

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030220\
 Data File : VX015067.D
 Acq On : 02 Mar 2020 13:04
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 02 16:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	705332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	689397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	244172	48.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.48	113	210658	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	864280	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.13	95	330557	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

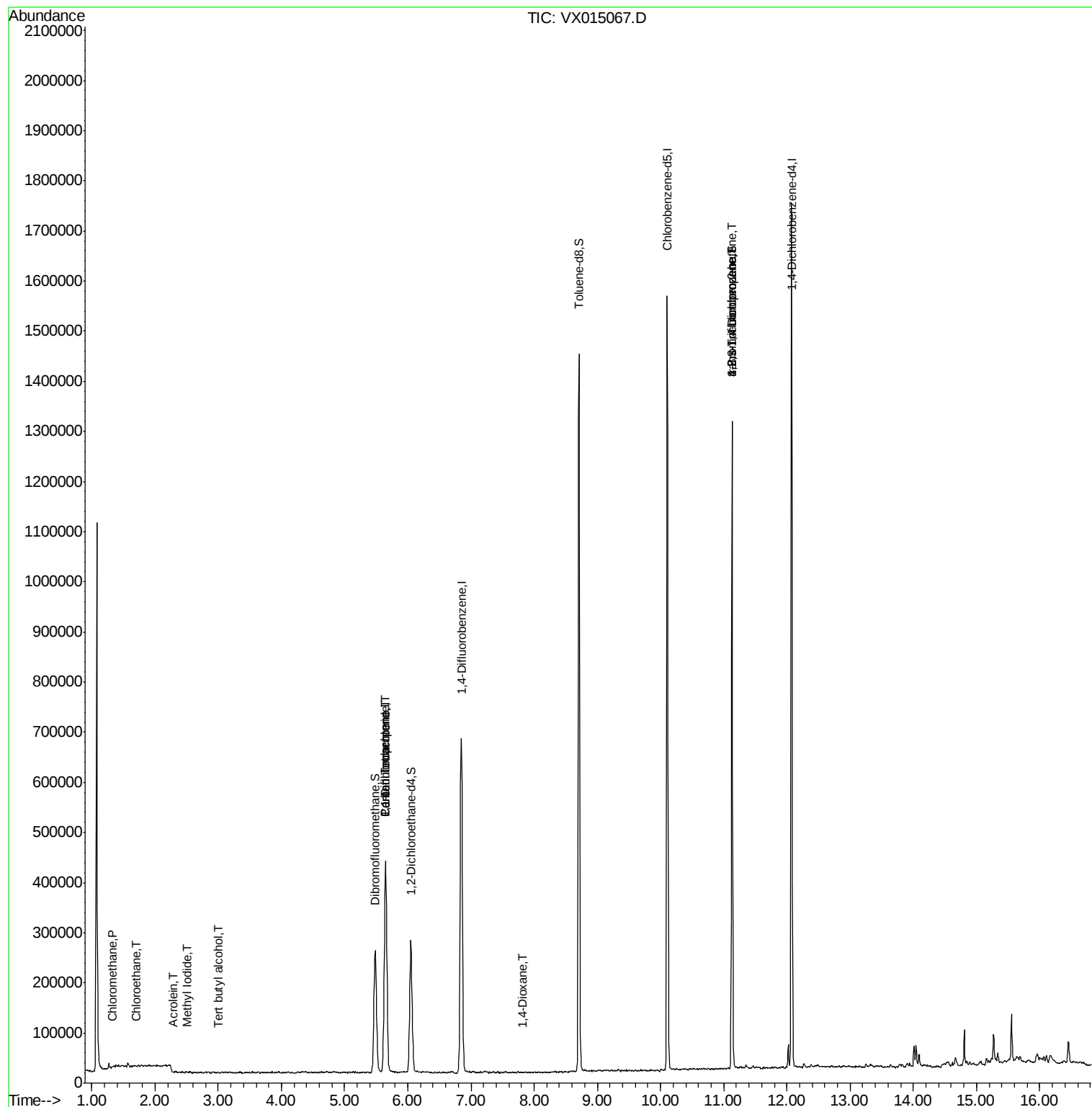
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1205	0.25	ug/l #	56
6) Chloroethane	1.72	64	710	0.22	ug/l	93
10) Methyl Iodide	2.50	142	1479	4.66	ug/l #	73
11) Tert butyl alcohol	3.01	59	371	0.42	ug/l #	1
13) Acrolein	2.29	56	170	0.25	ug/l #	26
16) Acetone	2.40	43	243	Below Cal	#	45
36) 1,1-Dichloropropene	5.65	75	29937	4.74	ug/l #	52
38) Carbon Tetrachloride	5.64	117	38152	6.20	ug/l #	15
49) 1,4-Dioxane	7.83	88	286	2.86	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	161048	24.35	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	161048	62.32	ug/l #	12

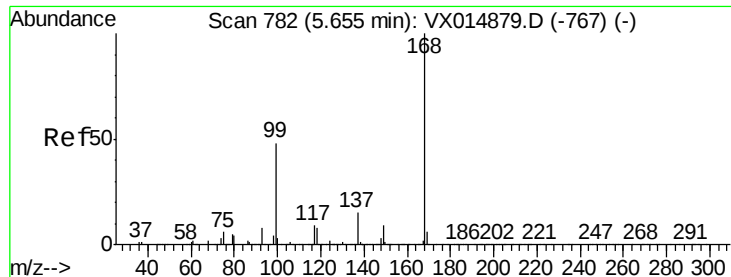
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030220\
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MSVOA_X
ClientSampleId :
IBLK

Quant Time: Mar 02 16:08:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

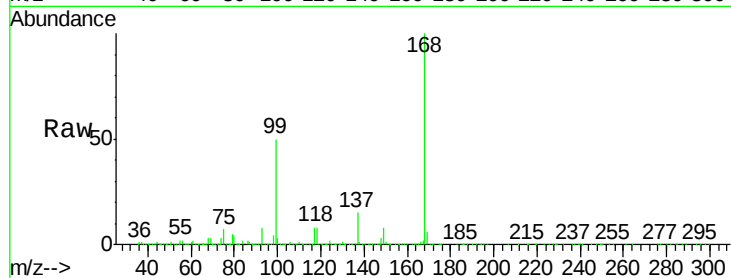
IBLK

Tgt Ion:168 Resp: 442437

Ion Ratio Lower Upper

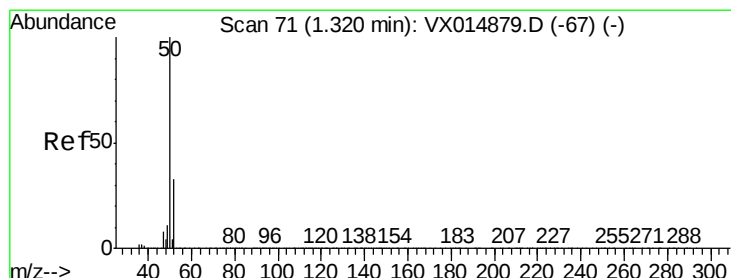
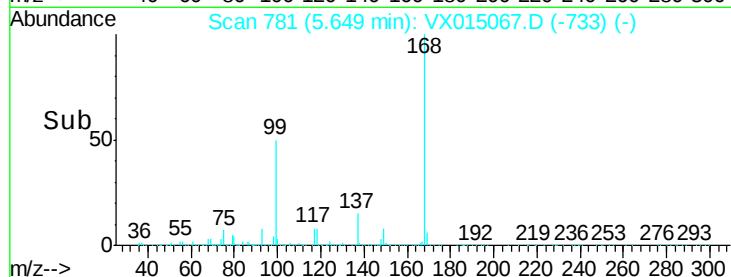
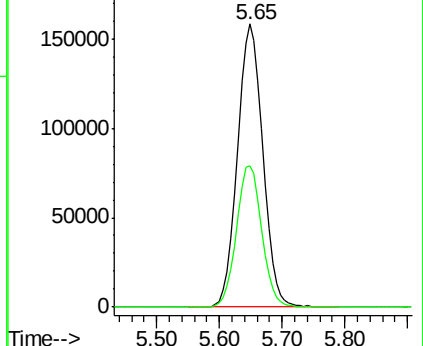
168 100

99 49.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015067.D

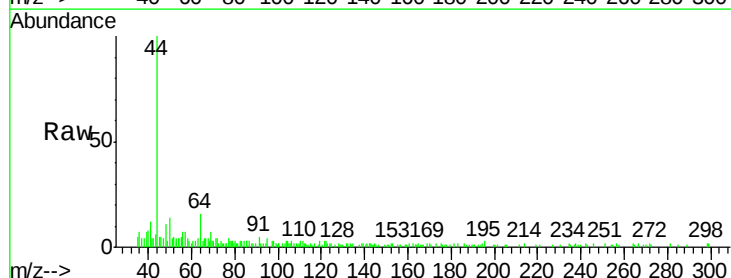
Acq: 02 Mar 2020 13:04

Tgt Ion: 50 Resp: 1205

Ion Ratio Lower Upper

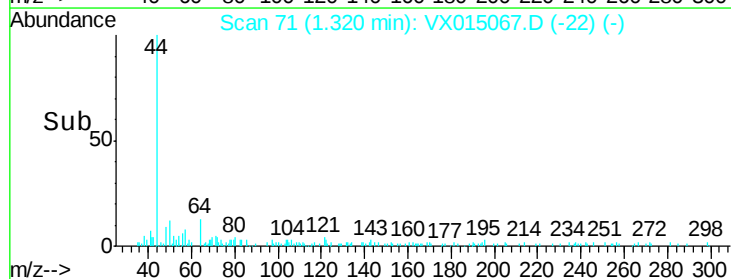
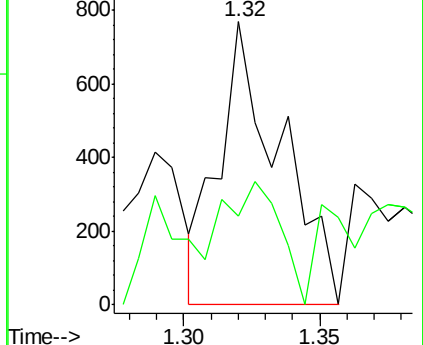
50 100

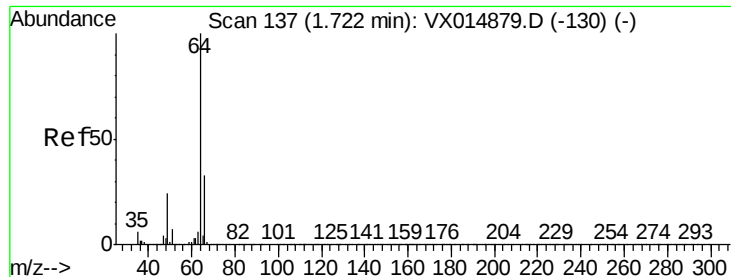
52 8.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.22 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

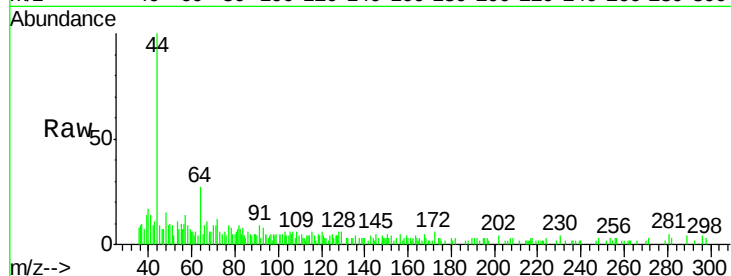
IBLK

Tgt Ion: 64 Resp: 710

Ion Ratio Lower Upper

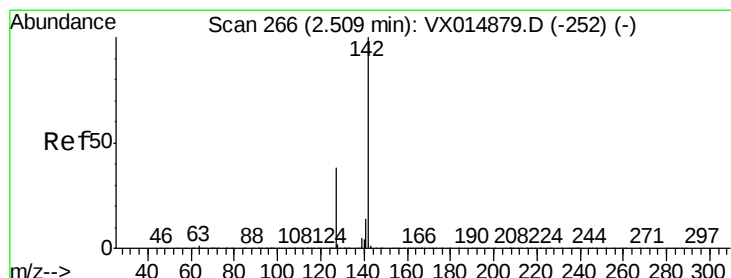
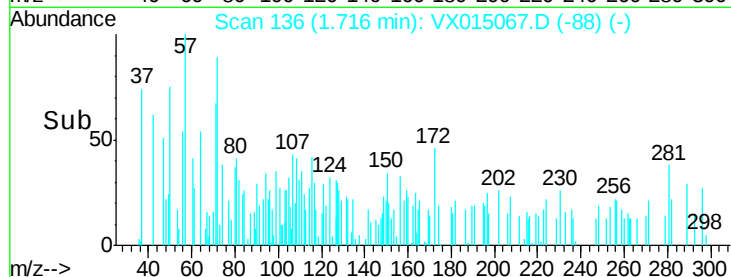
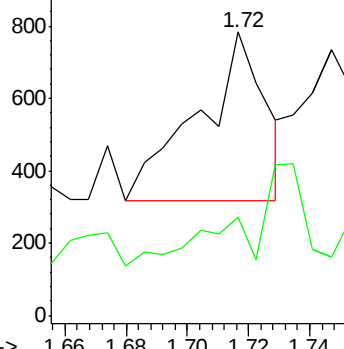
64 100

66 28.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.66 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

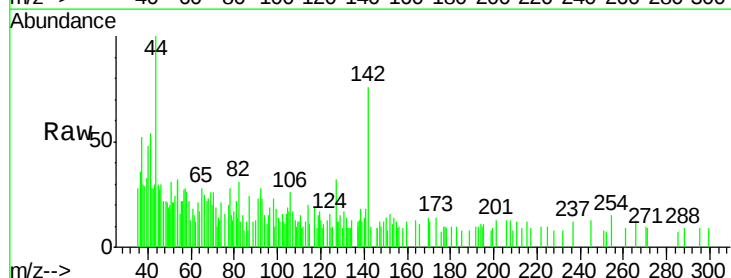
Tgt Ion: 142 Resp: 1479

Ion Ratio Lower Upper

142 100

127 52.5 31.1 46.7#

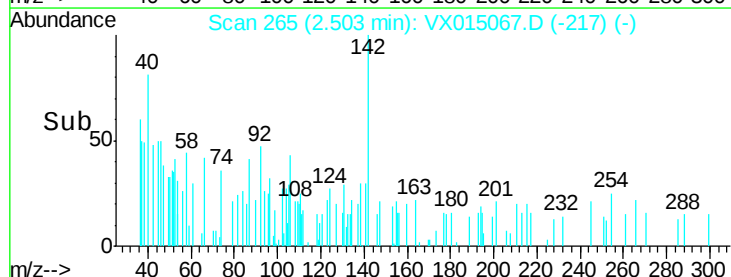
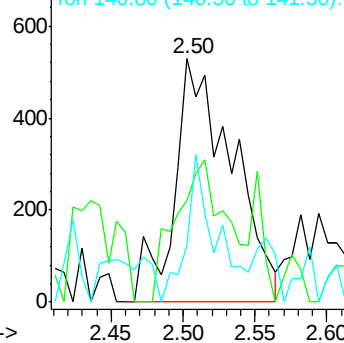
141 31.0 11.3 16.9#

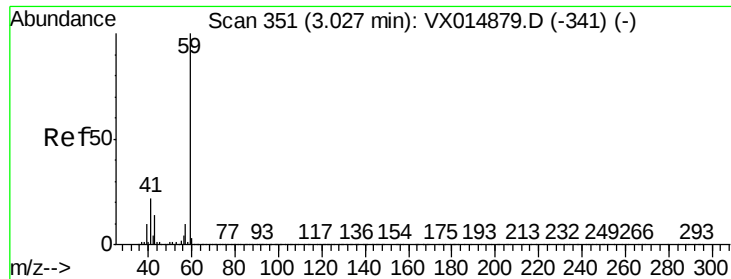


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

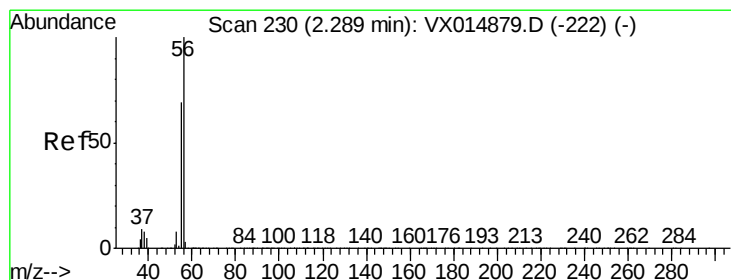
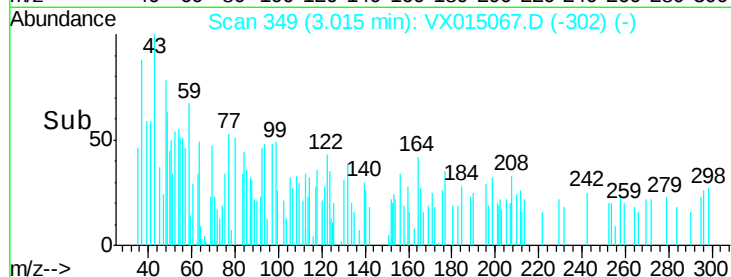
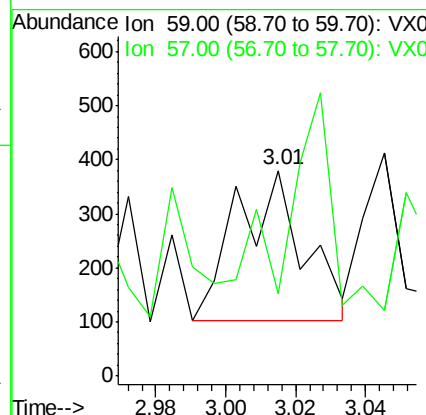
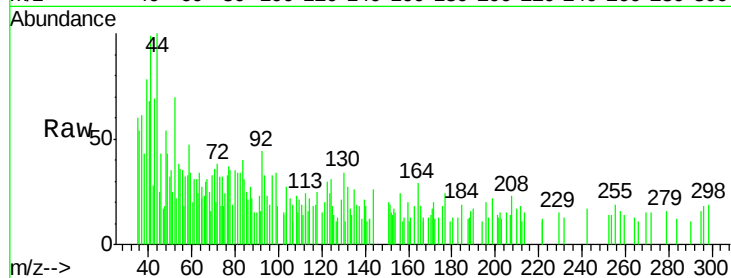




#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

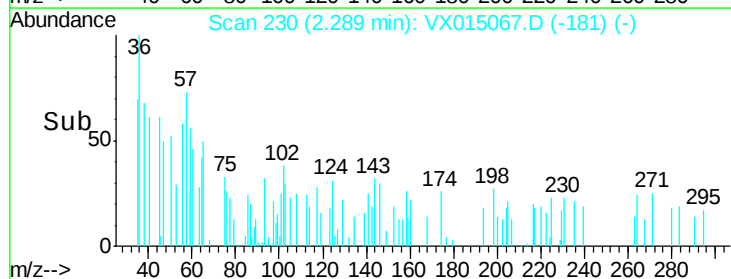
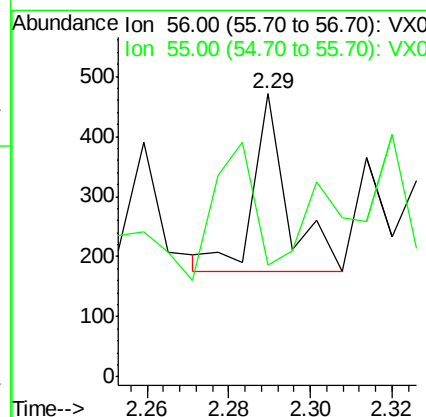
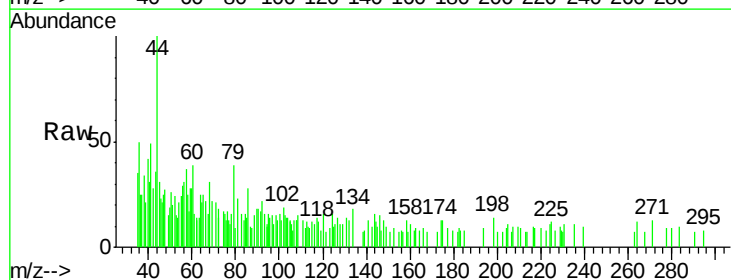
Instrument :
MSVOA_X
ClientSampled :
IBLK

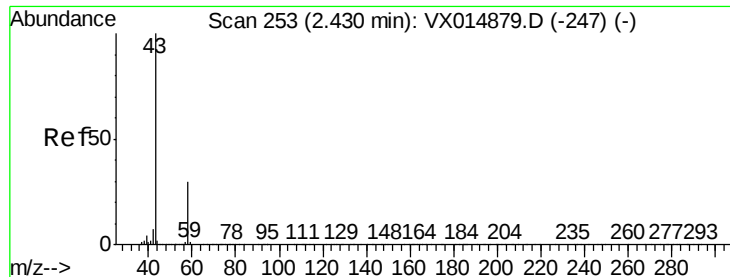
Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 98.4 8.2 12.4#



#13
Acrolein
Concen: 0.25 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 128.8 55.0 82.4#

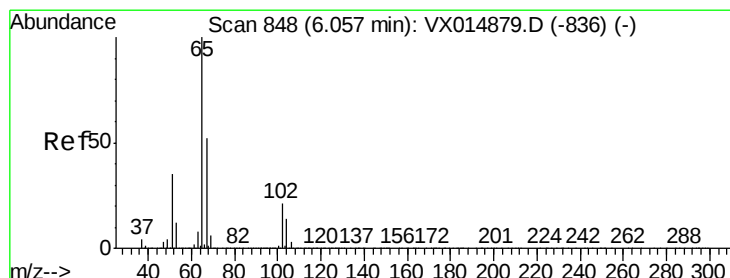
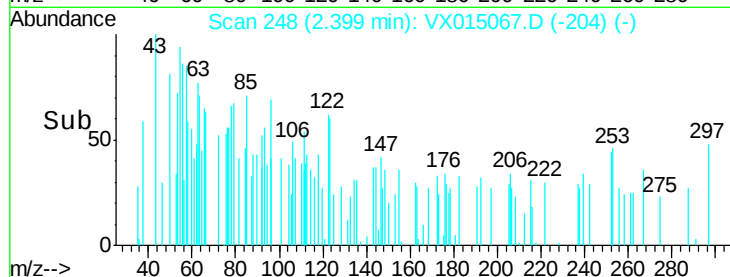
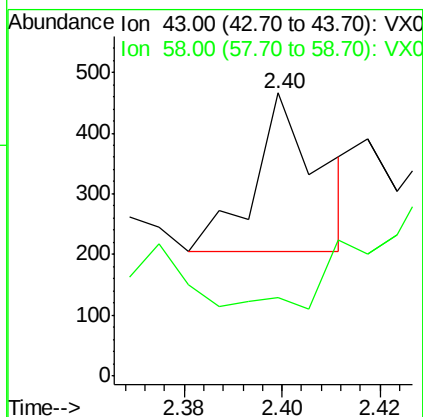
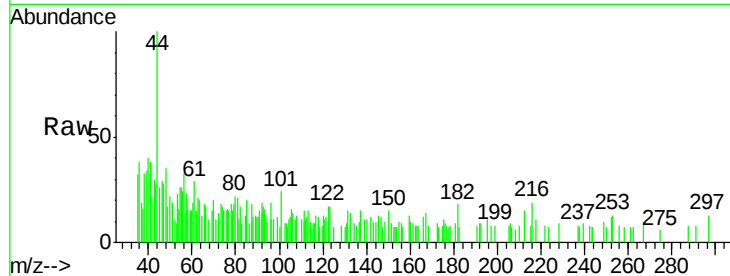




#16
Acetone
Concen: Below Cal
RT: 2.40 min Scan# 248
Delta R.T. -0.03 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

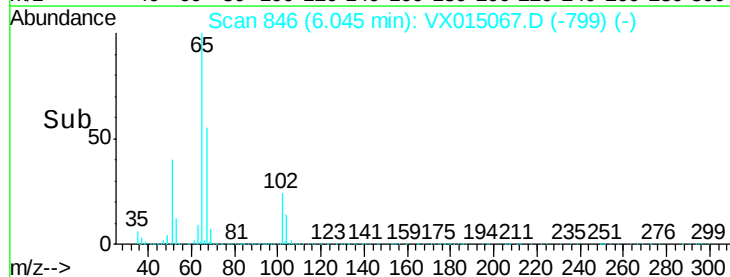
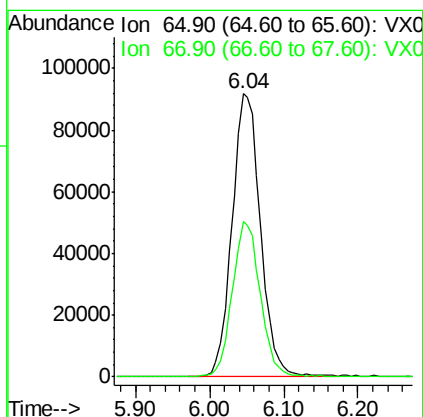
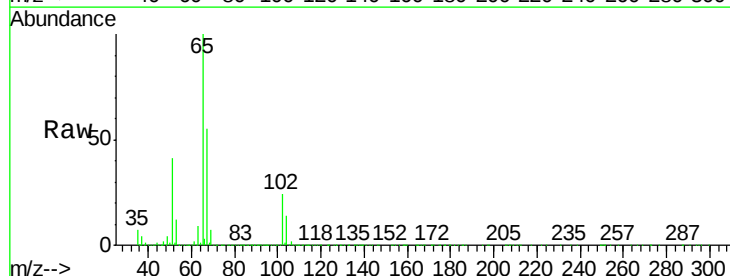
Instrument :
MSVOA_X
ClientSampled :
IBLK

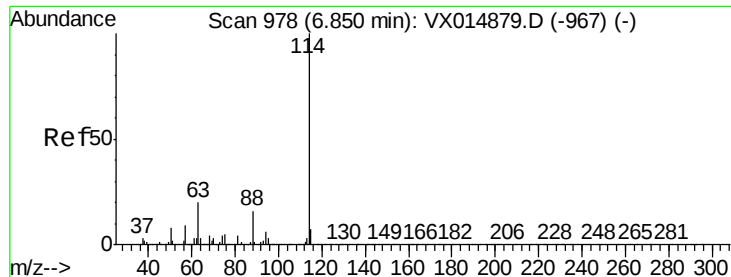
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



#33
1,2-Dichloroethane-d4
Concen: 48.90 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Tgt Ion: 65 Resp: 244172
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

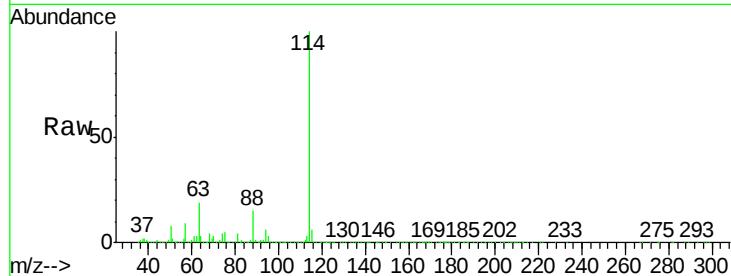
Tgt Ion:114 Resp: 705332

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

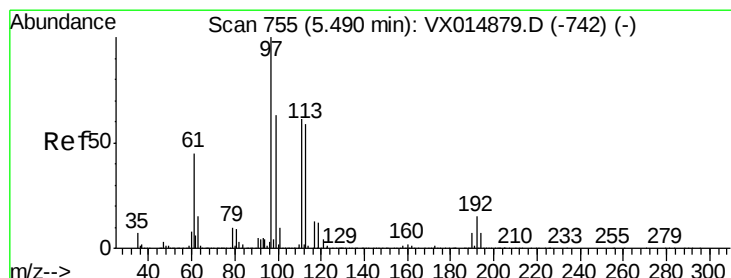
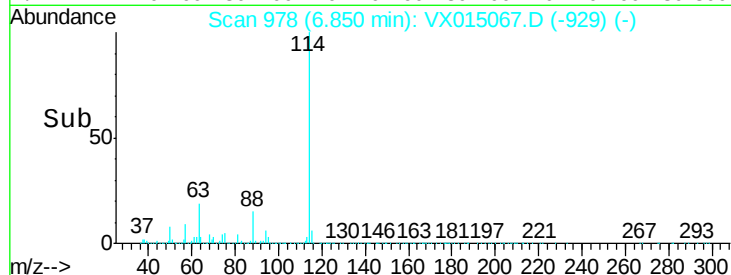
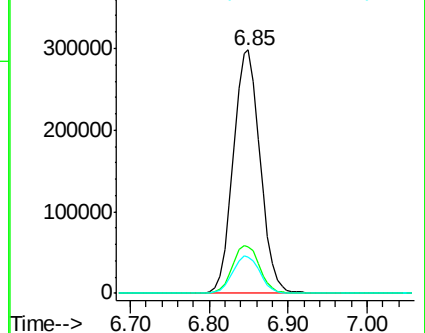
88 15.1 0.0 32.0



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: 48.58 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

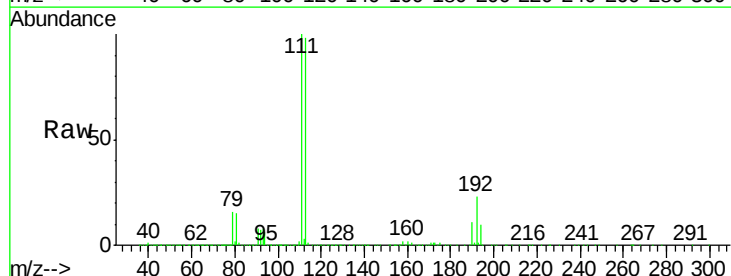
Tgt Ion:113 Resp: 210658

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

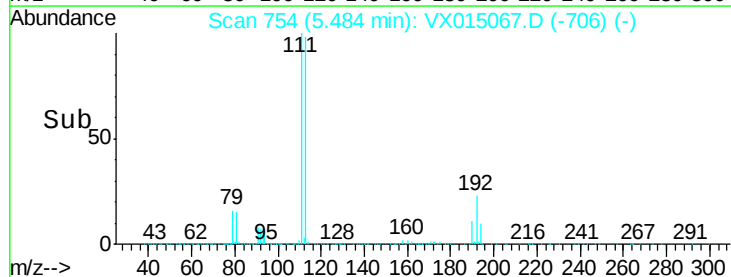
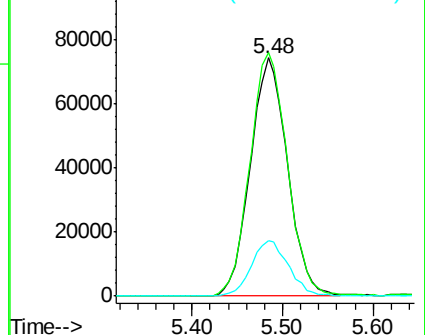
192 23.5 19.1 28.7

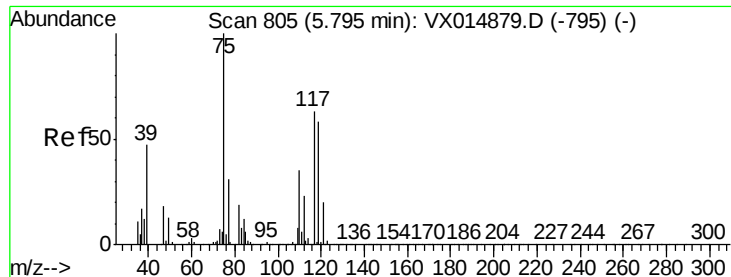


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.74 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampled :

IBLK

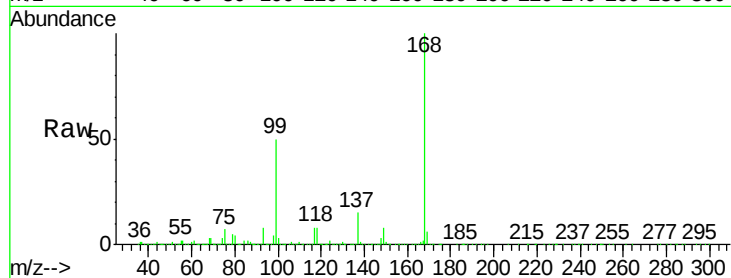
Tgt Ion: 75 Resp: 29937

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

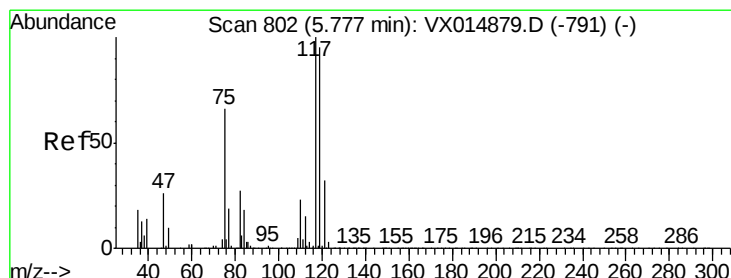
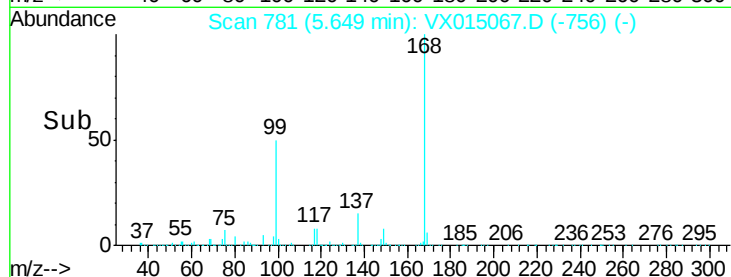
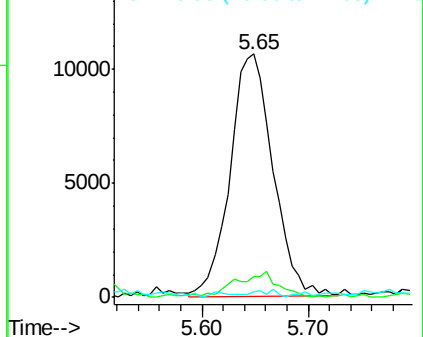
77 1.5 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX014879.D (-795) (-)

Ion 109.90 (109.60 to 110.60): VX014879.D (-795) (-)

Ion 76.90 (76.60 to 77.60): VX014879.D (-795) (-)



#38

Carbon Tetrachloride

Concen: 6.20 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

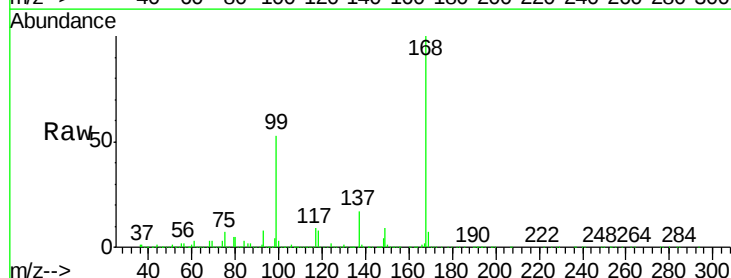
Tgt Ion: 117 Resp: 38152

Ion Ratio Lower Upper

117 100

119 3.5 76.0 114.0#

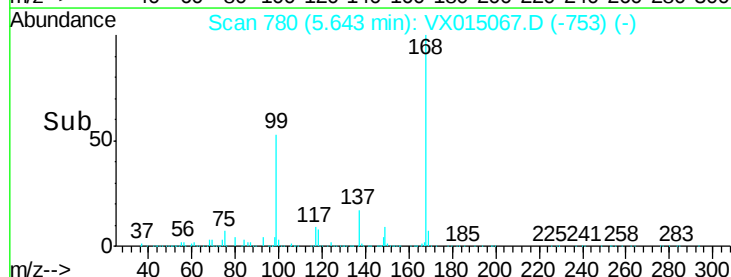
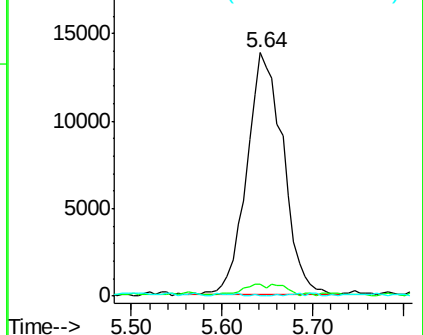
121 0.0 25.4 38.2#

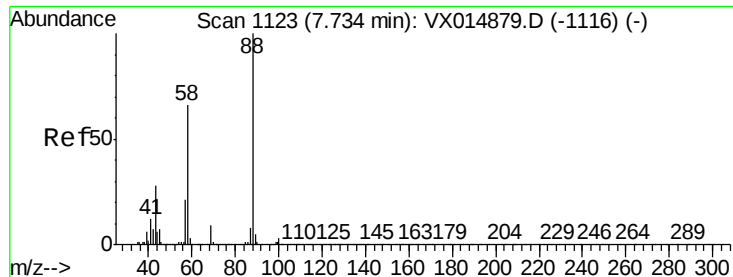


Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-791) (-)

Ion 118.80 (118.50 to 119.50): VX014879.D (-791) (-)

Ion 120.80 (120.50 to 121.50): VX014879.D (-791) (-)





#49

1,4-Dioxane

Concen: 2.86 ug/l

RT: 7.83 min Scan# 1138

Delta R.T. 0.09 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

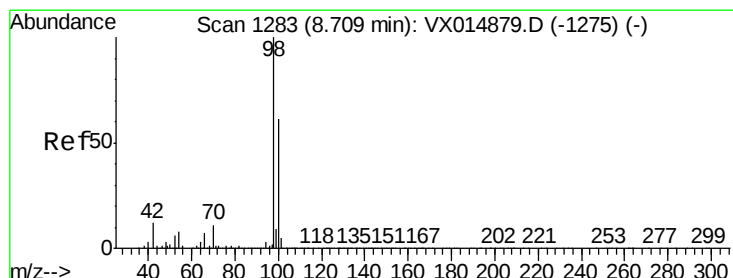
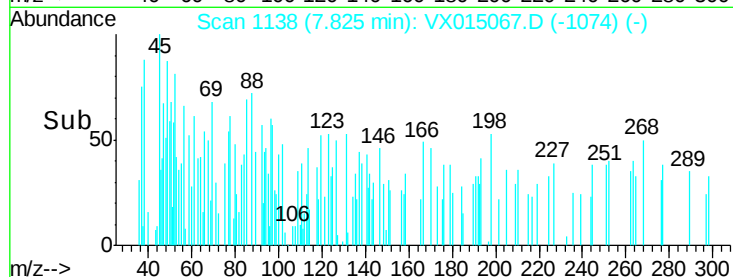
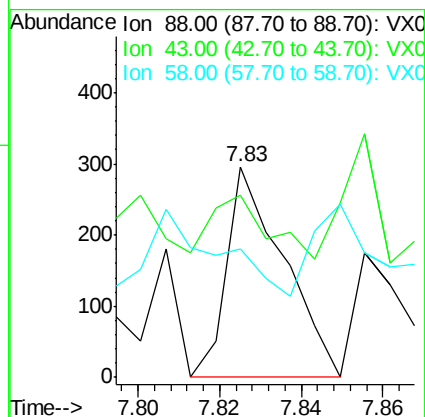
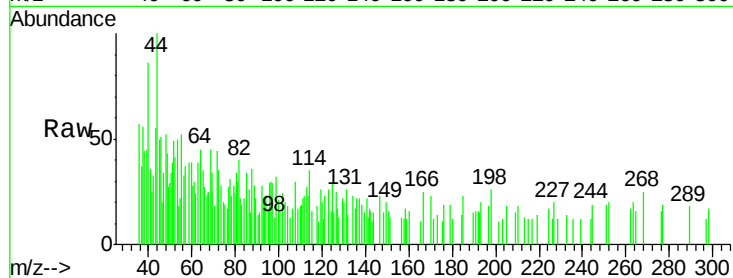
Tgt Ion: 88 Resp: 286

Ion Ratio Lower Upper

88 100

43 28.7 27.0 40.4

58 62.6 53.2 79.8



#50

Toluene-d8

Concen: 52.22 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015067.D

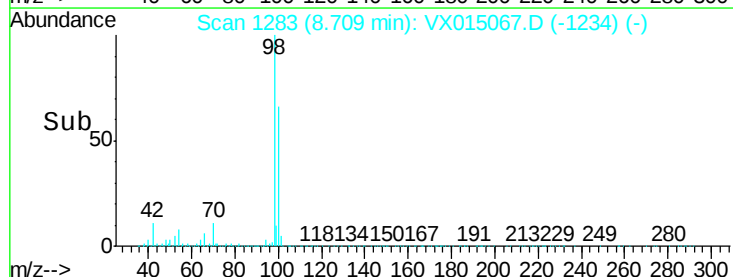
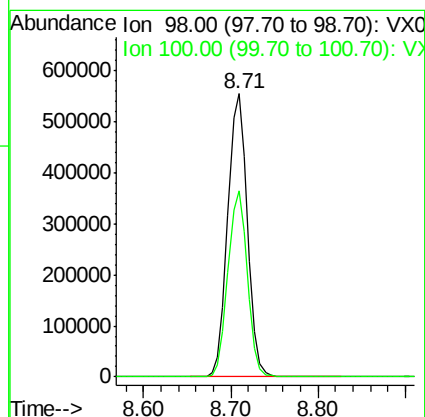
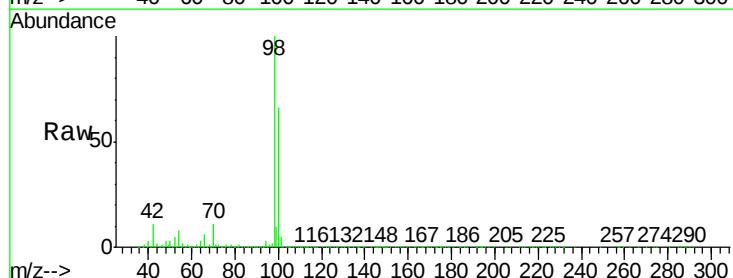
Acq: 02 Mar 2020 13:04

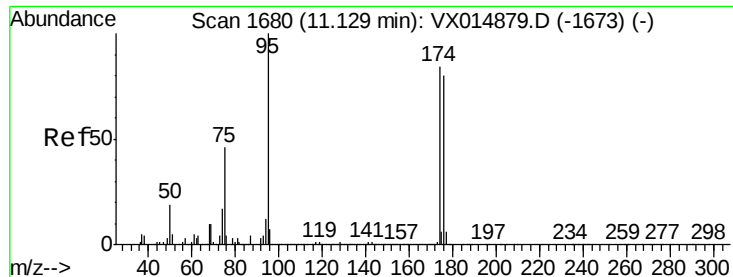
Tgt Ion: 98 Resp: 864280

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

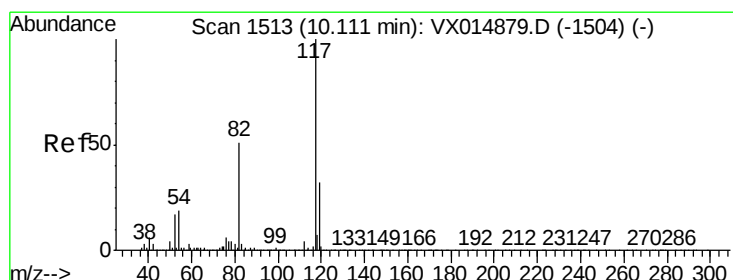
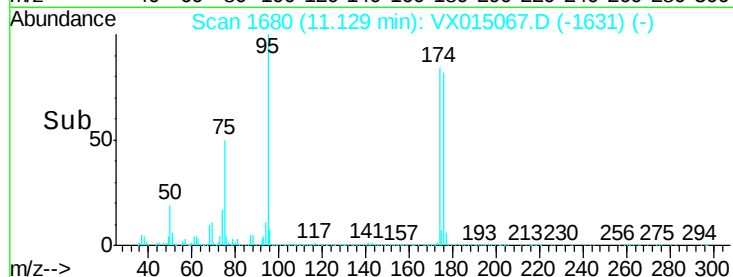
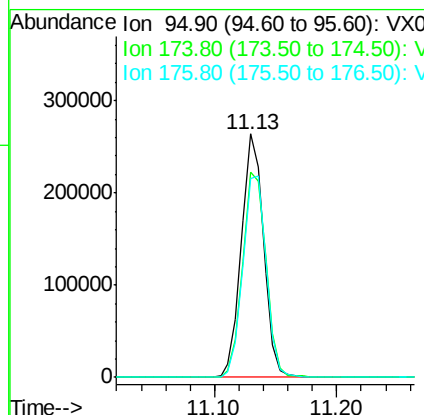
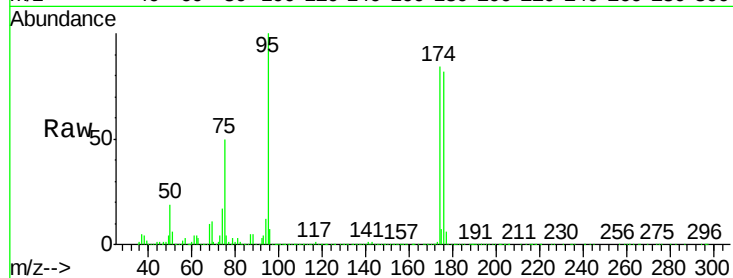




#62
4-Bromofluorobenzene
Concen: 55.44 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

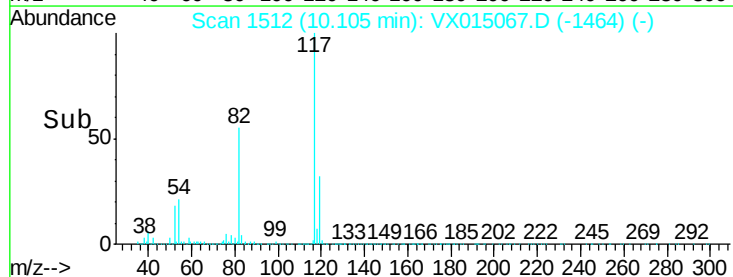
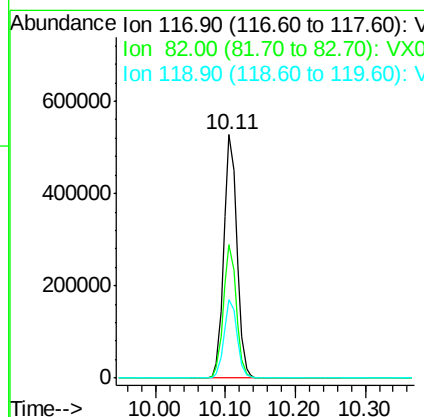
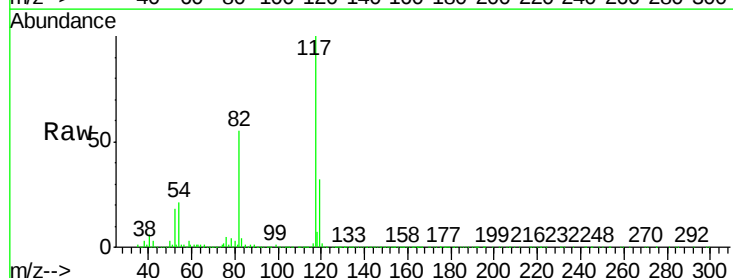
Instrument :
MSVOA_X
ClientSampleId :
IBLK

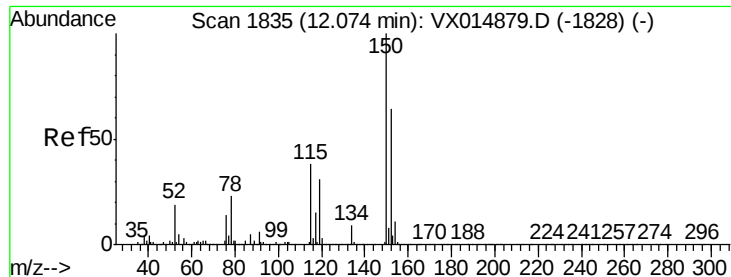
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	183.0
176	87.4	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.5	60.7
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampled :

IBLK

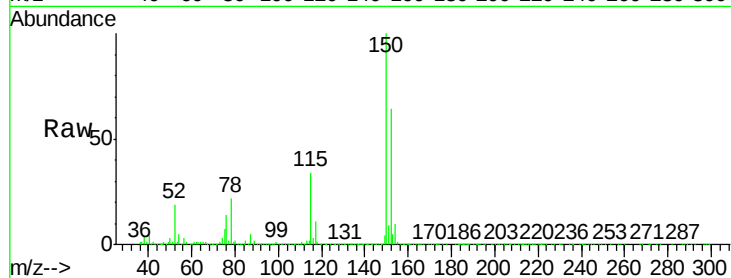
Tgt Ion: 152 Resp: 365788

Ion Ratio Lower Upper

152 100

115 55.1 38.6 116.0

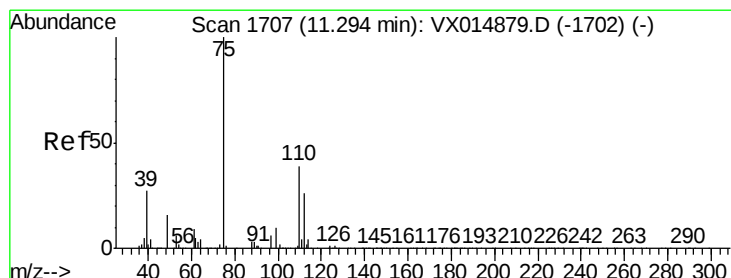
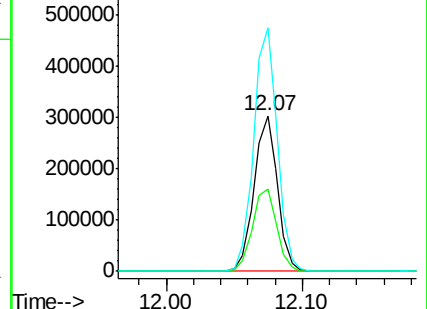
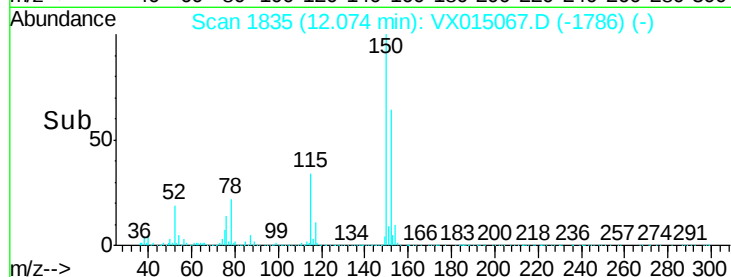
150 158.4 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 24.35 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015067.D

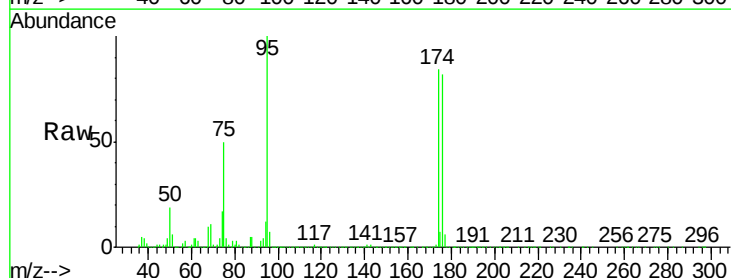
Acq: 02 Mar 2020 13:04

Tgt Ion: 75 Resp: 161048

Ion Ratio Lower Upper

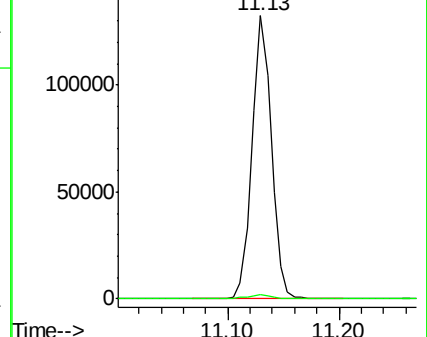
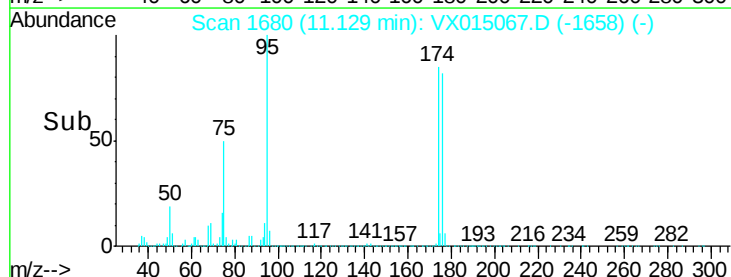
75 100

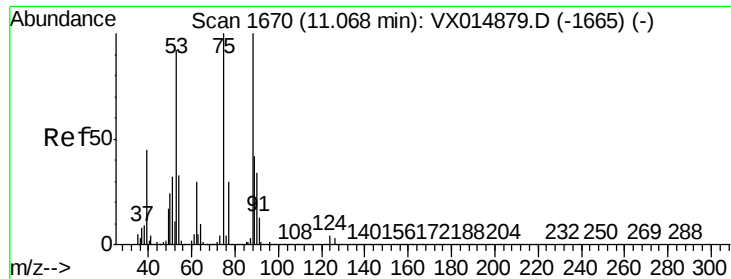
77 1.3 18.4 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 62.32 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

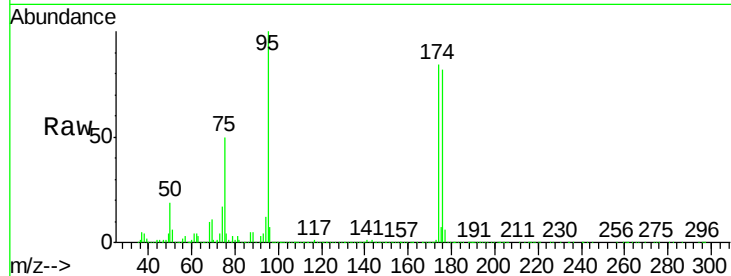
Tgt Ion: 75 Resp: 161048

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

