

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010309.D
 Acq On : 14 Jun 2019 18:36
 Operator : JC/SP
 Sample : K3387-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VOC-DRUM

Quant Time: Jun 15 03:02:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

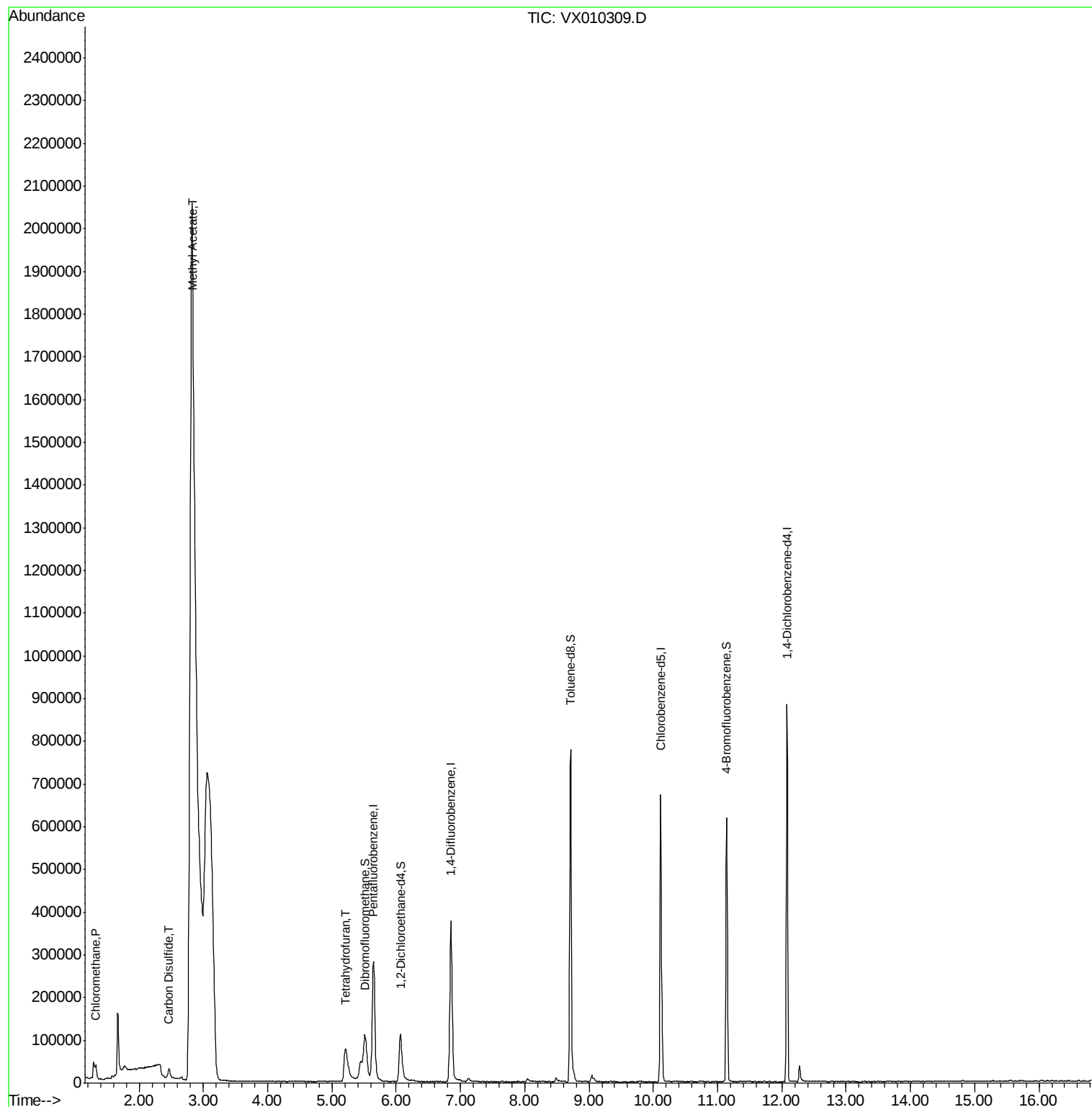
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305400	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	454161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132402	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
35) Dibromofluoromethane	5.51	113	120039	42.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.70%	
50) Toluene-d8	8.71	98	533887	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.14	95	189150	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
3) Chloromethane	1.33	50	22343	8.006	ug/l	99
17) Carbon Disulfide	2.47	76	21046	2.655	ug/l	97
18) Methyl Acetate	2.82	43	1788929	580.157	ug/l #	84
29) Tetrahydrofuran	5.21	42	110400	84.138	ug/l #	80

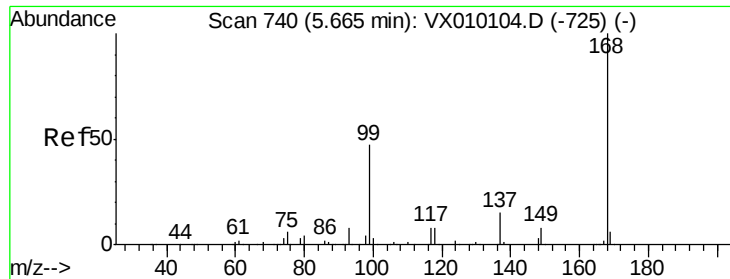
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.02 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

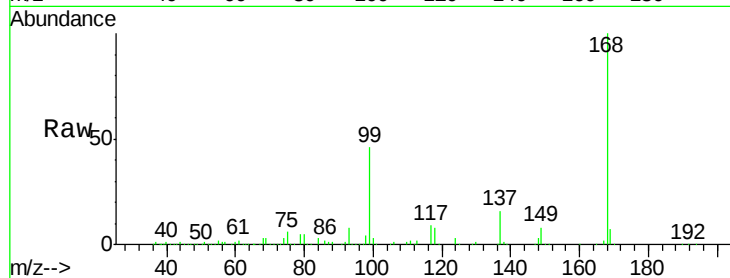
VOC-DRUM

Tot Ion:168 Resp: 305400

Ion Ratio Lower Upper

168 100

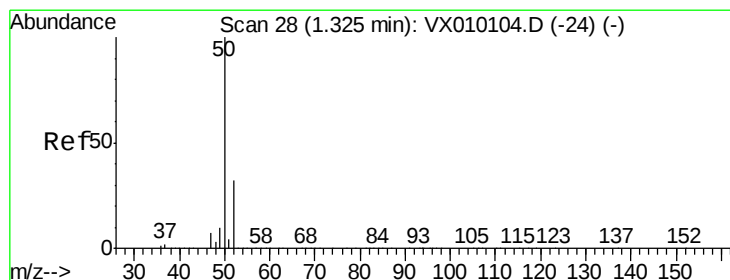
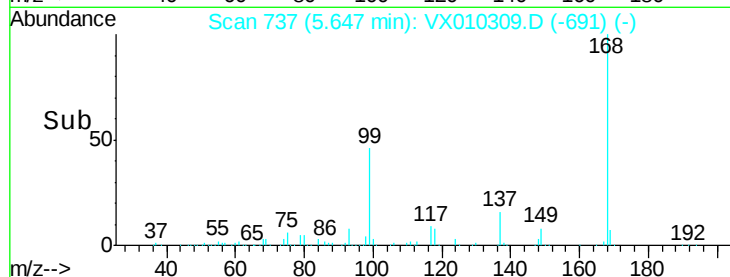
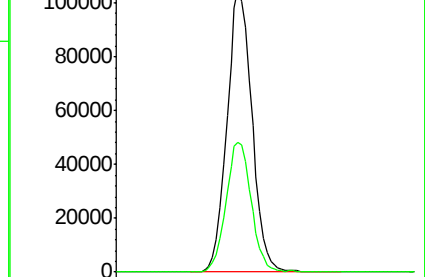
99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65



#3

Chloromethane

Concen: 8.006 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010309.D

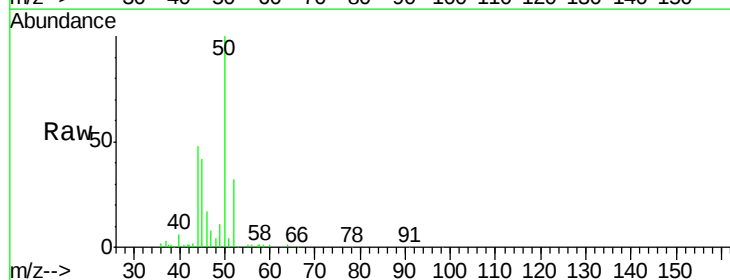
Acq: 14 Jun 2019 18:36

Tgt Ion: 50 Resp: 22343

Ion Ratio Lower Upper

50 100

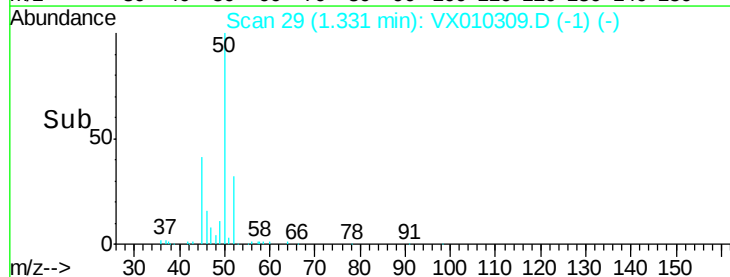
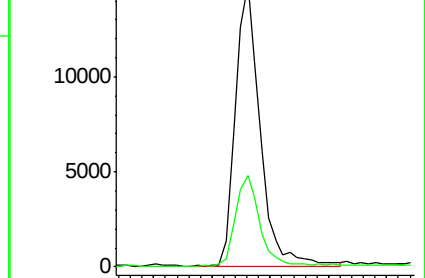
52 32.1 26.0 39.0

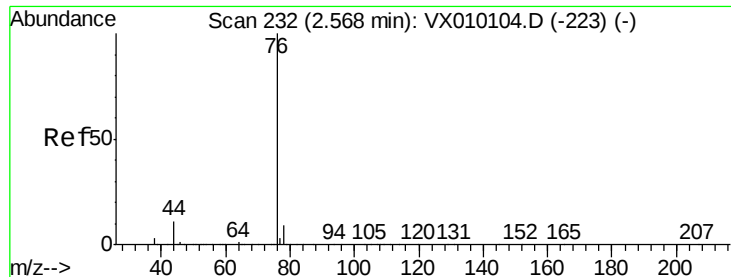


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33





#17

Carbon Disulfide

Concen: 2.655 ug/l

RT: 2.47 min Scan# 216

Delta R.T. -0.10 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

Instrument :

MSVOA_X

ClientSampled :

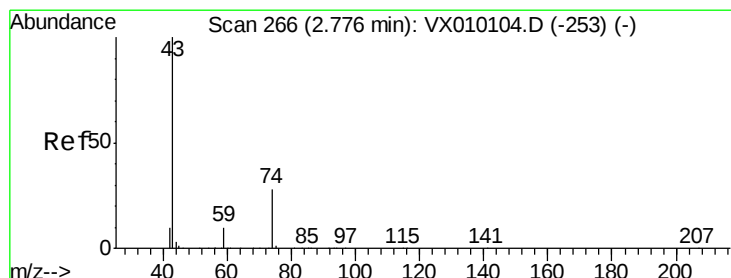
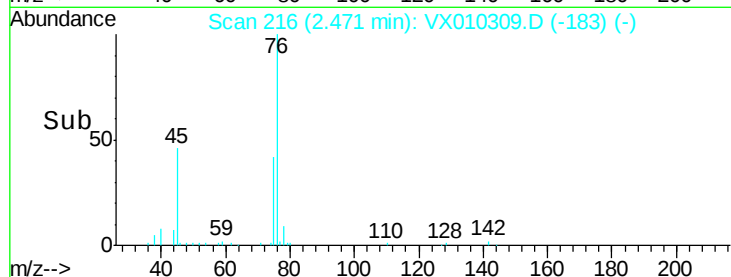
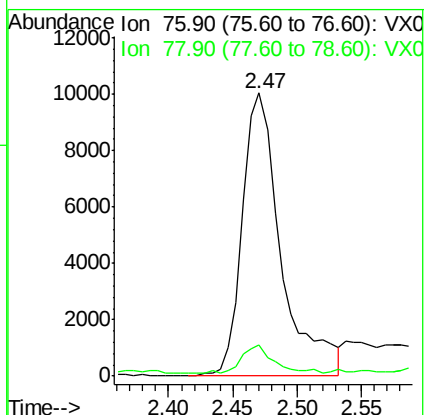
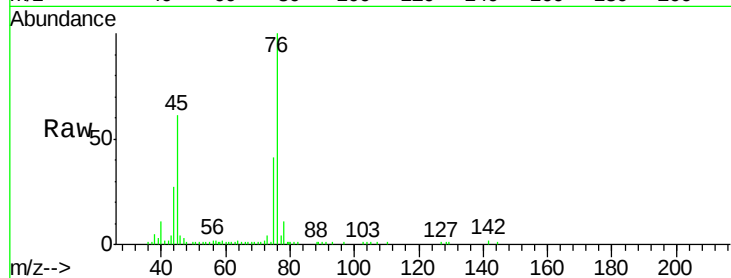
VOC-DRUM

Tot Ion: 76 Resp: 21046

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6



#18

Methyl Acetate

Concen: 580.157 ug/l

RT: 2.82 min Scan# 273

Delta R.T. 0.04 min

Lab File: VX010309.D

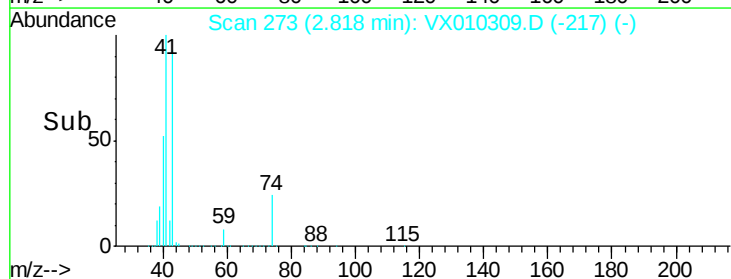
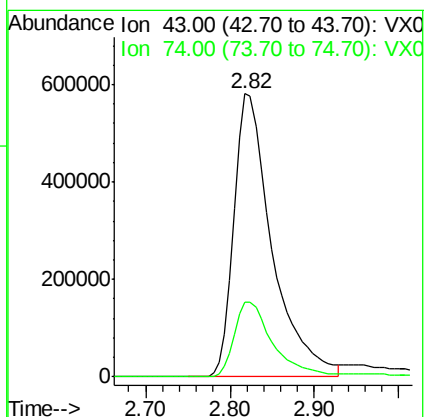
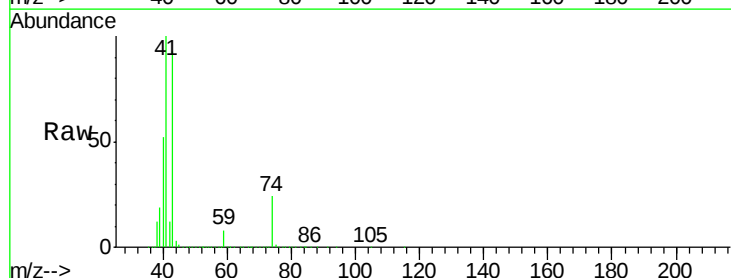
Acq: 14 Jun 2019 18:36

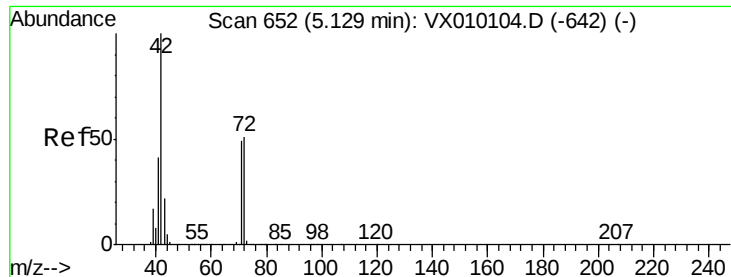
Tgt Ion: 43 Resp: 1788929

Ion Ratio Lower Upper

43 100

74 26.9 15.8 23.6#

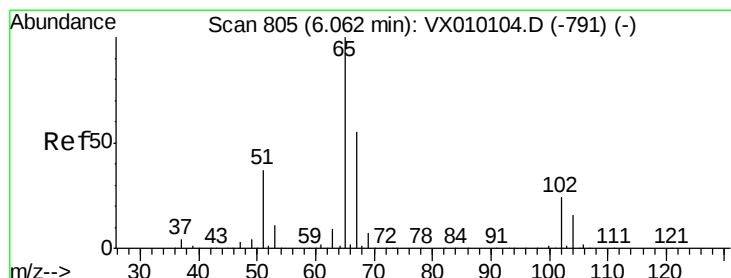
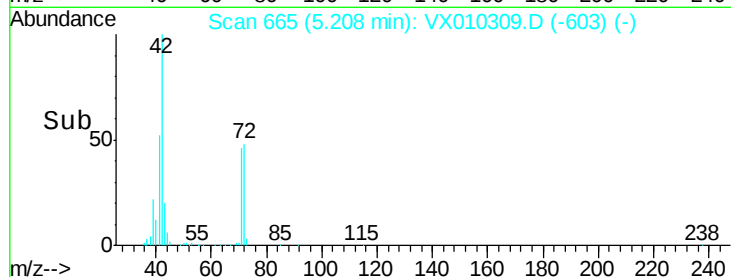
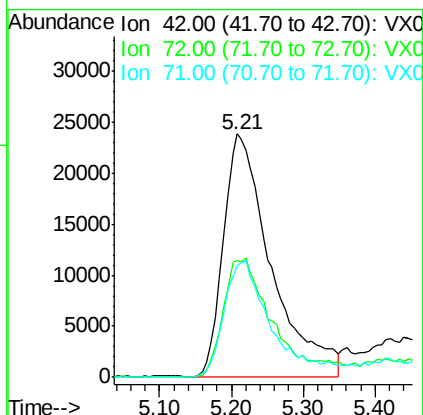
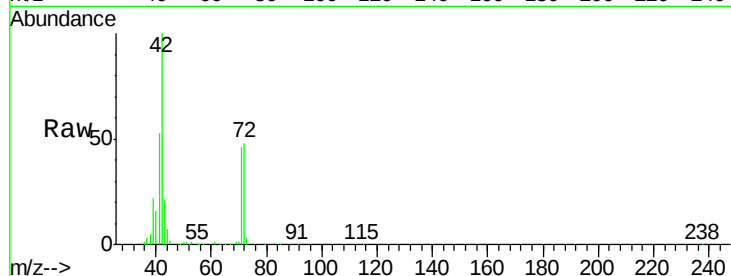




#29
Tetrahydrofuran
Concen: 84.138 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.08 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

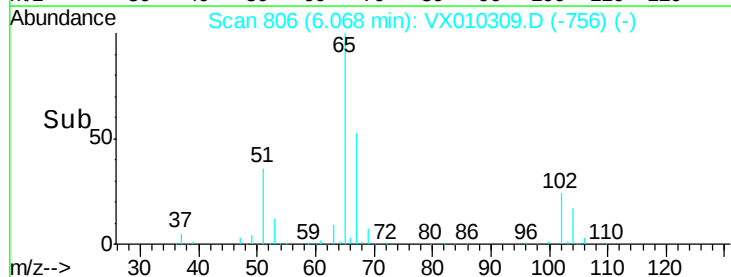
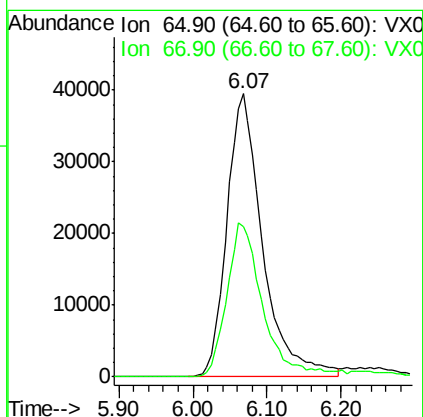
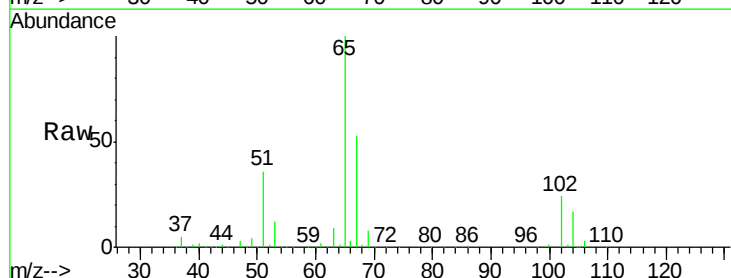
Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

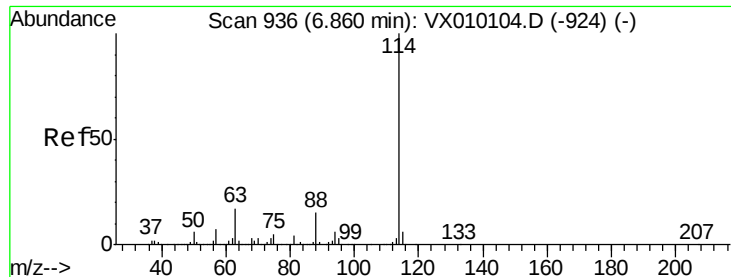
Tot Ion: 42 Resp: 110400
Ion Ratio Lower Upper
42 100
72 48.0 29.2 43.8#
71 46.0 27.6 41.4#



#33
1,2-Dichloroethane-d4
Concen: 44.415 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 65 Resp: 132402
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

VOC-DRUM

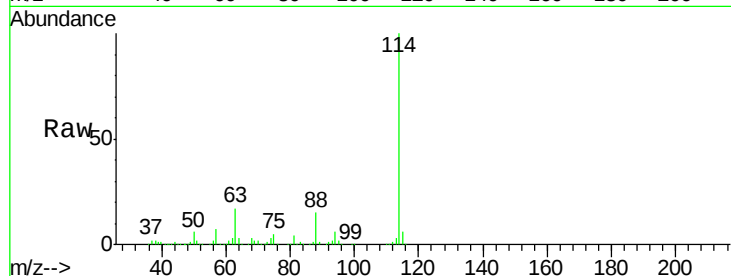
Tot Ion:114 Resp: 454161

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

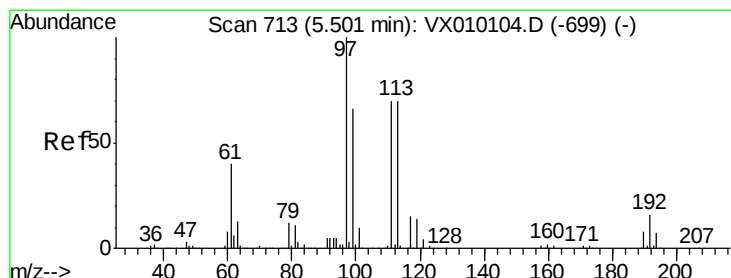
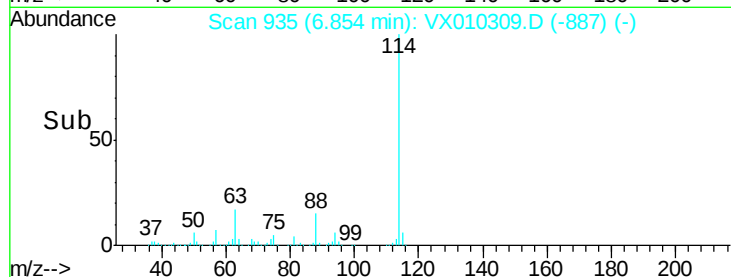
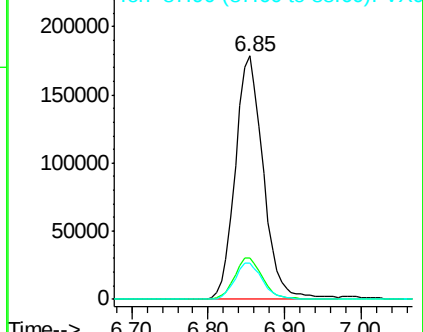
88 14.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 42.850 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

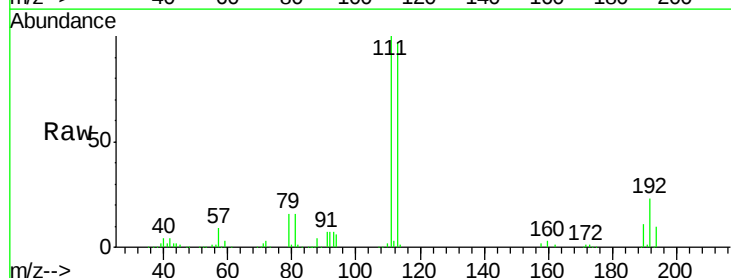
Tgt Ion:113 Resp: 120039

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.2

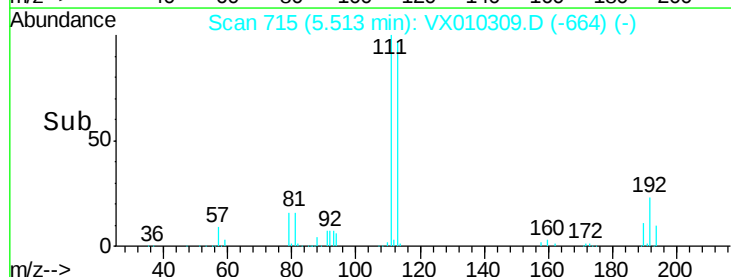
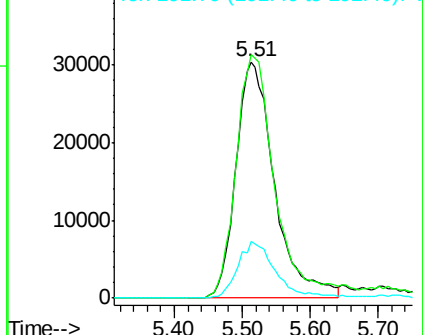
192 22.2 17.1 25.7

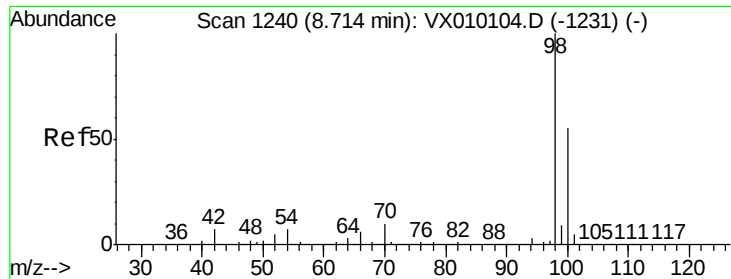


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.851 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

Instrument :

MSVOA_X

ClientSampleId :

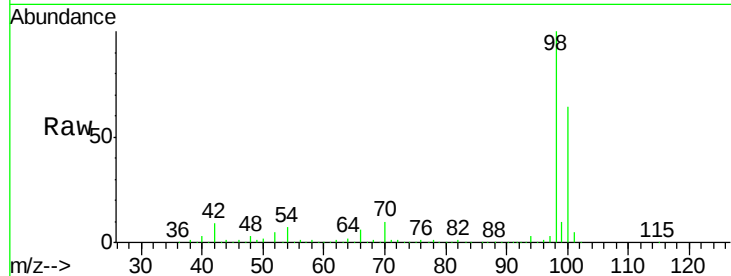
VOC-DRUM

Tot Ion: 98 Resp: 533887

Ion Ratio Lower Upper

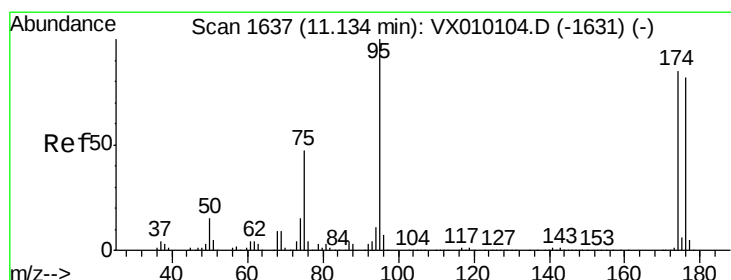
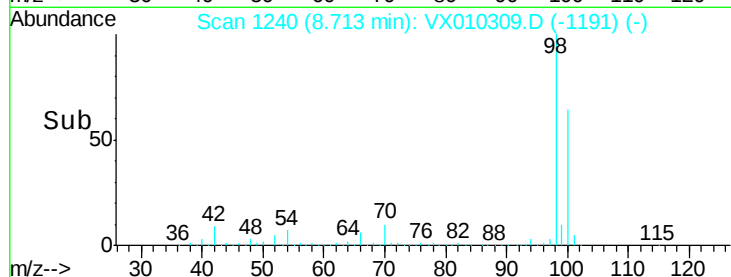
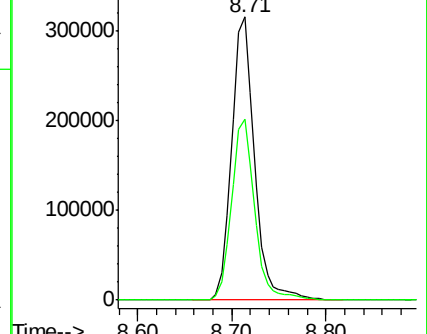
98 100

100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.240 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010309.D

Acq: 14 Jun 2019 18:36

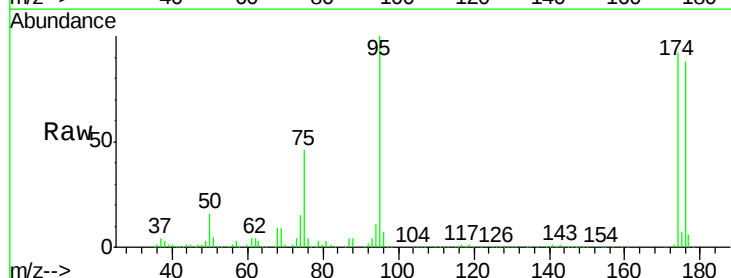
Tgt Ion: 95 Resp: 189150

Ion Ratio Lower Upper

95 100

174 93.1 0.0 160.4

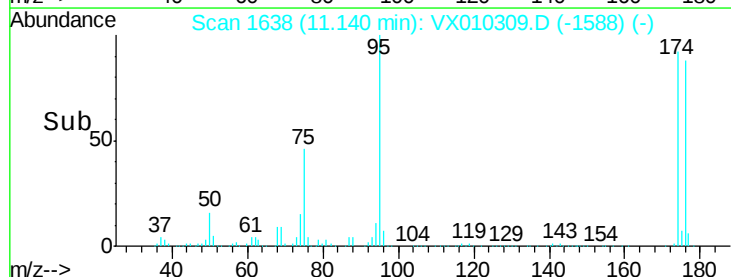
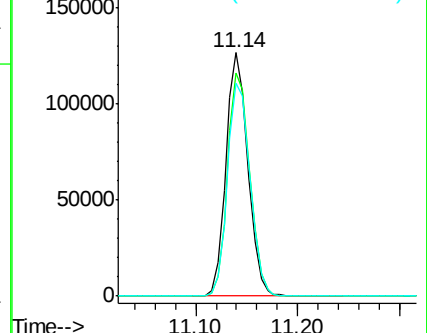
176 90.1 0.0 154.6

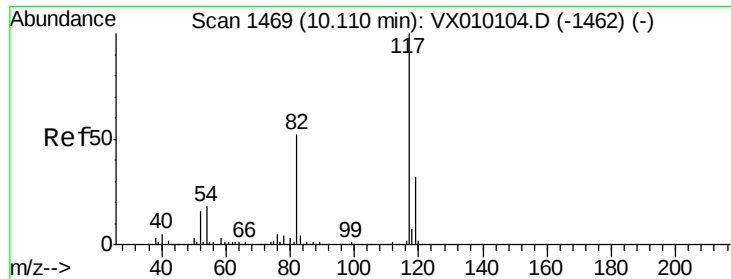


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

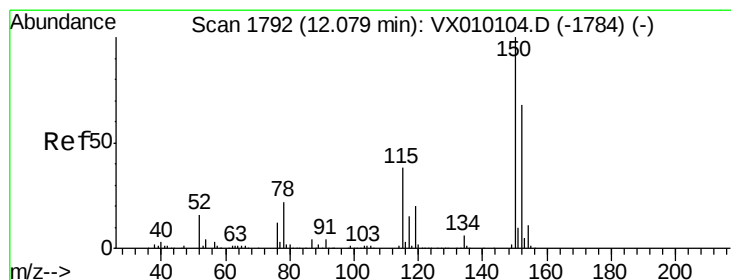
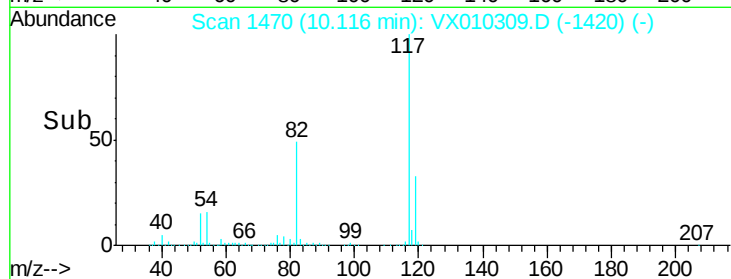
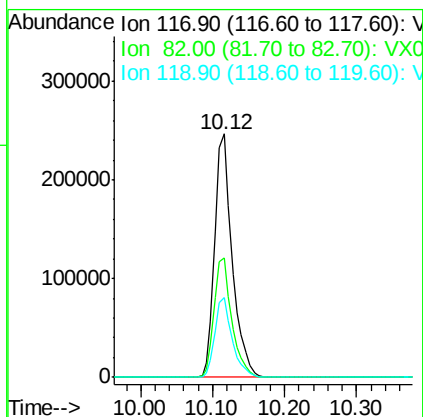
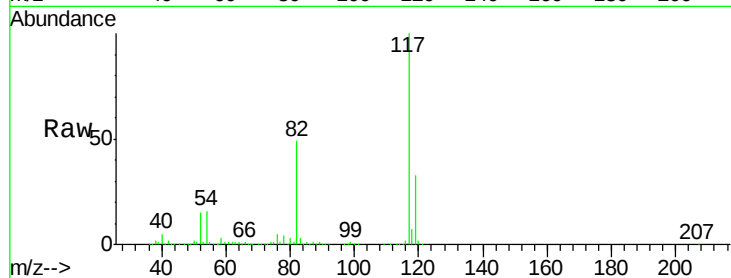




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tot Ion:117 Resp: 416144
Ion Ratio Lower Upper
117 100
82 48.9 49.2 73.8#
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion:152 Resp: 206420
Ion Ratio Lower Upper
152 100
115 53.7 41.4 124.2
150 156.3 0.0 345.2

