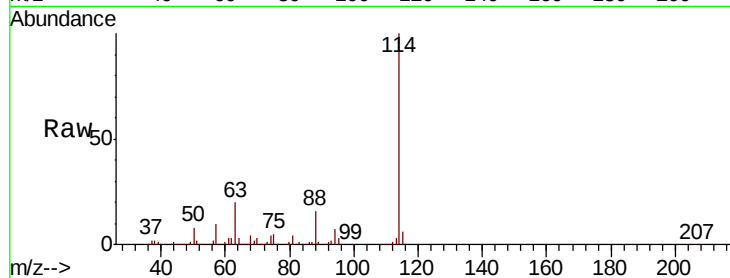
Tot Ion:114 Resp: 426381

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

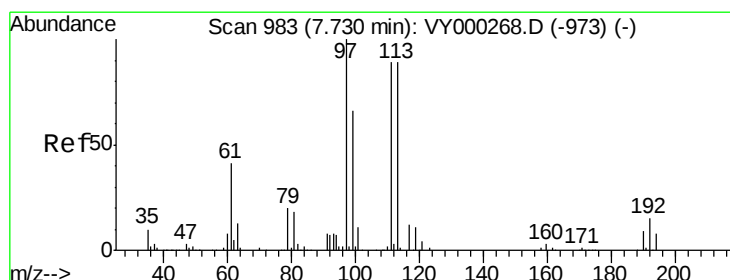
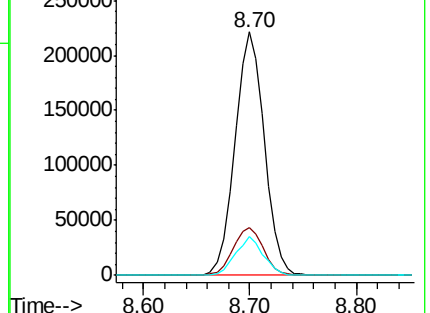
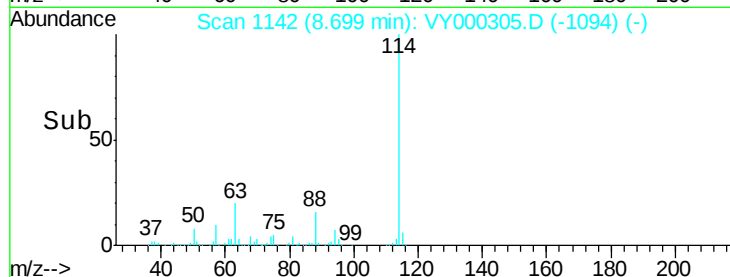
88 16.1 0.0 30.2



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: 45.452 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000305.D

Acq: 14 Oct 2019 17:31

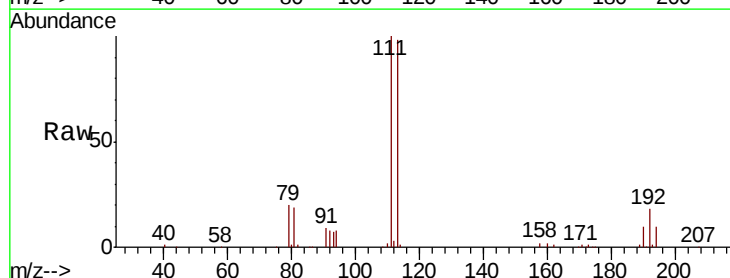
Tgt Ion:113 Resp: 116901

Ion Ratio Lower Upper

113 100

111 104.4 81.6 122.4

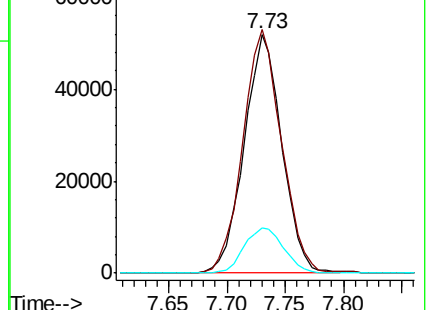
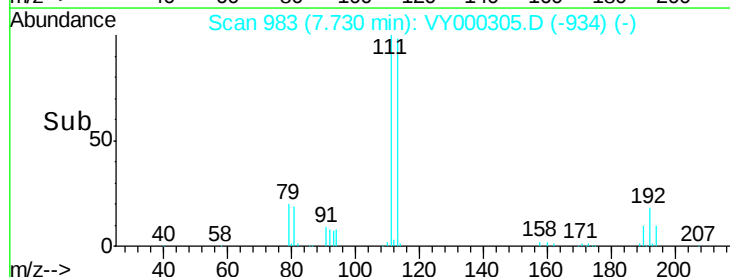
192 19.9 15.3 22.9

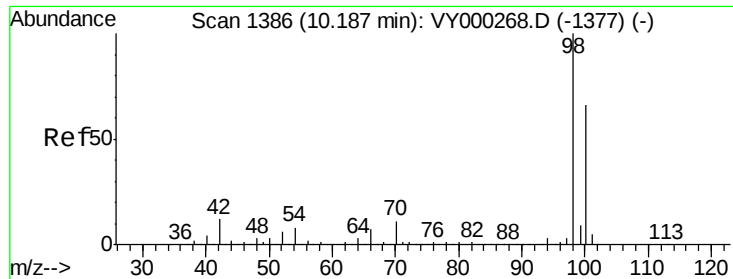


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.092 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000305.D

Acq: 14 Oct 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

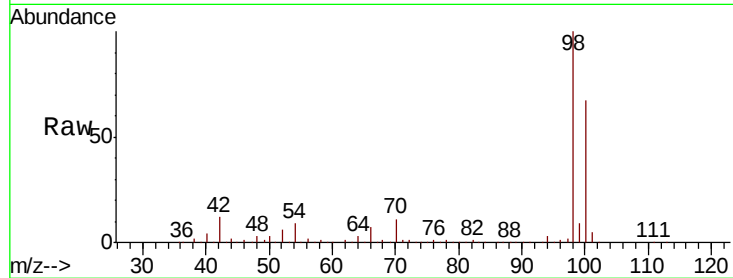
VOC-32

Tot Ion: 98 Resp: 505490

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

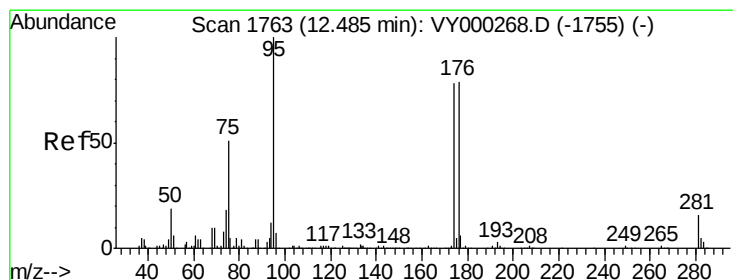
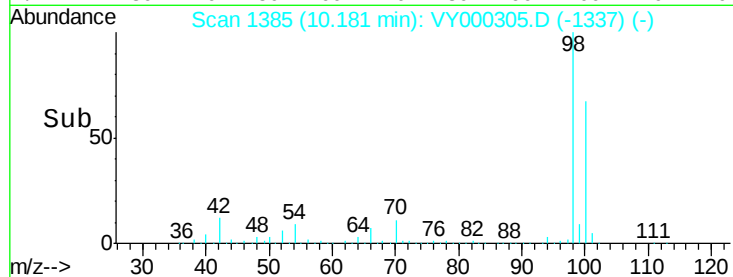
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.623 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000305.D

Acq: 14 Oct 2019 17:31

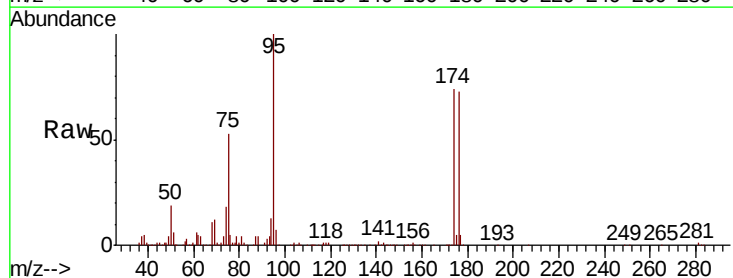
Tgt Ion: 95 Resp: 163966

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.6

176 79.6 0.0 153.8



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

12.48

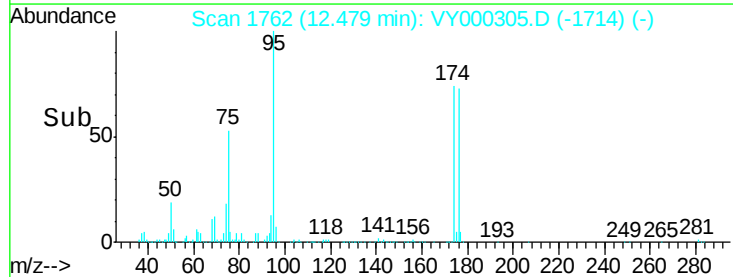
150000

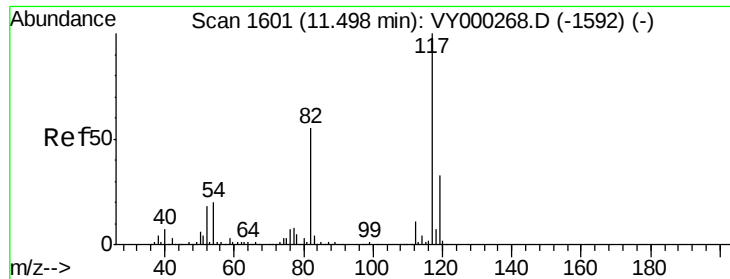
100000

50000

0

Time-->

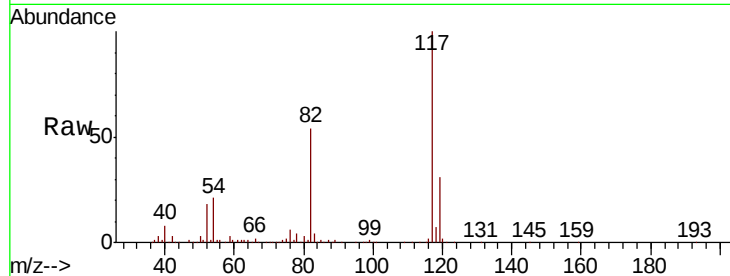




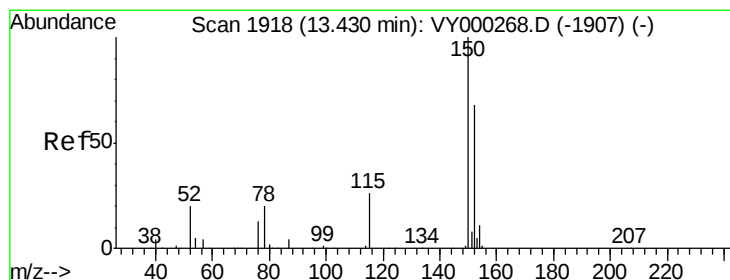
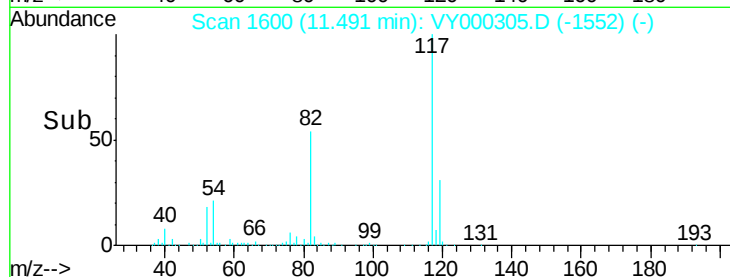
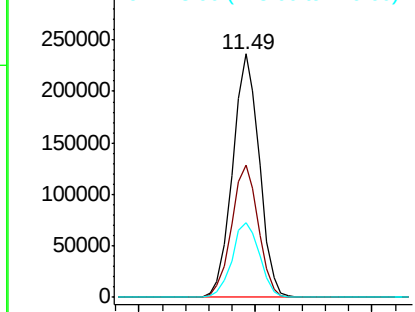
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000305.D
Acq: 14 Oct 2019 17:31

Instrument :
MSVOA_Y
ClientSampleId :
VOC-32

Tot Ion:117 Resp: 375386
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 30.8 26.6 39.8

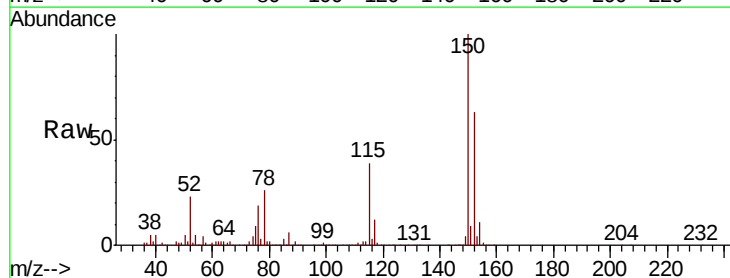


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

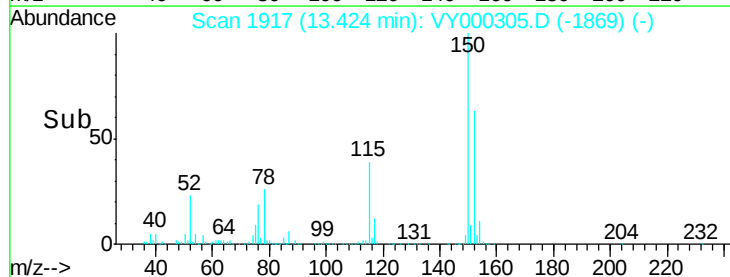
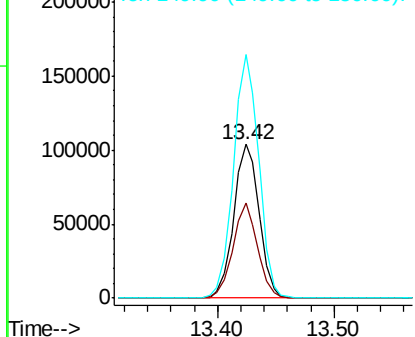


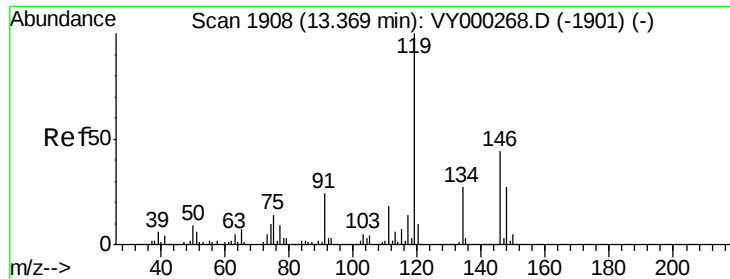
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000305.D
Acq: 14 Oct 2019 17:31

Tgt Ion:152 Resp: 157533
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 157.1 0.0 348.4



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

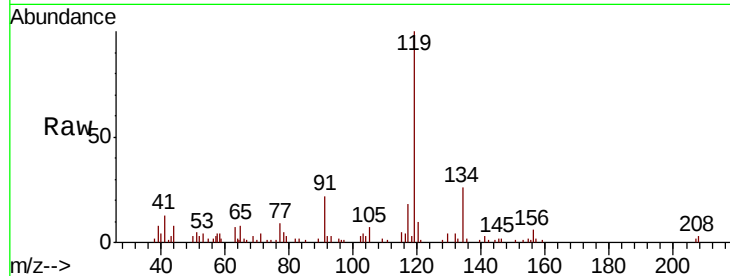




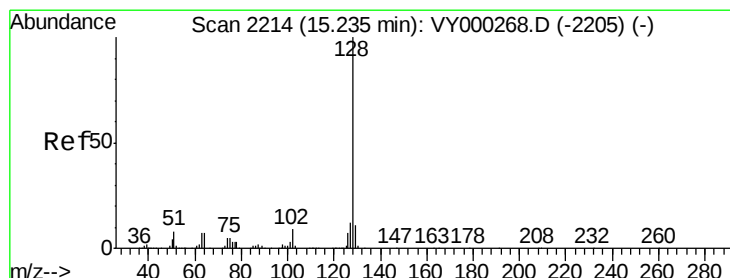
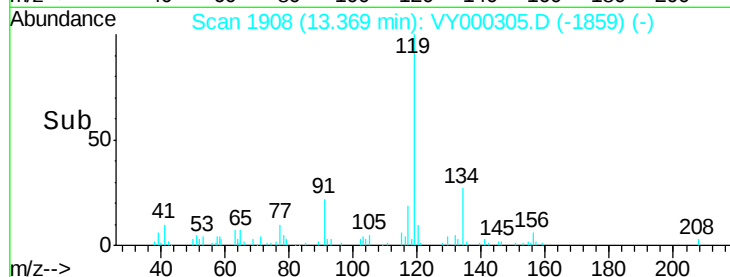
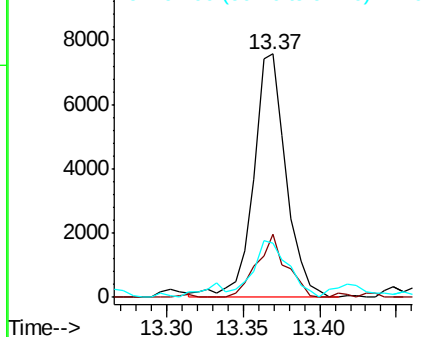
#86
p-Isopropyltoluene
Concen: 1.017 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000305.D
Acq: 14 Oct 2019 17:31

Instrument :
MSVOA_Y
ClientSampleId :
VOC-32

Tot Ion	Ratio	Lower	Upper
119	100		
134	23.5	13.6	40.8
91	25.5	12.0	36.1

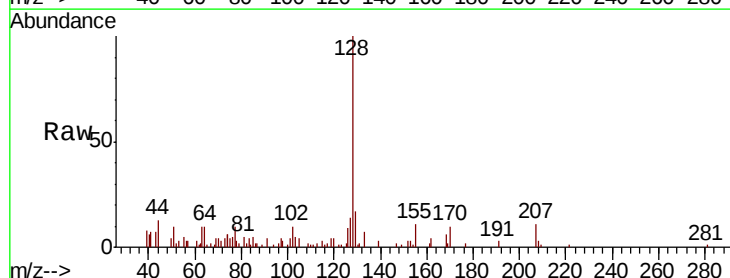


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 1.654 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000305.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.7	9.6	14.4#
129	11.3	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

