

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015107.D
 Acq On : 05 Mar 2020 13:26
 Operator : JC/SP
 Sample : L1812-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VOC-DRUM-030420

Quant Time: Mar 06 03:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

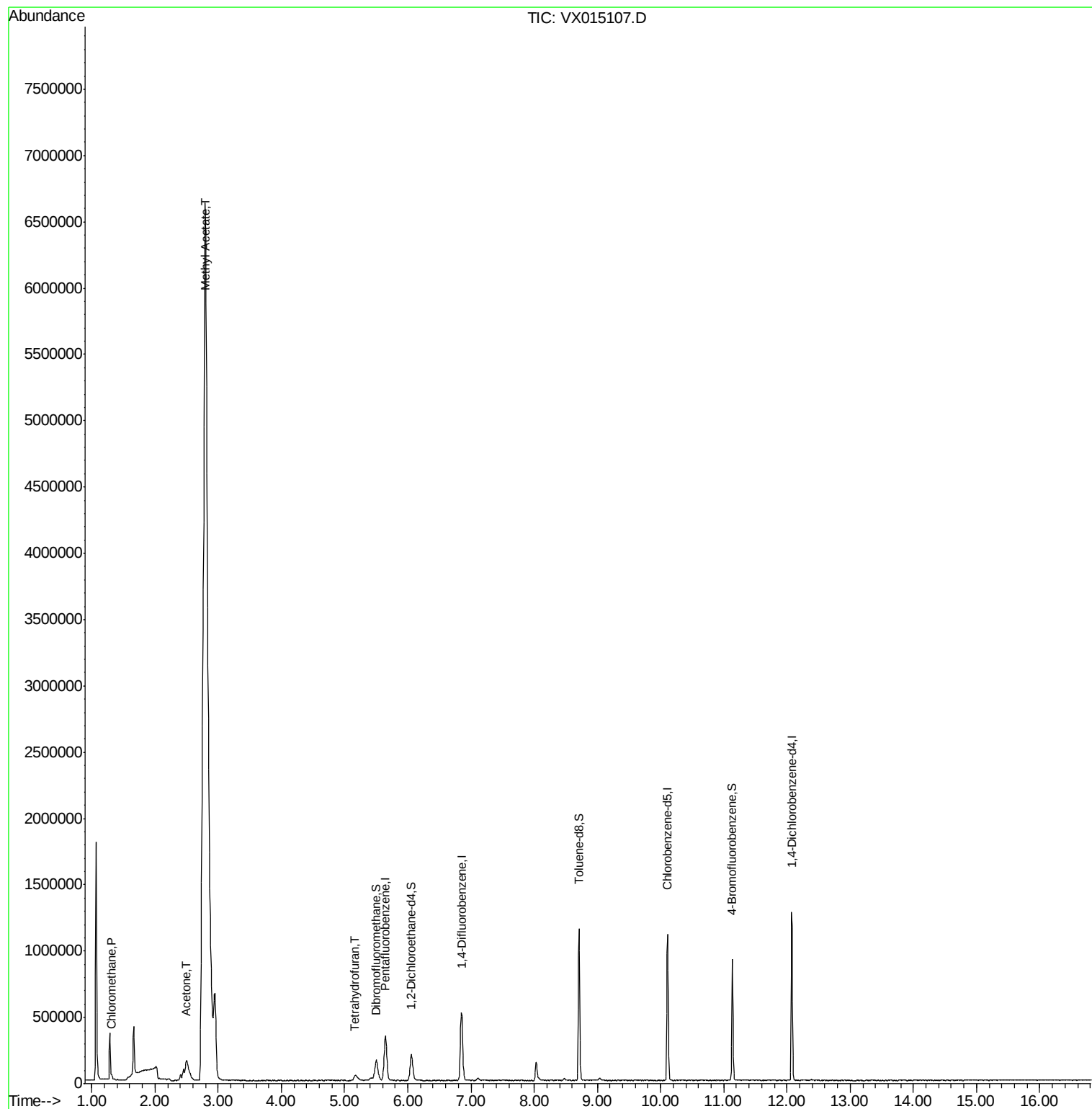
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	362017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	575923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	270844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	210033	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	158729	43.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.38%	
50) Toluene-d8	8.71	98	696594	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.14	95	248979	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
3) Chloromethane	1.32	50	19103	4.254	ug/l	93
16) Acetone	2.50	43	379869	218.398	ug/l	97
18) Methyl Acetate	2.80	43	5216135	1226.460	ug/l	99
29) Tetrahydrofuran	5.17	42	53292	32.467	ug/l	98

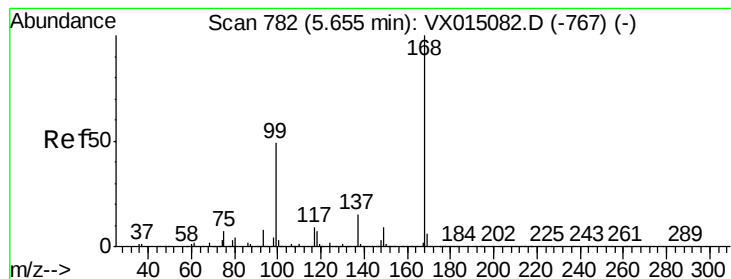
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

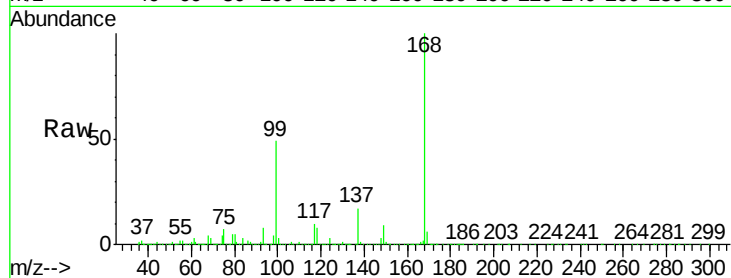
VOC-DRUM-030420

Tot Ion:168 Resp: 362017

Ion Ratio Lower Upper

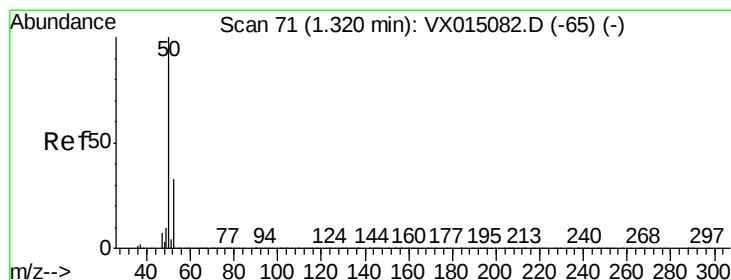
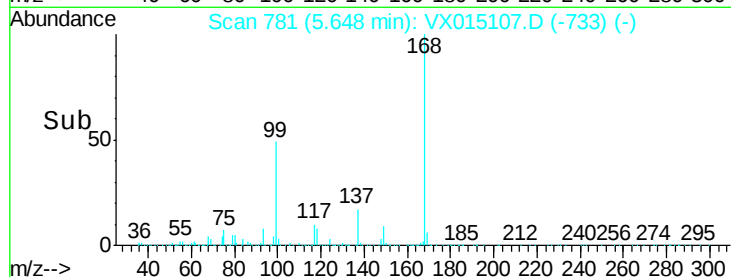
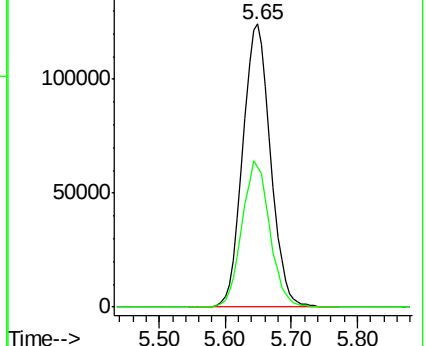
168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 4.254 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015107.D

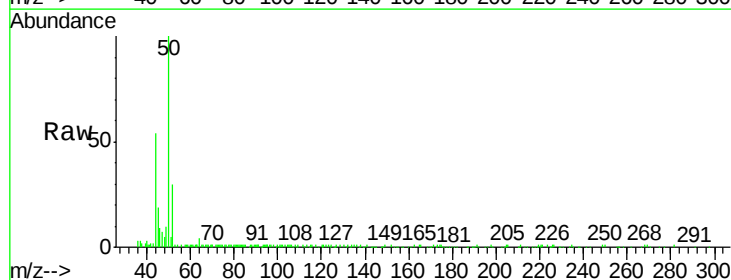
Acq: 05 Mar 2020 13:26

Tgt Ion: 50 Resp: 19103

Ion Ratio Lower Upper

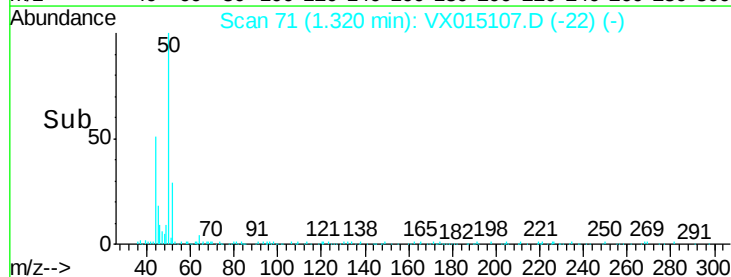
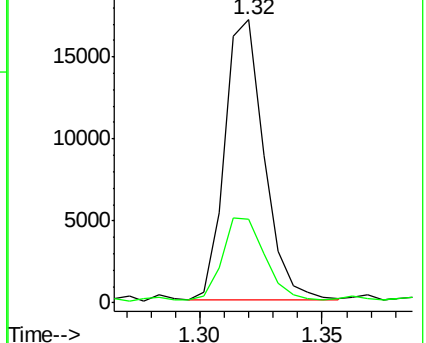
50 100

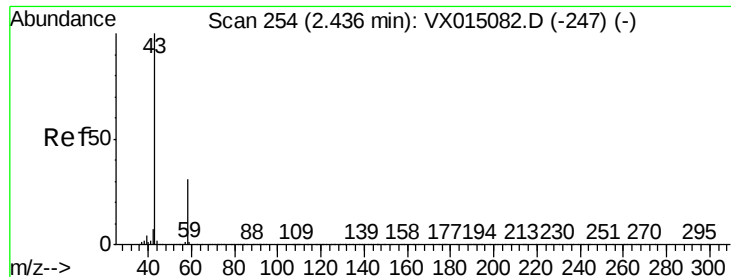
52 28.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

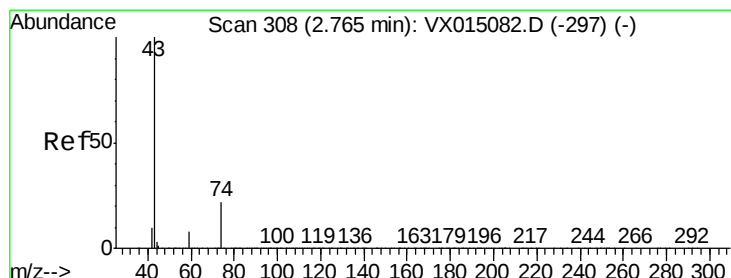
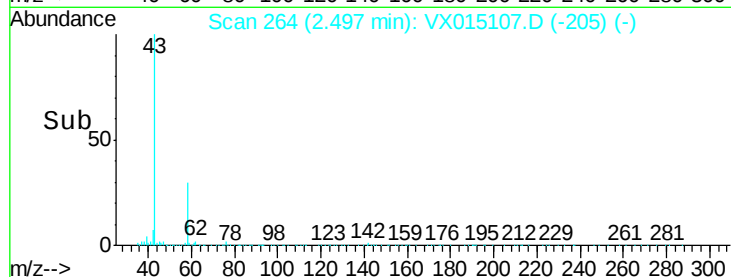
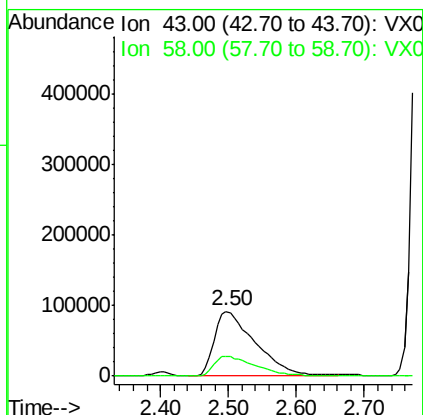
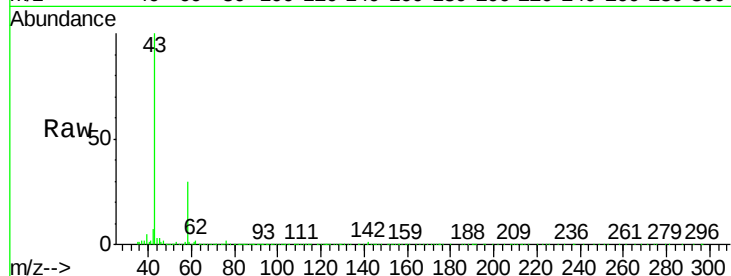




#16
Acetone
Concen: 218.398 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.06 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

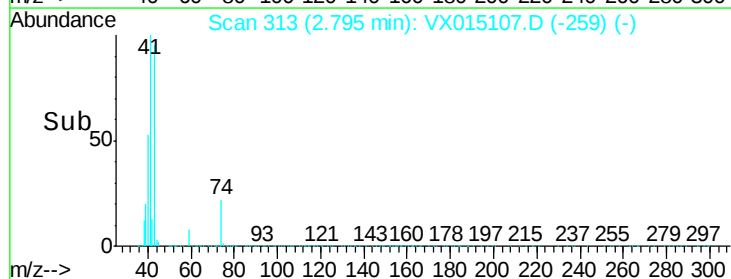
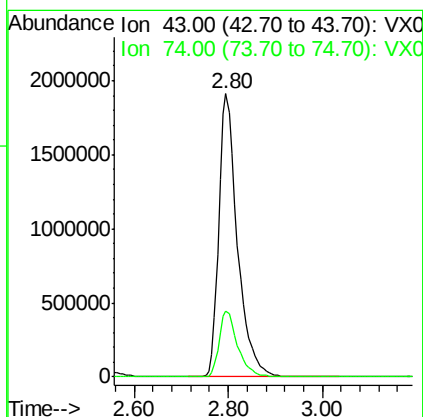
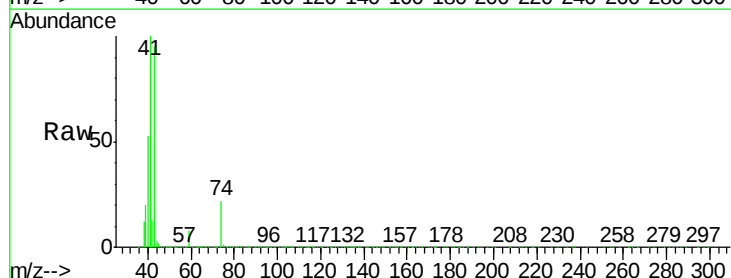
Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

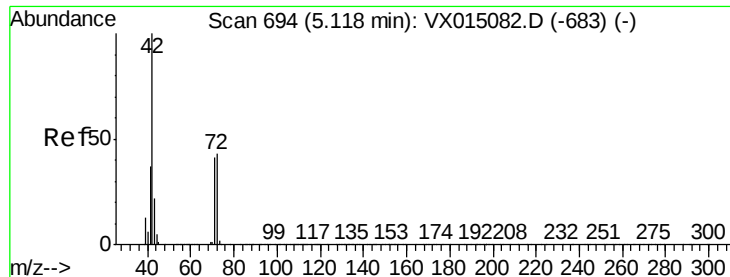
Tot Ion: 43 Resp: 379869
Ion Ratio Lower Upper
43 100
58 29.2 24.8 37.2



#18
Methyl Acetate
Concen: 1226.460 ug/l
RT: 2.80 min Scan# 313
Delta R.T. 0.03 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 43 Resp: 5216135
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2





#29

Tetrahydrofuran

Concen: 32.467 ug/l

RT: 5.17 min Scan# 702

Delta R.T. 0.05 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

VOC-DRUM-030420

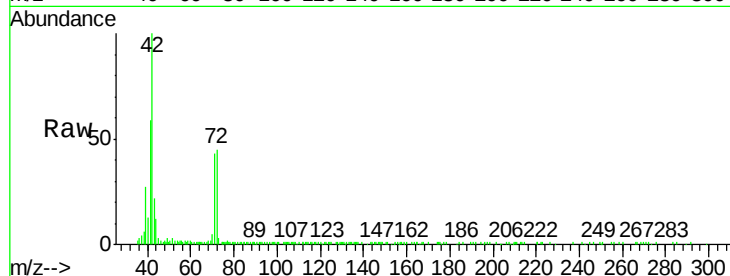
Tot Ion: 42 Resp: 53292

Ion Ratio Lower Upper

42 100

72 43.7 36.4 54.6

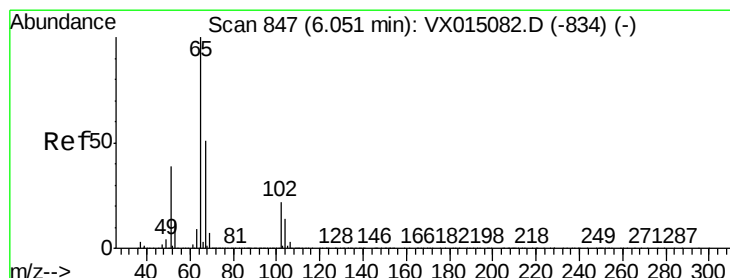
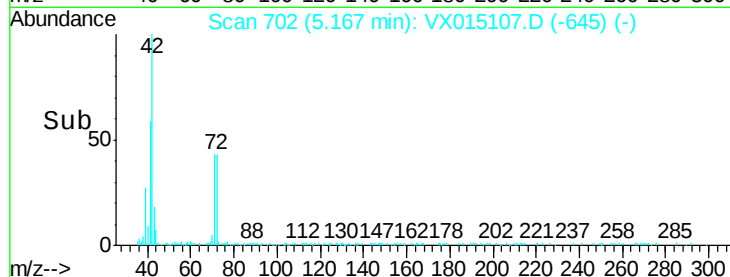
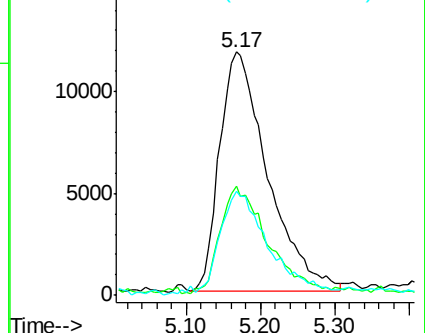
71 41.0 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.903 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015107.D

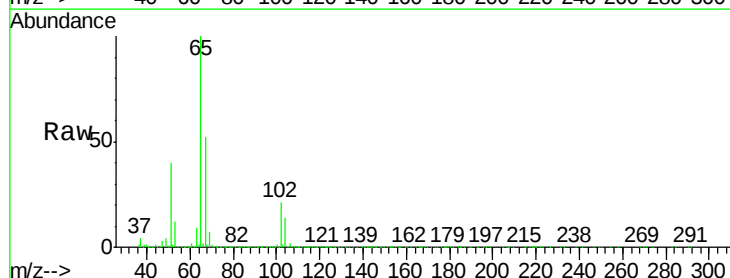
Acq: 05 Mar 2020 13:26

Tgt Ion: 65 Resp: 210033

Ion Ratio Lower Upper

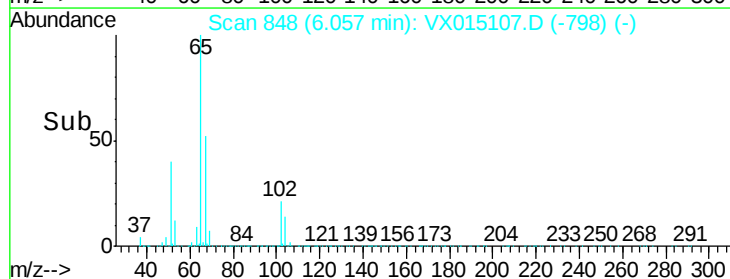
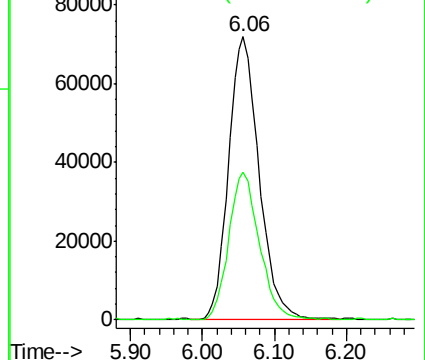
65 100

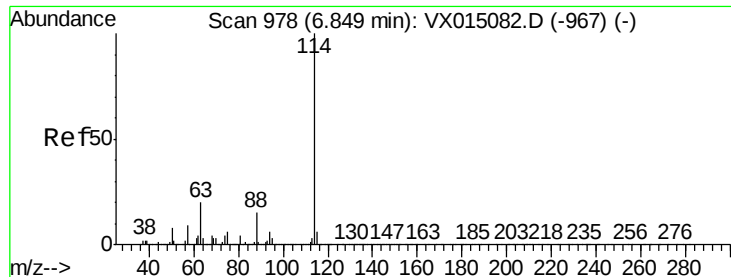
67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

VOC-DRUM-030420

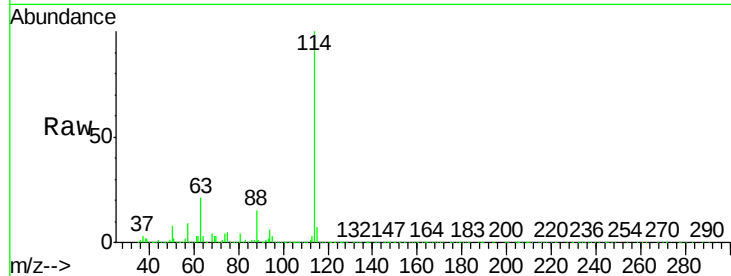
Tot Ion:114 Resp: 575923

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

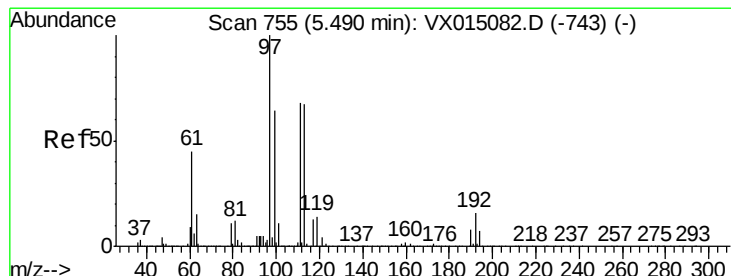
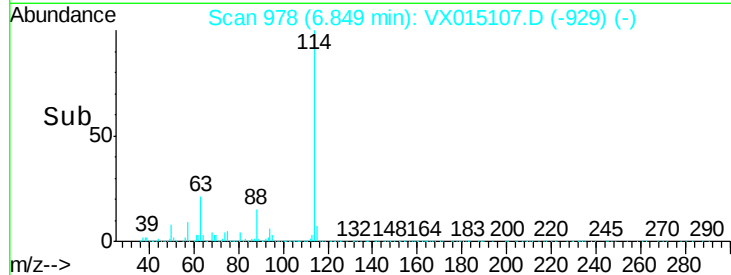
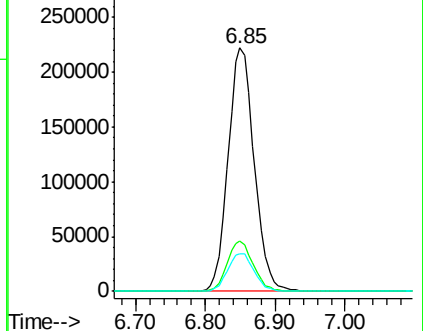
88 15.4 0.0 30.6



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: 43.687 ug/l

RT: 5.50 min Scan# 757

Delta R.T. 0.01 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

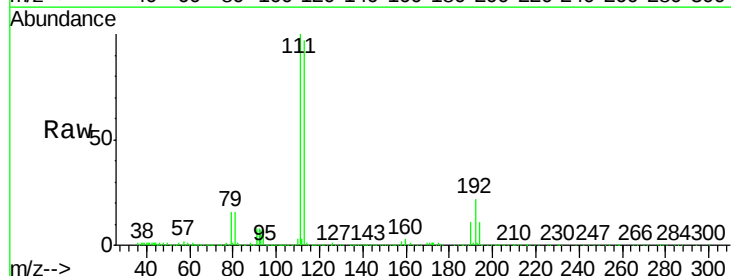
Tgt Ion:113 Resp: 158729

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

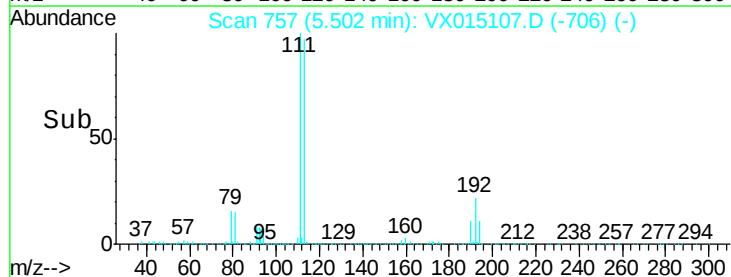
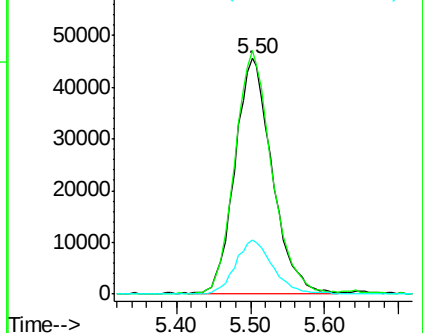
192 23.2 18.6 28.0

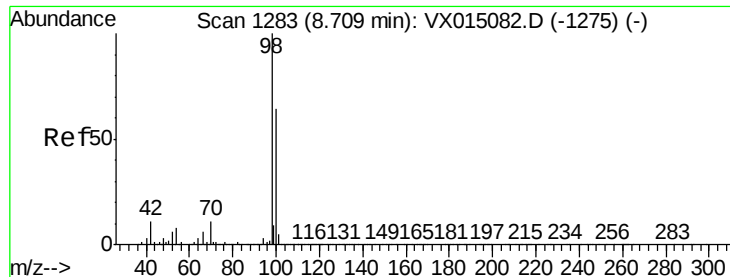


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.402 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

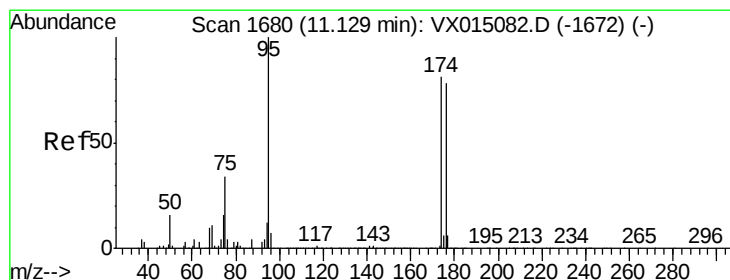
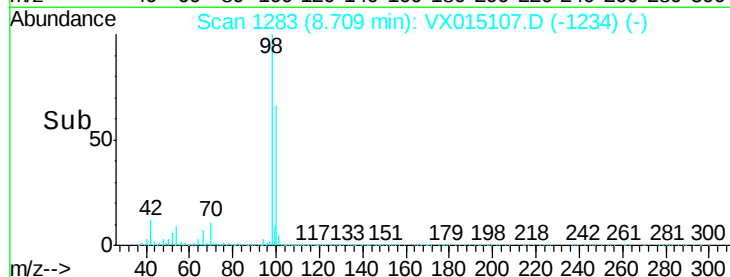
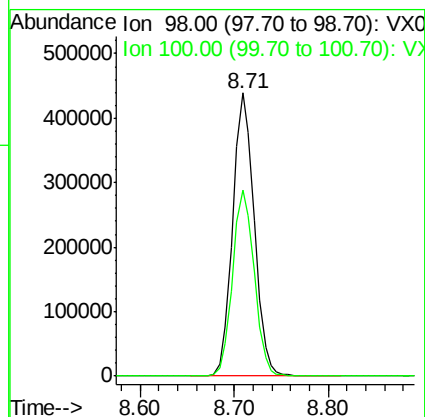
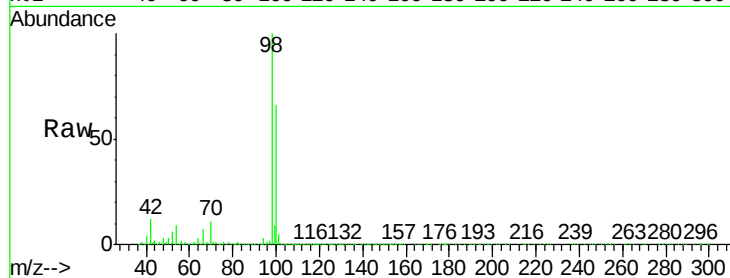
VOC-DRUM-030420

Tot Ion: 98 Resp: 696594

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.506 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

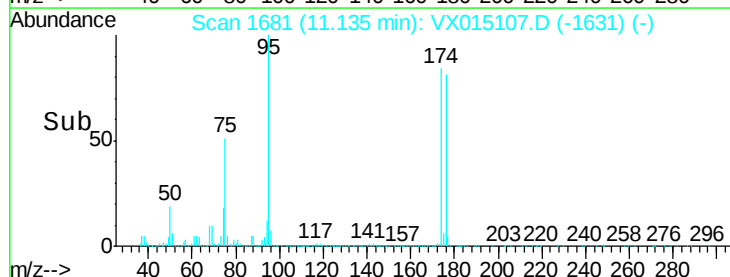
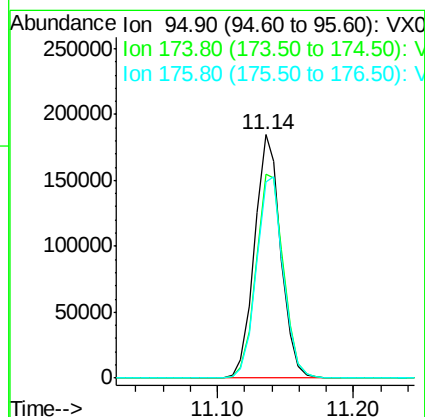
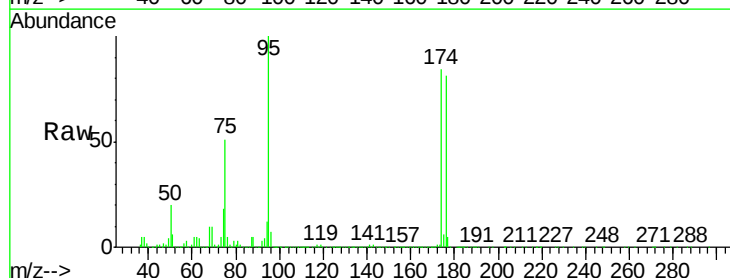
Tgt Ion: 95 Resp: 248979

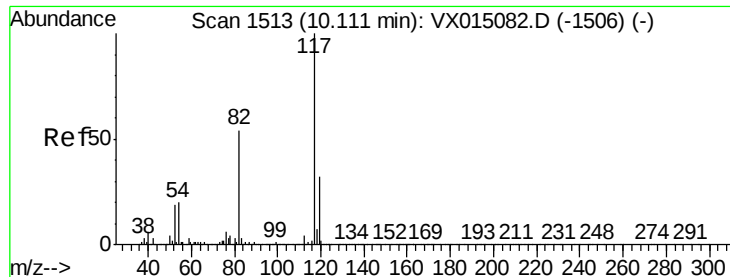
Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.6

176 85.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

VOC-DRUM-030420

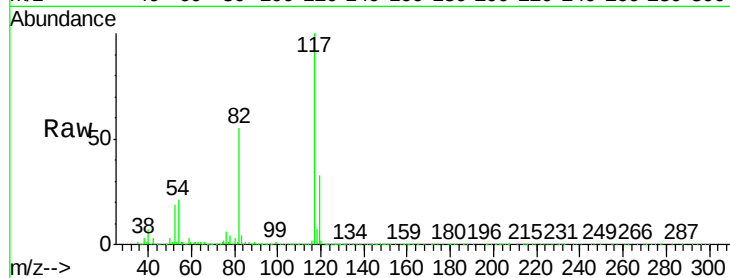
Tot Ion:117 Resp: 532461

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

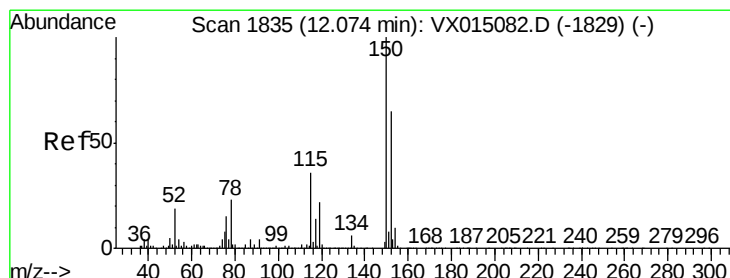
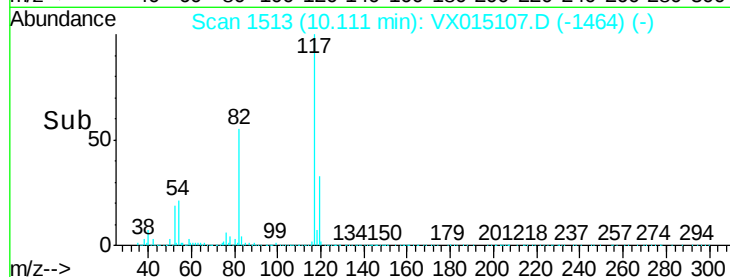
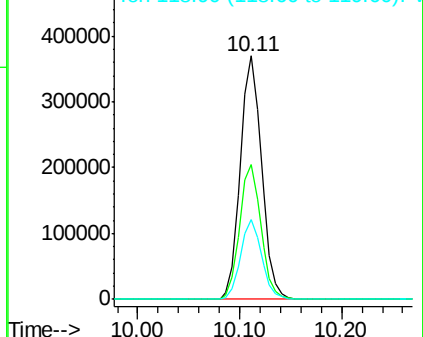
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015107.D

Acq: 05 Mar 2020 13:26

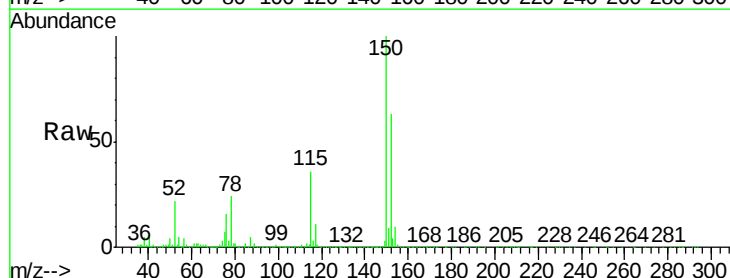
Tgt Ion:152 Resp: 270844

Ion Ratio Lower Upper

152 100

115 55.9 38.2 114.6

150 157.7 0.0 343.8



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

