

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000306.D
 Acq On : 14 Oct 2019 17:55
 Operator : SY/MD
 Sample : K5355-06
 Misc : 6.56g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-33

Quant Time: Oct 15 02:13:35 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

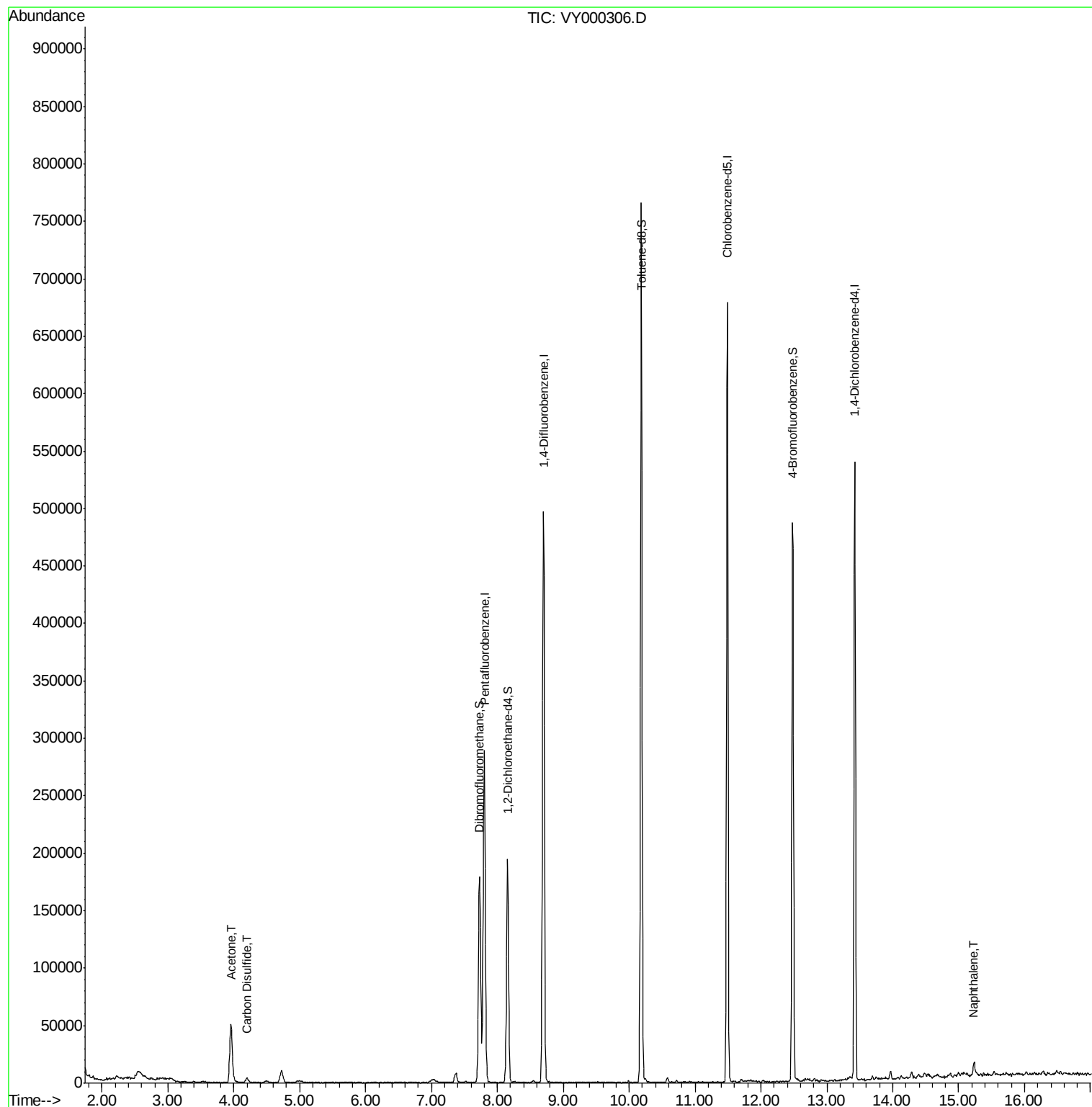
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	221056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	127012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	146825	62.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.94%	
35) Dibromofluoromethane	7.73	113	125921	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.18	98	497588	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.48	95	147622	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
Target Compounds						
16) Acetone	3.96	43	85594	113.349	ug/l	98
17) Carbon Disulfide	4.20	76	7198	1.024	ug/l	97
95) Naphthalene	15.23	128	7227	1.184	ug/l #	91

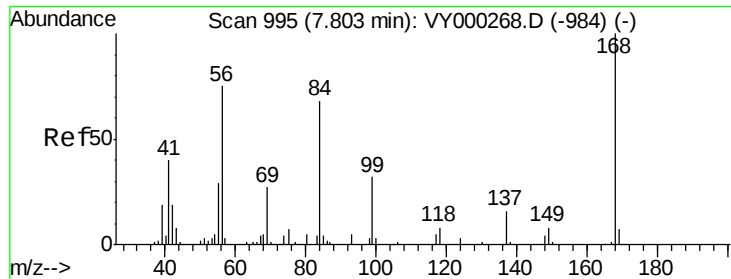
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
Data File : VY000306.D
Acq On : 14 Oct 2019 17:55
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000306.D

Acq: 14 Oct 2019 17:55

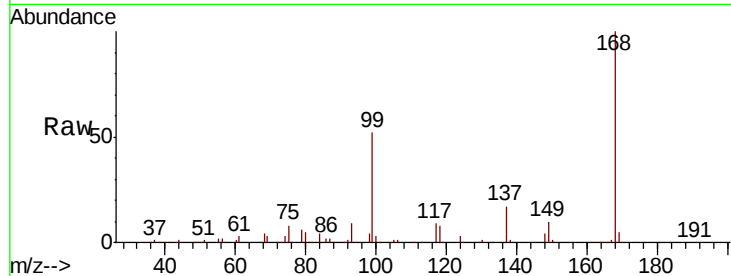
Instrument :
MSVOA_Y
ClientSampled :
VOC-33

Tot Ion:168 Resp: 221056

Ion Ratio Lower Upper

168 100

99 51.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000306.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000306.D (-946) (-)

120000

100000

80000

60000

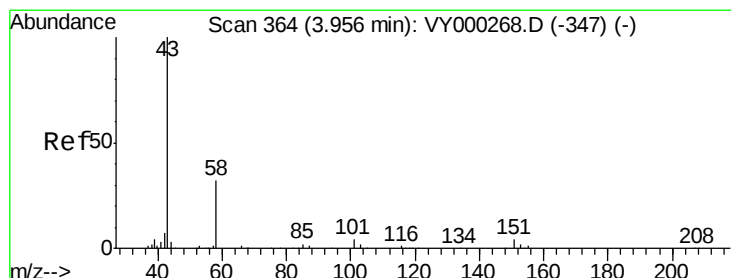
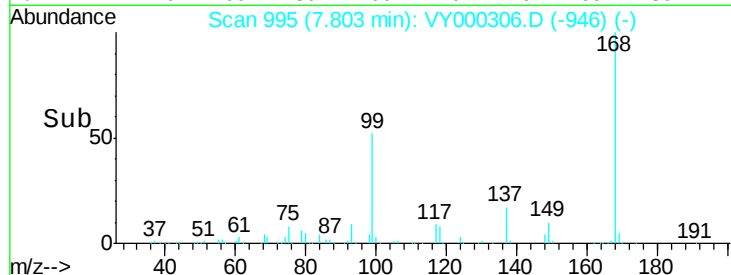
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 113.349 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000306.D

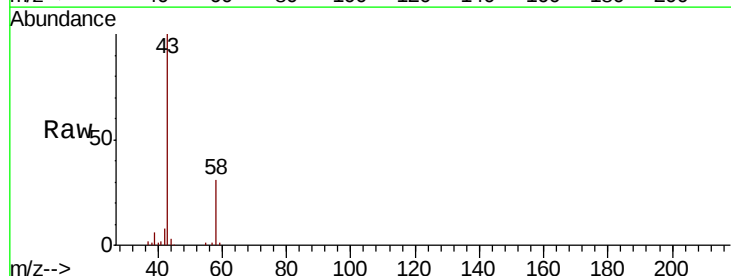
Acq: 14 Oct 2019 17:55

Tgt Ion: 43 Resp: 85594

Ion Ratio Lower Upper

43 100

58 30.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000306.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000306.D (-315) (-)

30000

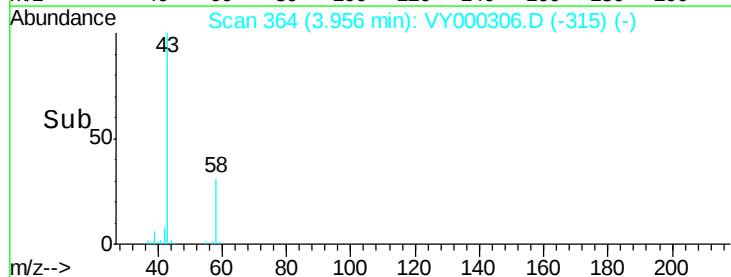
20000

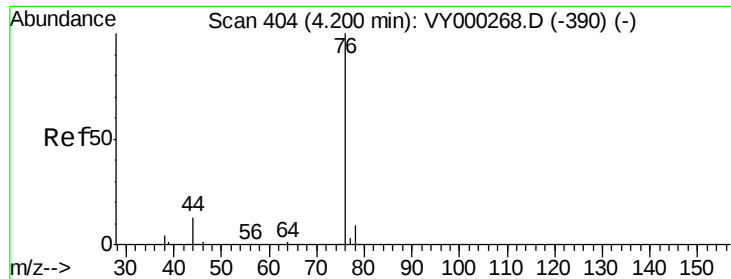
10000

0

3.90 3.96 4.00

Time-->

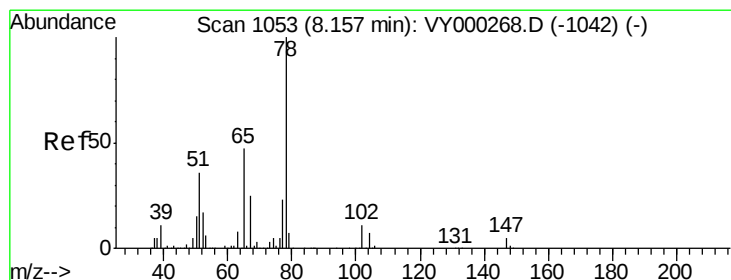
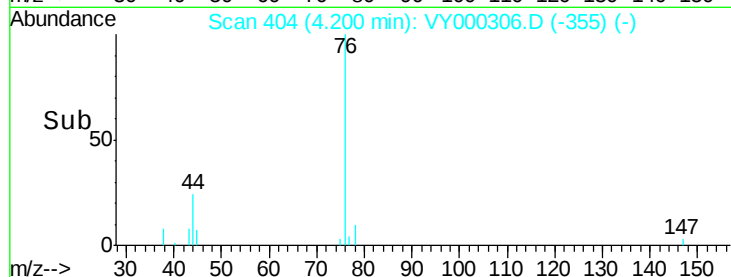
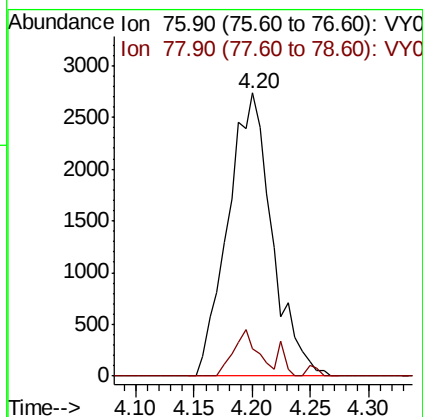
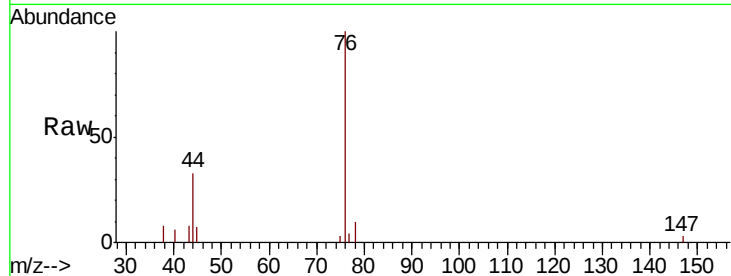




#17
 Carbon Disulfide
 Concen: 1.024 ug/l
 RT: 4.20 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VY000306.D
 Acq: 14 Oct 2019 17:55

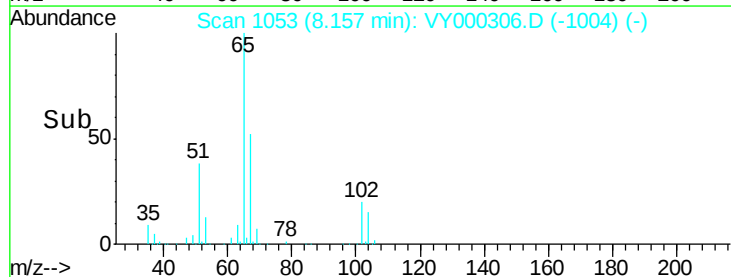
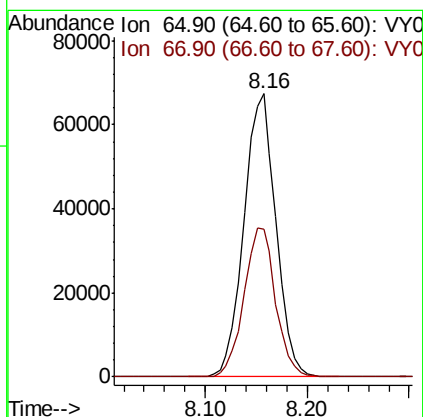
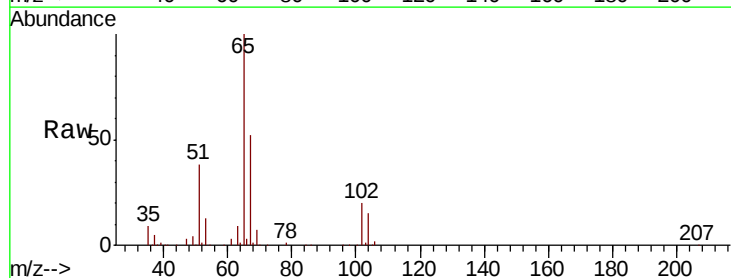
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC-33

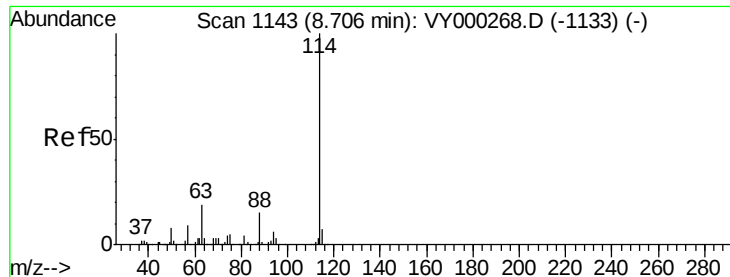
Tot Ion: 76 Resp: 7198
 Ion Ratio Lower Upper
 76 100
 78 9.9 7.0 10.4



#33
 1,2-Dichloroethane-d4
 Concen: 62.967 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000306.D
 Acq: 14 Oct 2019 17:55

Tgt Ion: 65 Resp: 146825
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.4

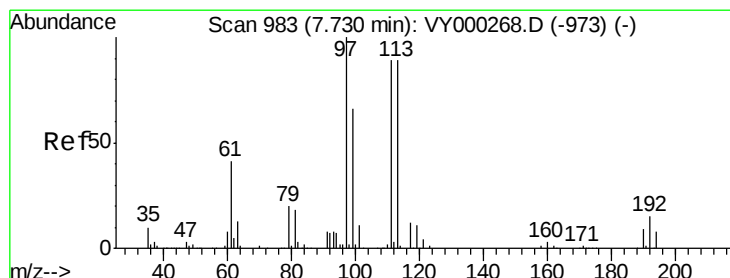
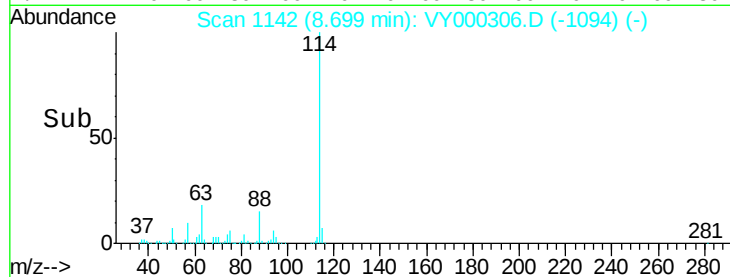
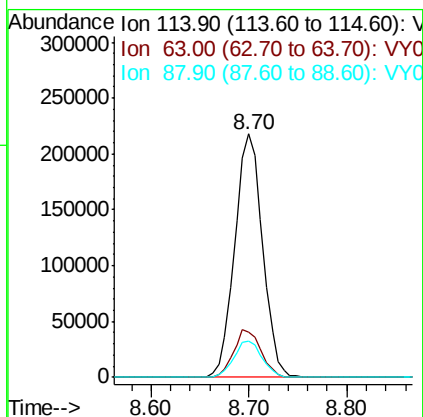
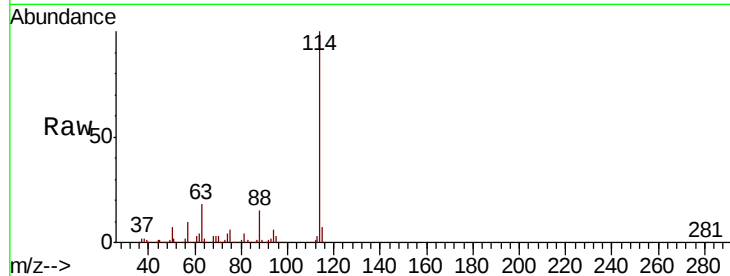




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000306.D
 Acq: 14 Oct 2019 17:55

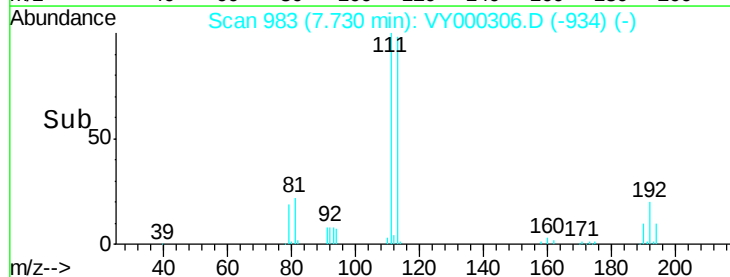
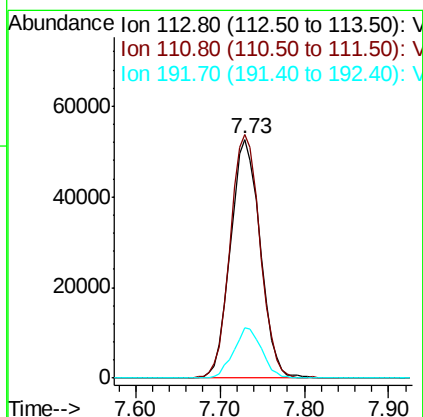
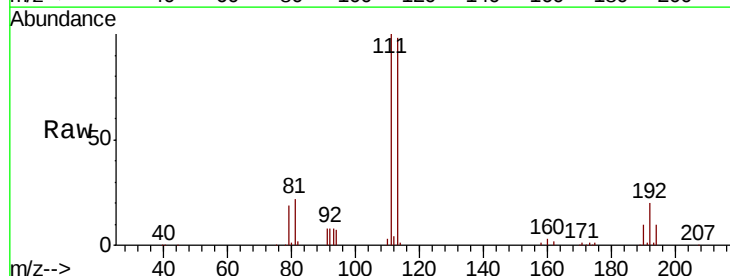
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-33

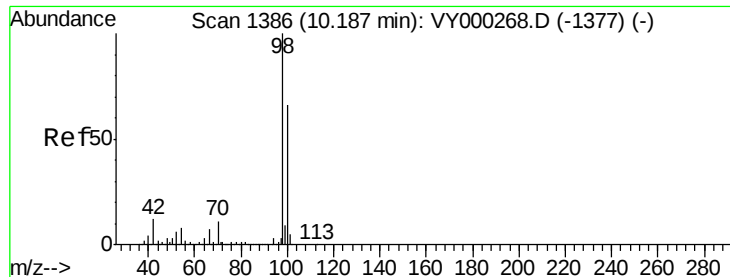
Tot Ion:114 Resp: 429646
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.2
 88 14.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 48.587 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000306.D
 Acq: 14 Oct 2019 17:55

Tgt Ion:113 Resp: 125921
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 19.9 15.3 22.9





#50

Toluene-d8

Concen: 49.911 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000306.D

Acq: 14 Oct 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

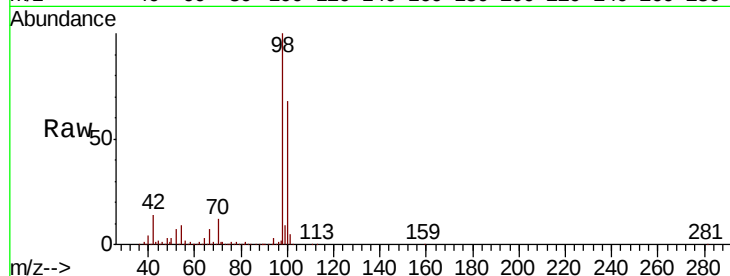
VOC-33

Tot Ion: 98 Resp: 497588

Ion Ratio Lower Upper

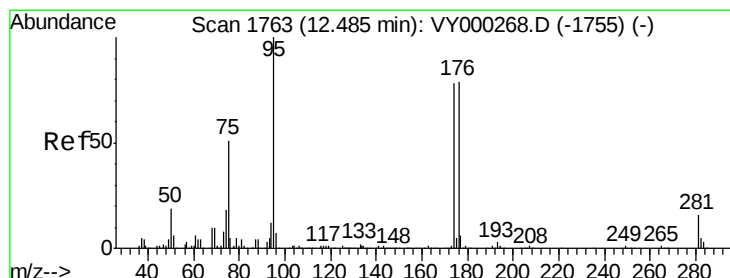
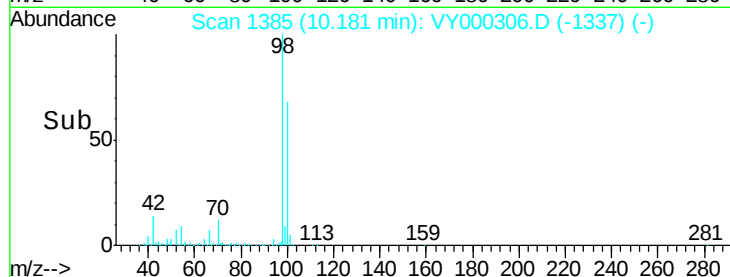
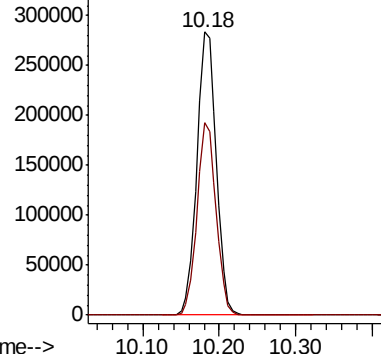
98 100

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



#62

4-Bromofluorobenzene

Concen: 38.976 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000306.D

Acq: 14 Oct 2019 17:55

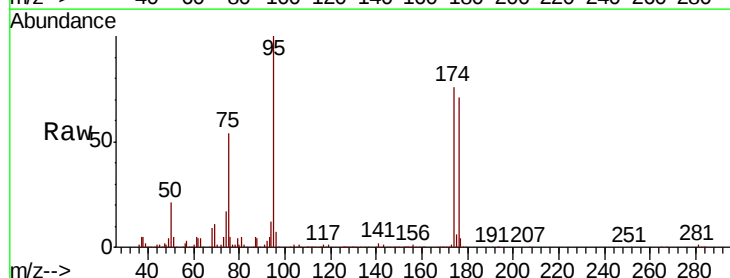
Tgt Ion: 95 Resp: 147622

Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.6

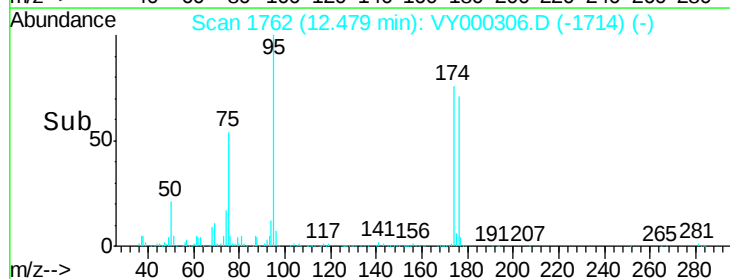
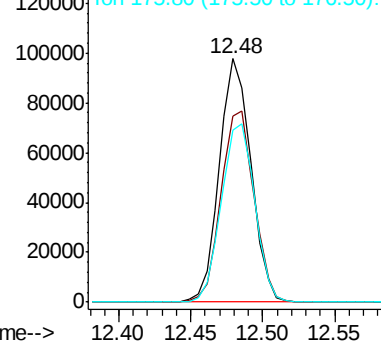
176 77.5 0.0 153.8

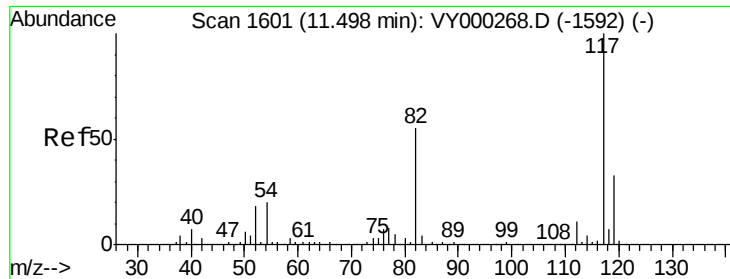


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

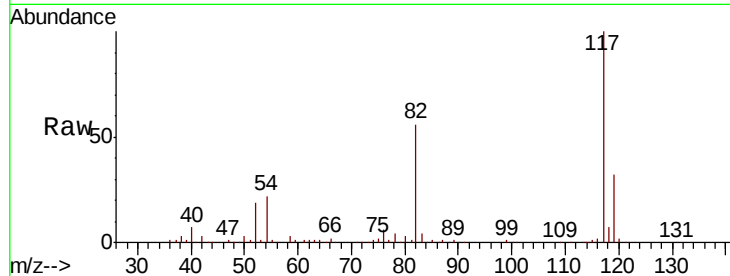




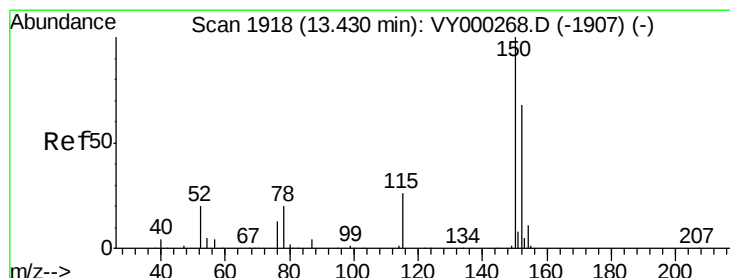
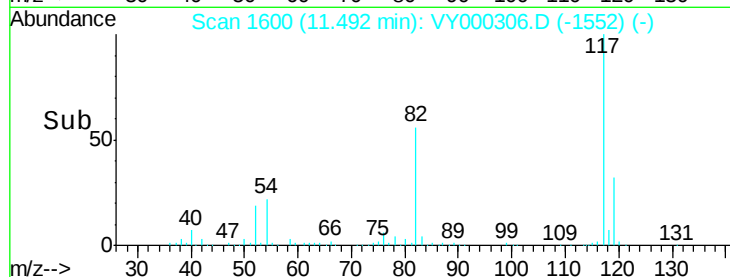
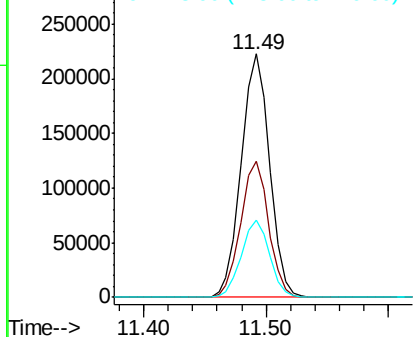
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000306.D
Acq: 14 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VOC-33

Tot Ion:117 Resp: 358290
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 31.5 26.6 39.8

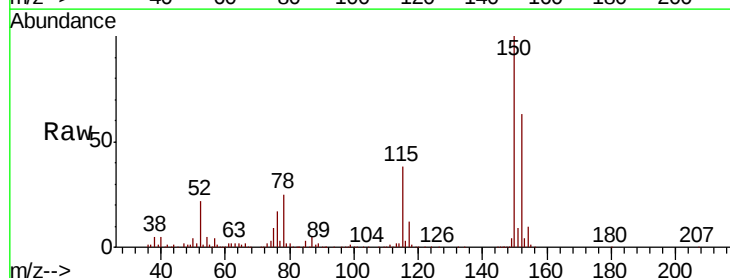


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

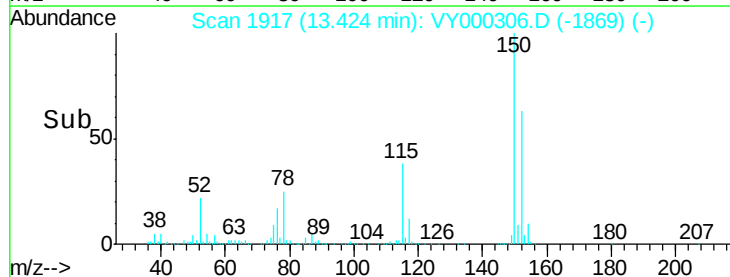
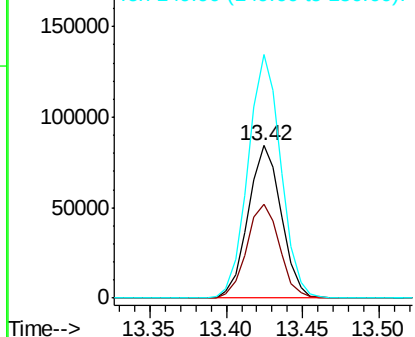


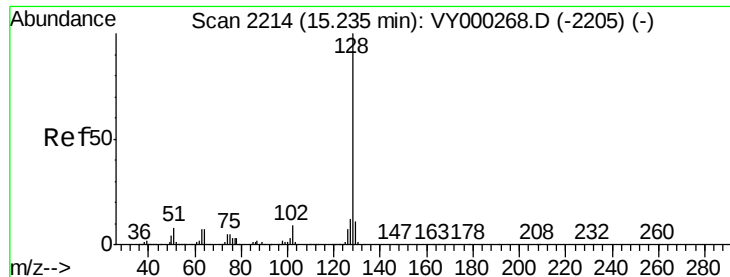
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000306.D
Acq: 14 Oct 2019 17:55

Tgt Ion:152 Resp: 127012
Ion Ratio Lower Upper
152 100
115 61.3 29.3 88.0
150 158.1 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





#95

Naphthalene

Concen: 1.184 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000306.D

Acq: 14 Oct 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VOC-33

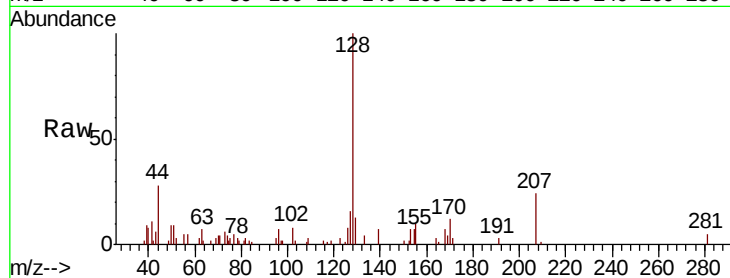
Tot Ion:128 Resp: 7227

Ion Ratio Lower Upper

128 100

127 13.1 9.6 14.4

129 17.0 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

