

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013325.D
 Acq On : 04 Nov 2019 15:41
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 05 00:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	797796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1222540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1105971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	539915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	447902	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	5.48	113	363722	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	1453729	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	521506	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

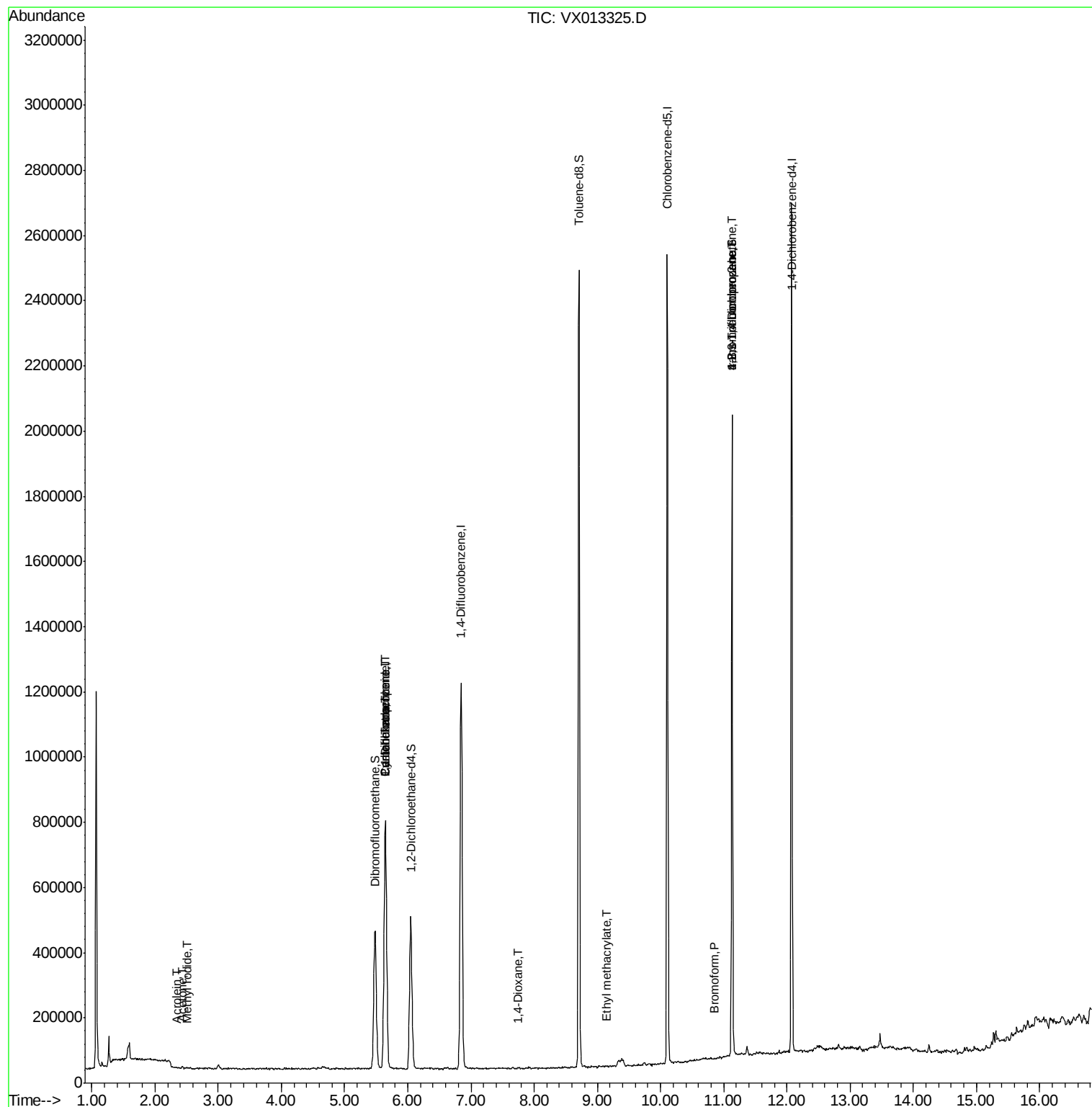
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	2643	Below Cal	#	43
10) Methyl Iodide	2.51	142	2046	0.221	ug/l #	74
13) Acrolein	2.33	56	397	0.294	ug/l	92
16) Acetone	2.43	43	3139	0.666	ug/l	94
31) Cyclohexane	5.65	56	14744	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	52309	4.988	ug/l #	52
38) Carbon Tetrachloride	5.65	117	69955	6.821	ug/l #	16
49) 1,4-Dioxane	7.74	88	507	2.198	ug/l #	86
56) Ethyl methacrylate	9.14	69	629	1.606	ug/l #	1
71) Bromoform	10.85	173	589	3.275	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	252435	23.019	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	252435	59.250	ug/l #	9

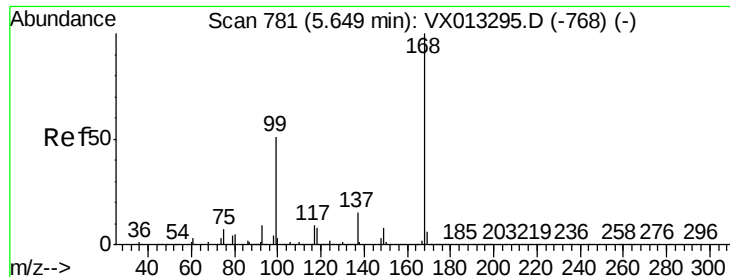
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.00 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

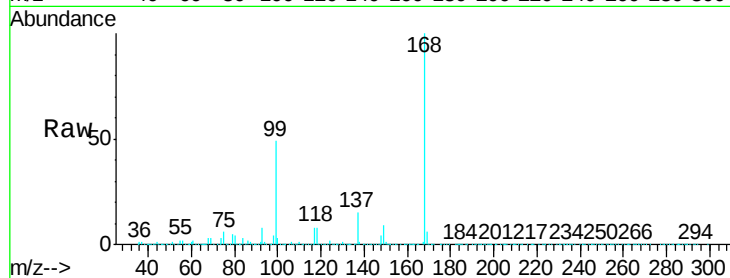
IBLK

Tgt Ion:168 Resp: 797796

Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

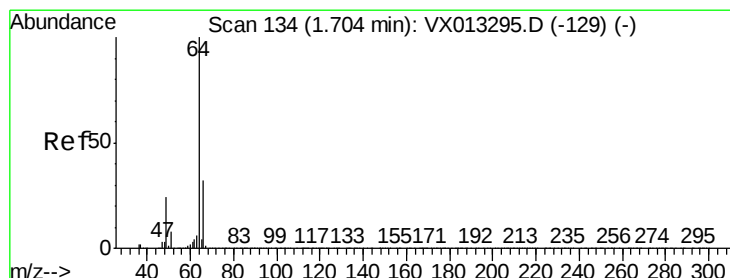
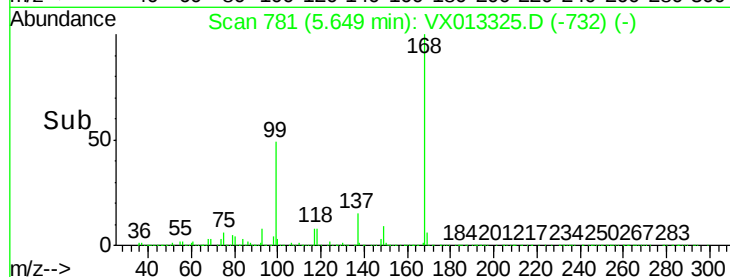
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 142

Delta R.T. 0.05 min

Lab File: VX013325.D

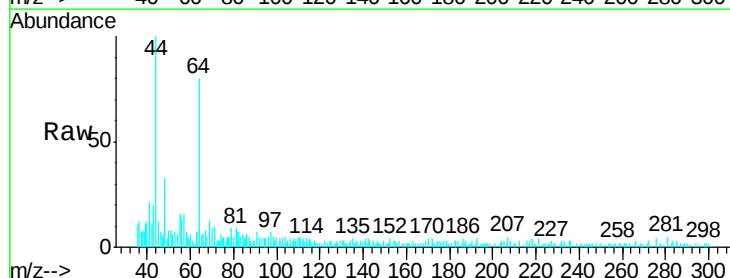
Acq: 04 Nov 2019 15:41

Tgt Ion: 64 Resp: 2643

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.75

5000

4000

3000

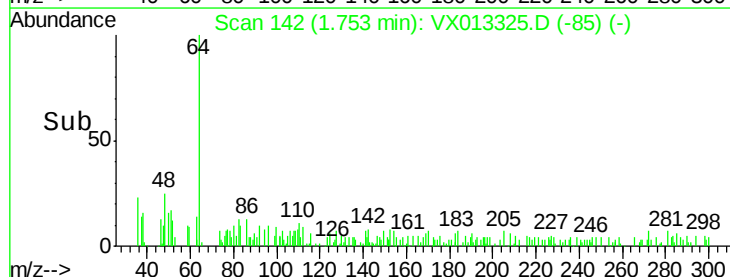
2000

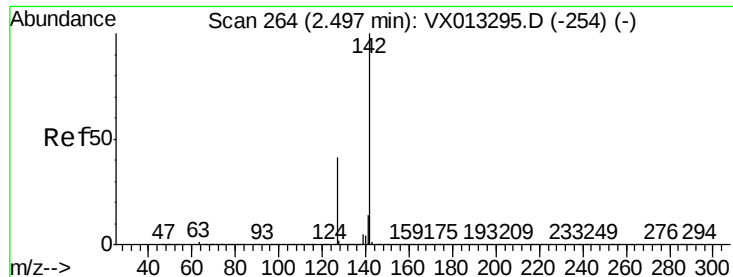
1000

0

Time-->

1.72 1.74 1.76 1.78

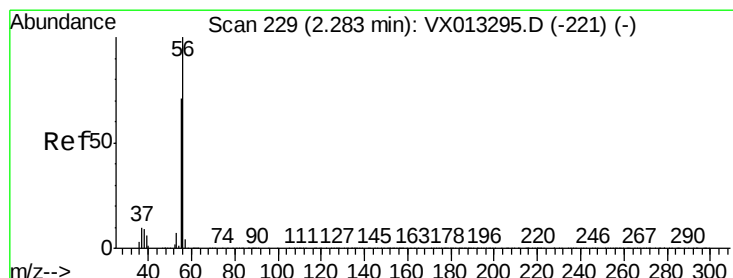
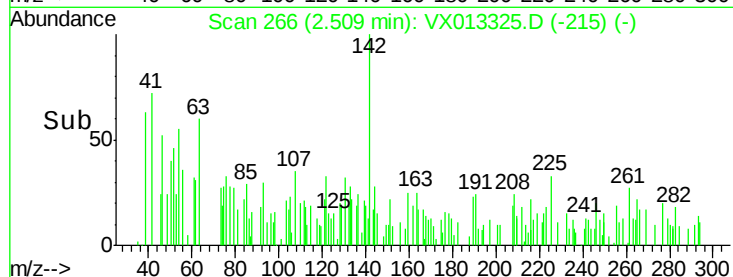
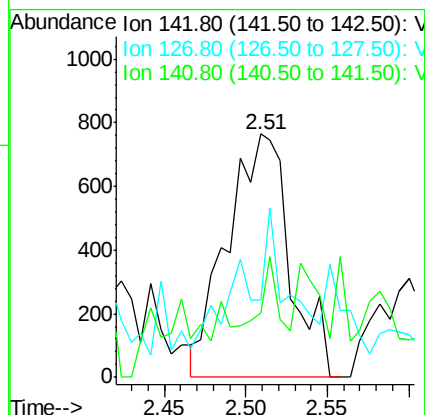
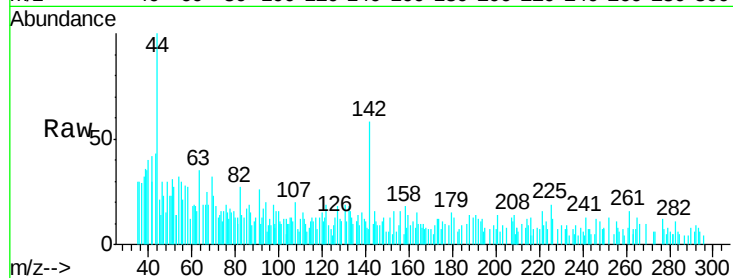




#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

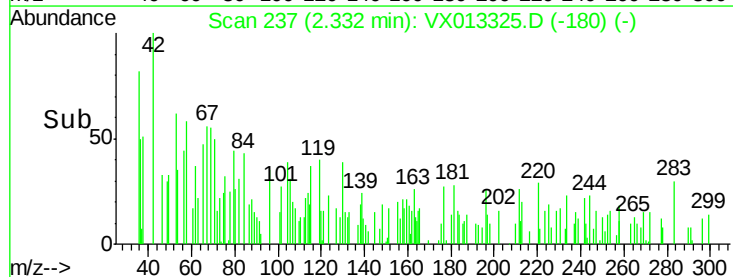
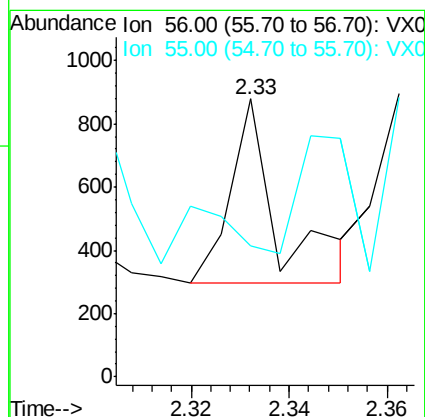
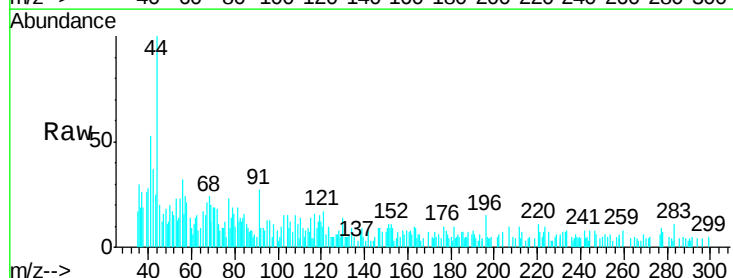
Instrument :
MSVOA_X
ClientSampled :
IBLK

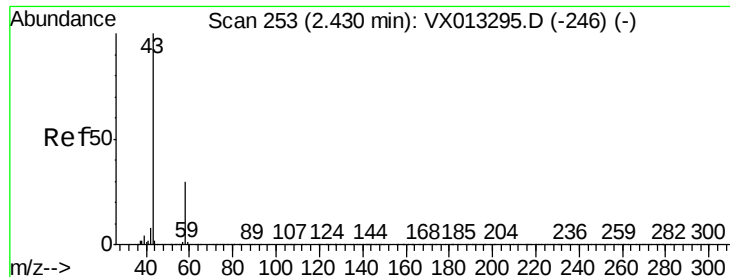
Tgt Ion: 142 Resp: 2046
Ion Ratio Lower Upper
142 100
127 19.3 32.6 49.0#
141 15.2 11.6 17.4



#13
Acrolein
Concen: 0.294 ug/l
RT: 2.33 min Scan# 237
Delta R.T. 0.05 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

Tgt Ion: 56 Resp: 397
Ion Ratio Lower Upper
56 100
55 78.3 57.4 86.0





#16

Acetone

Concen: 0.666 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampled :

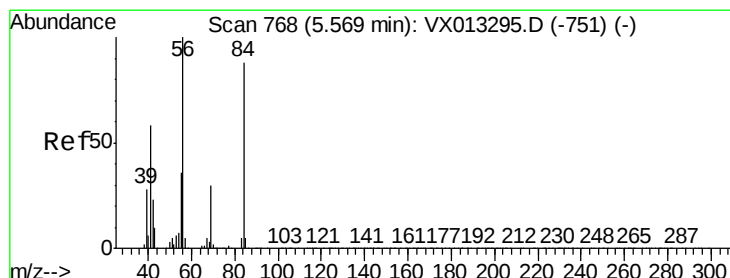
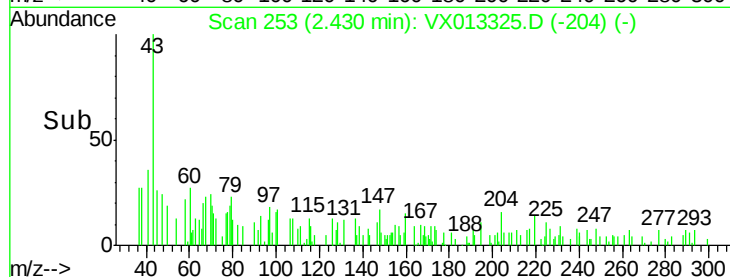
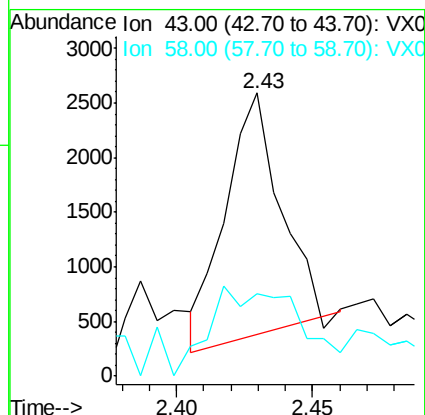
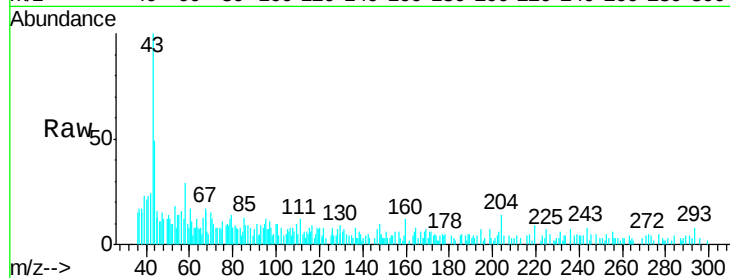
IBLK

Tgt Ion: 43 Resp: 3139

Ion Ratio Lower Upper

43 100

58 26.9 24.3 36.5



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

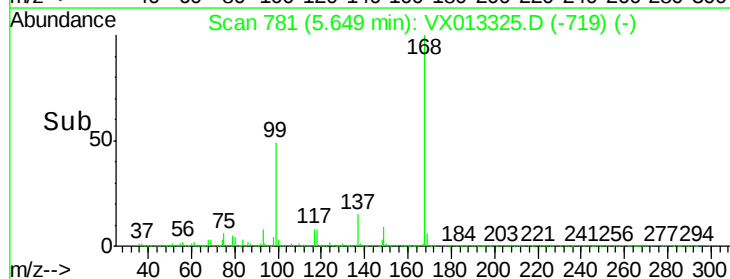
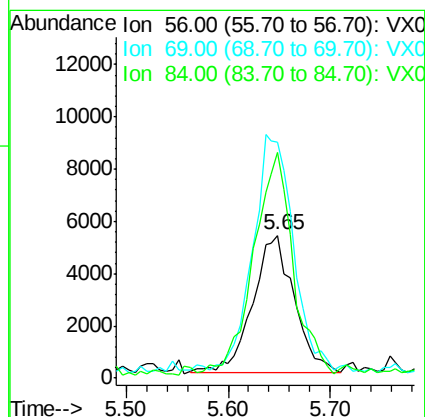
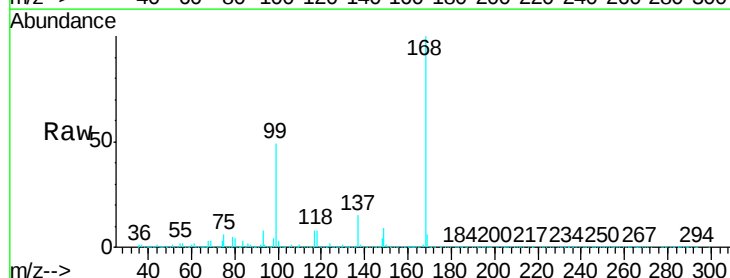
Tgt Ion: 56 Resp: 14744

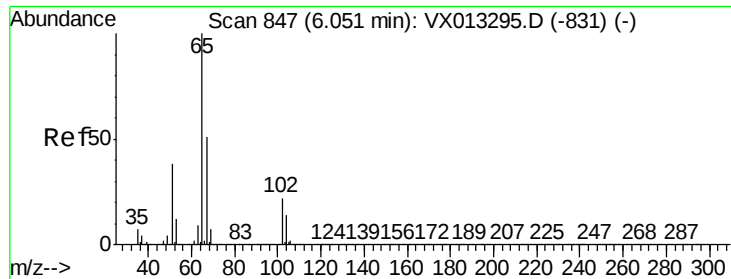
Ion Ratio Lower Upper

56 100

69 166.7 23.7 35.5#

84 158.2 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 47.389 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

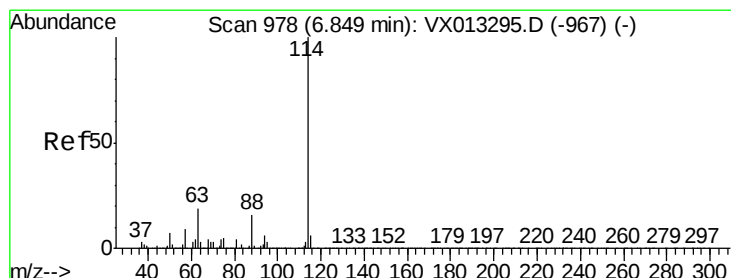
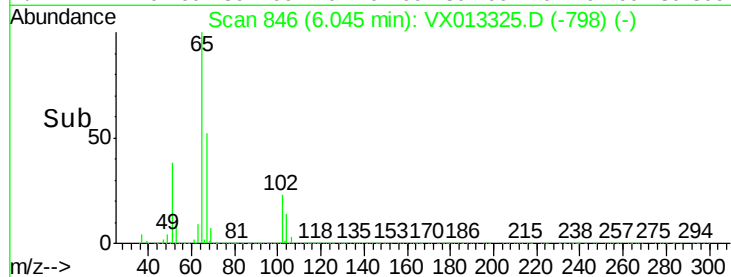
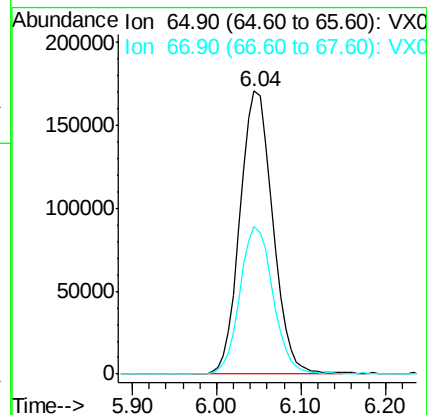
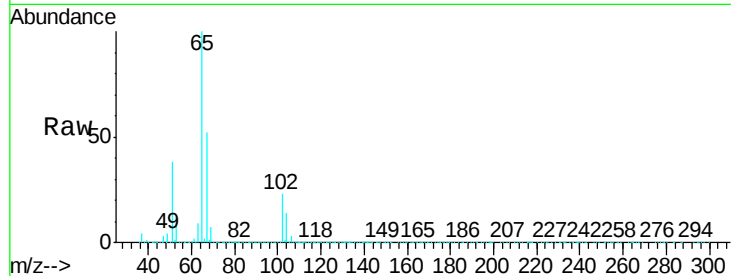
IBLK

Tgt Ion: 65 Resp: 447902

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

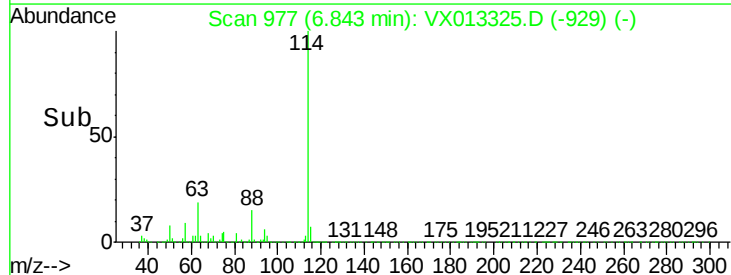
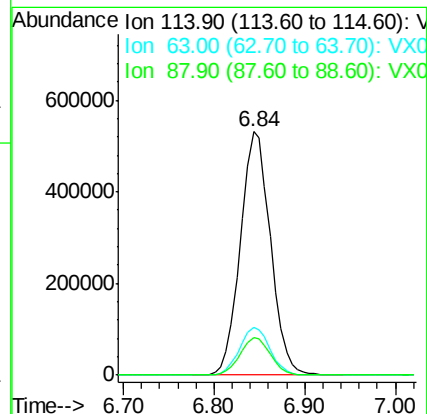
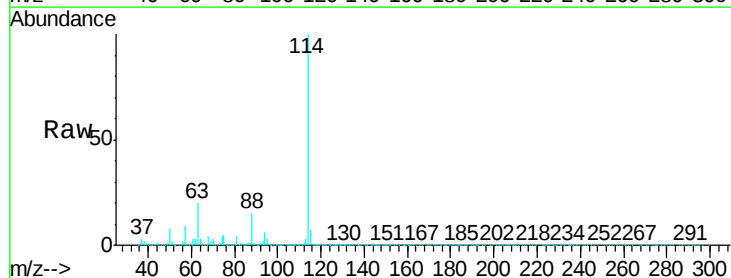
Tgt Ion: 114 Resp: 1222540

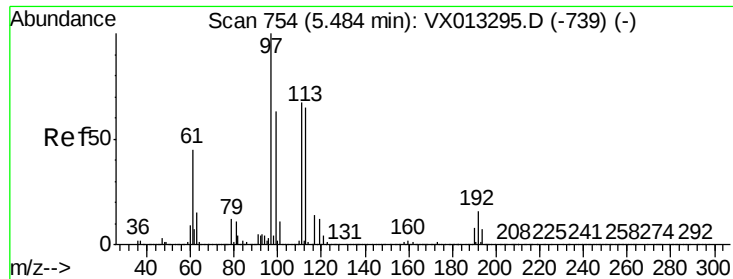
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.3 0.0 32.2

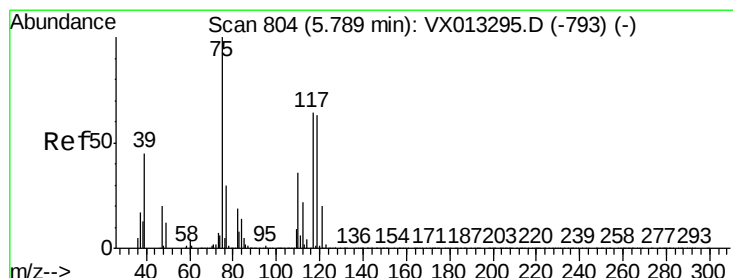
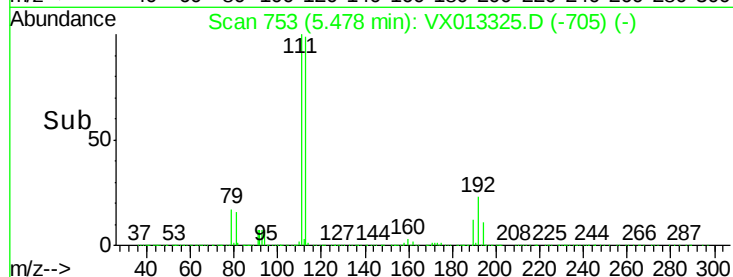
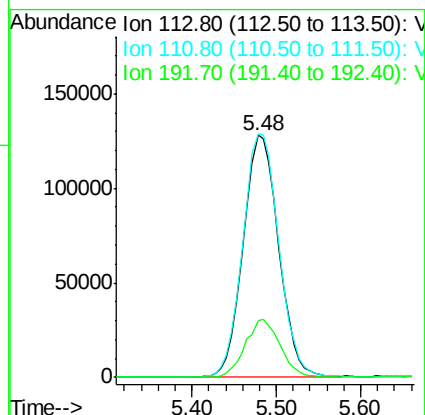
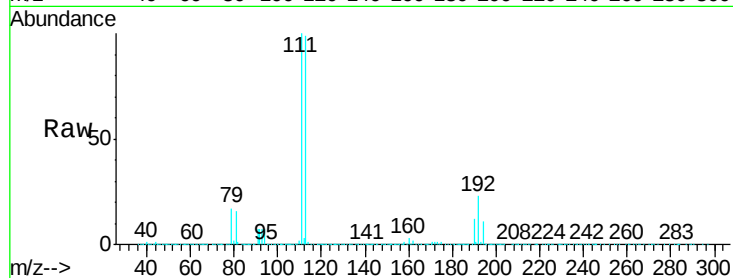




#35
Dibromofluoromethane
Concen: 47.434 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

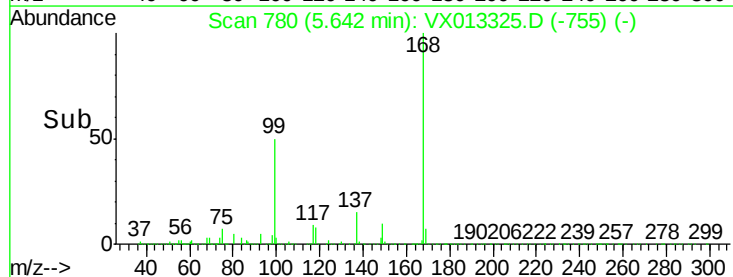
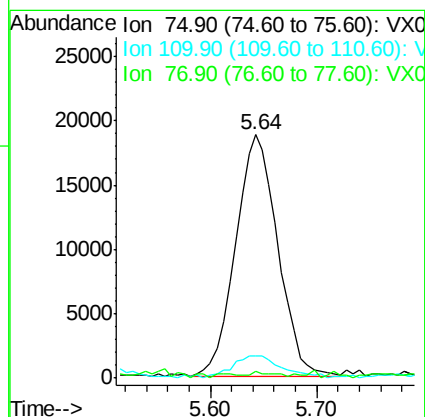
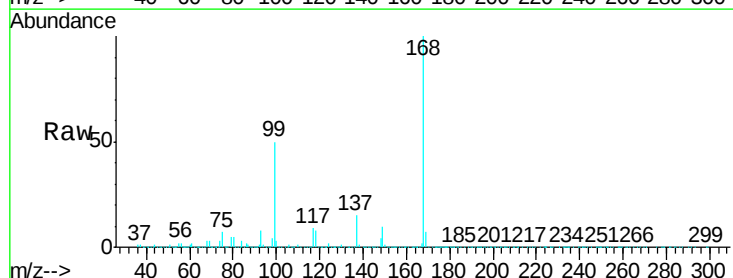
Instrument :
MSVOA_X
ClientSampleId :
IBLK

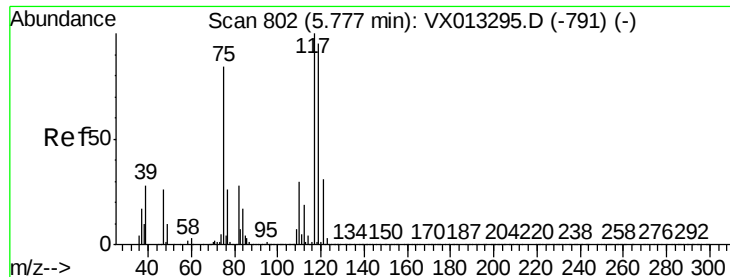
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.6	19.1	28.7



#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.1#
77	1.6	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.821 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampled :

IBLK

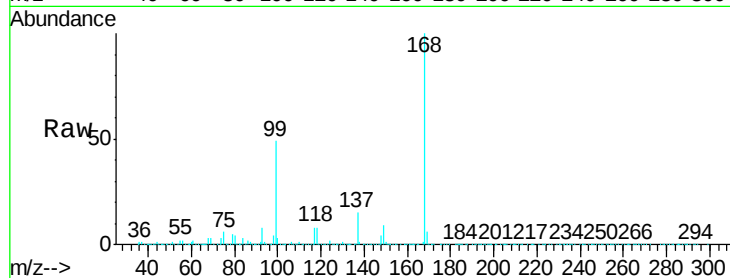
Tgt Ion: 117 Resp: 69955

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

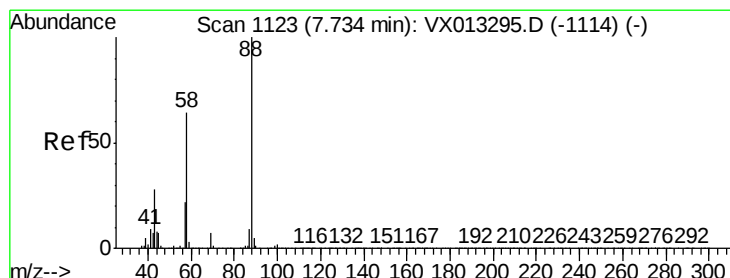
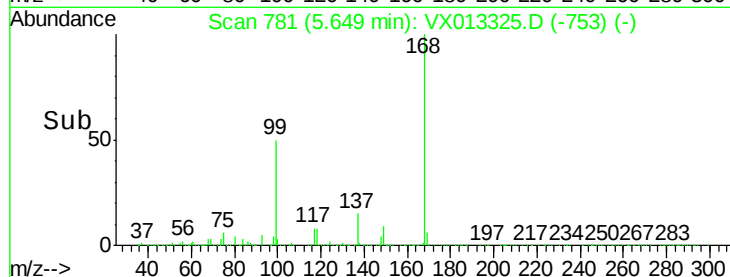
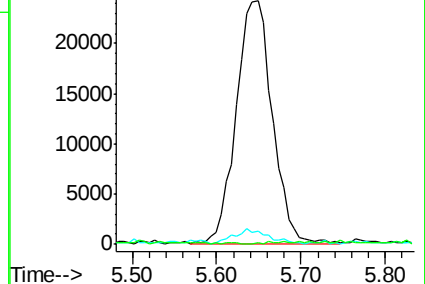
121 0.2 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 2.198 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

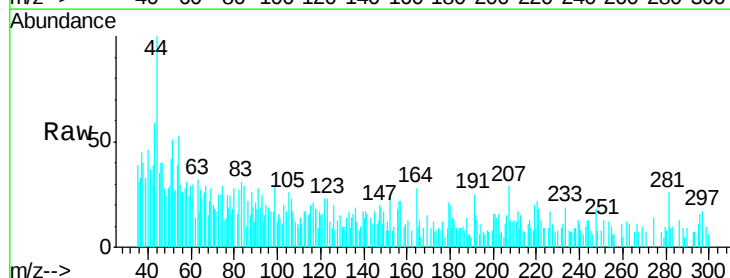
Tgt Ion: 88 Resp: 507

Ion Ratio Lower Upper

88 100

43 43.2 26.6 39.8#

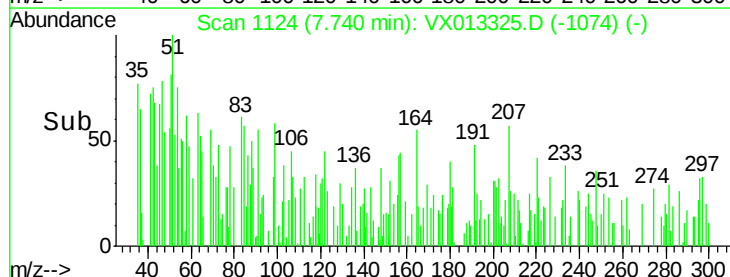
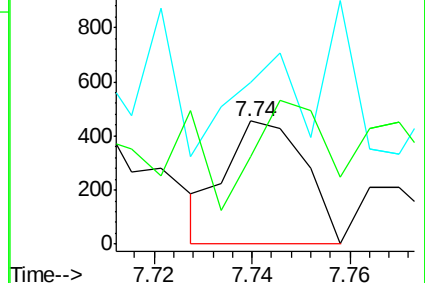
58 79.3 55.0 82.6

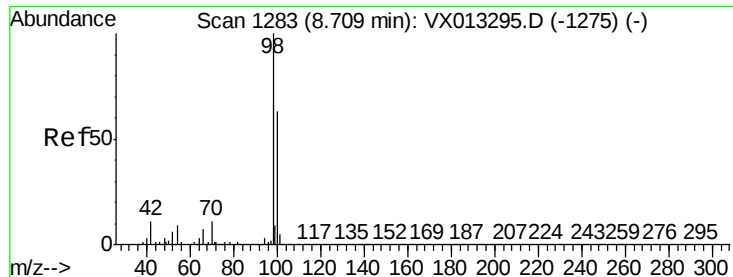


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.289 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

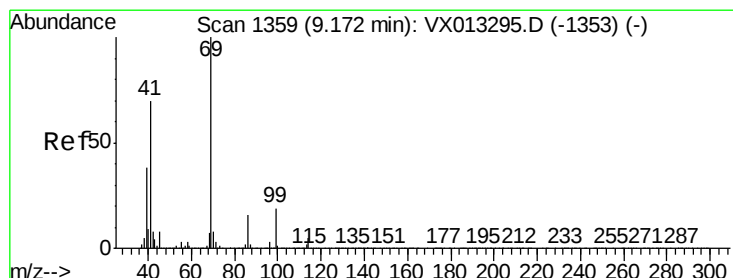
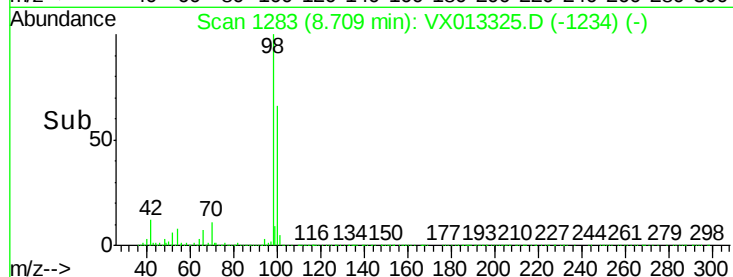
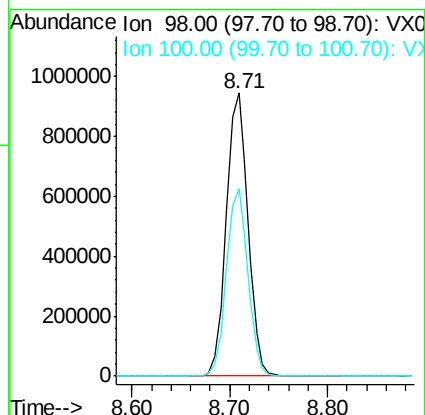
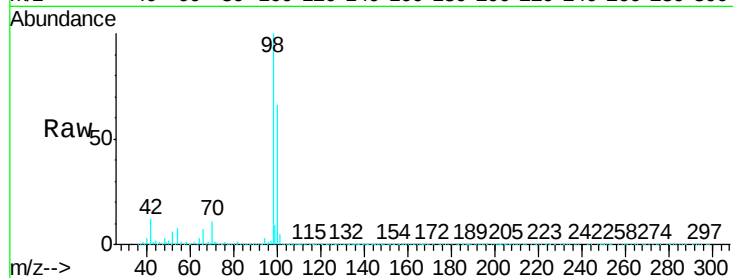
IBLK

Tgt Ion: 98 Resp: 1453729

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.606 ug/l

RT: 9.14 min Scan# 1354

Delta R.T. -0.03 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

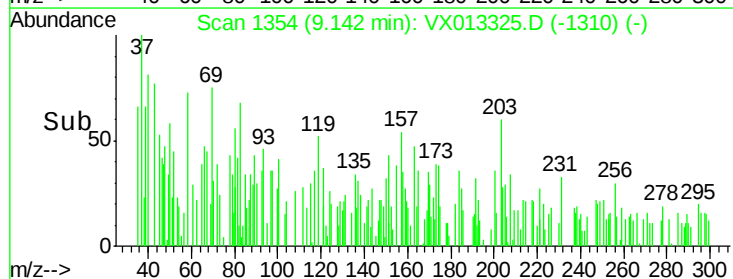
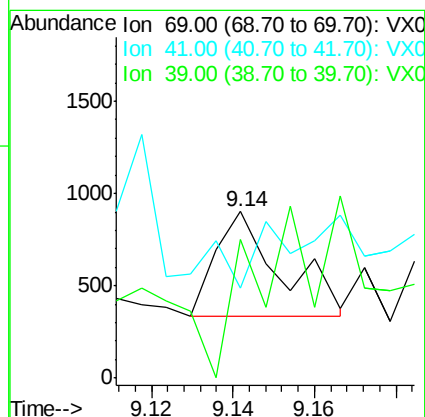
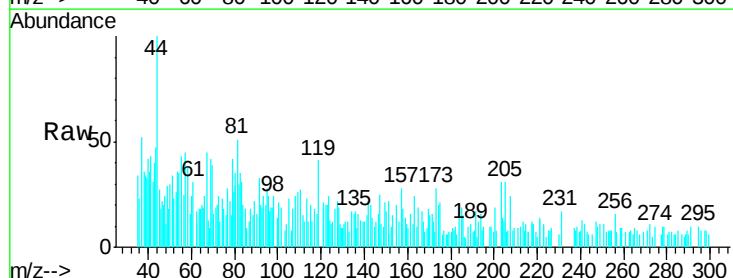
Tgt Ion: 69 Resp: 629

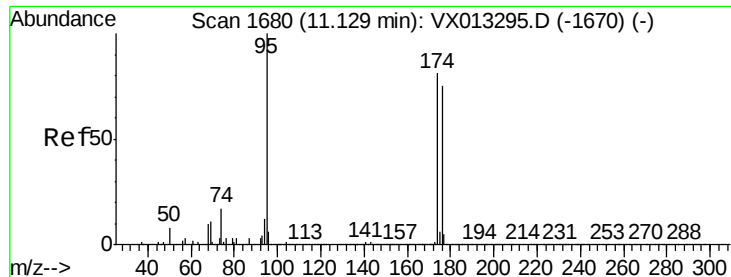
Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.2#

39 142.6 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 49.987 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

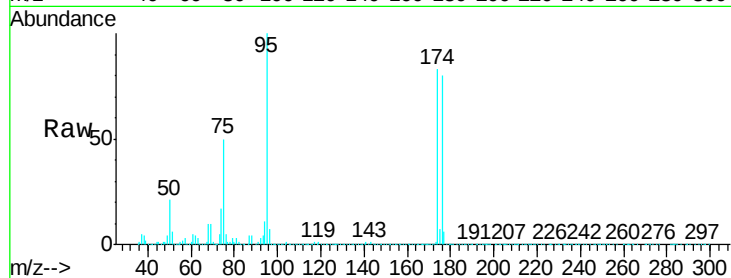
Tgt Ion: 95 Resp: 521506

Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.8

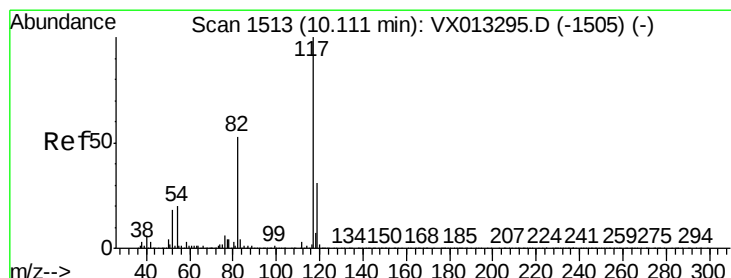
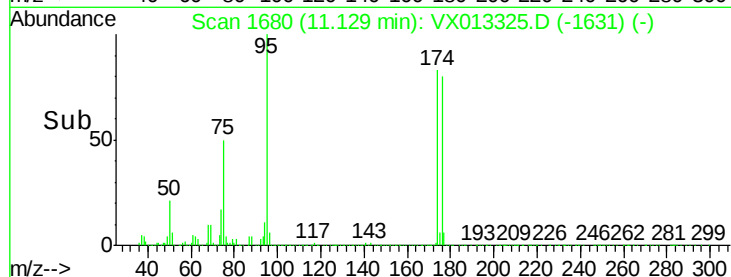
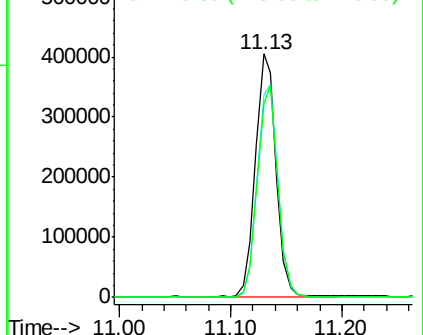
176 86.7 0.0 173.0



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: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013325.D

Acq: 04 Nov 2019 15:41

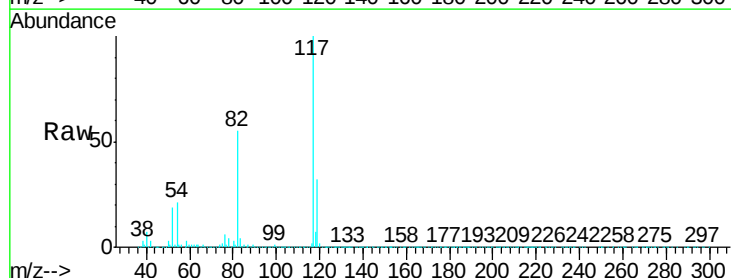
Tgt Ion: 117 Resp: 1105971

Ion Ratio Lower Upper

117 100

82 54.7 42.6 64.0

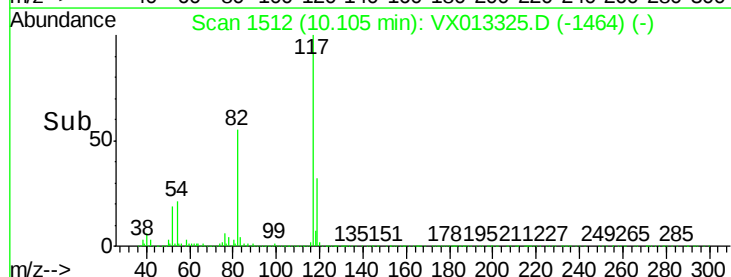
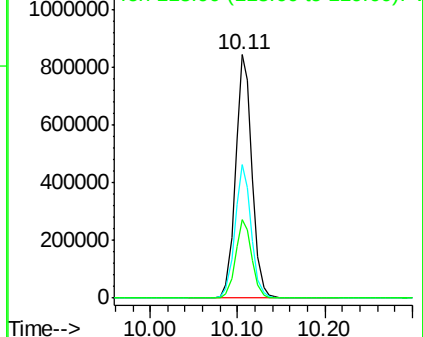
119 32.4 24.8 37.2

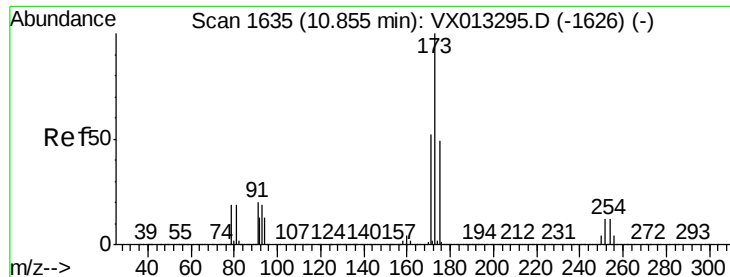


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

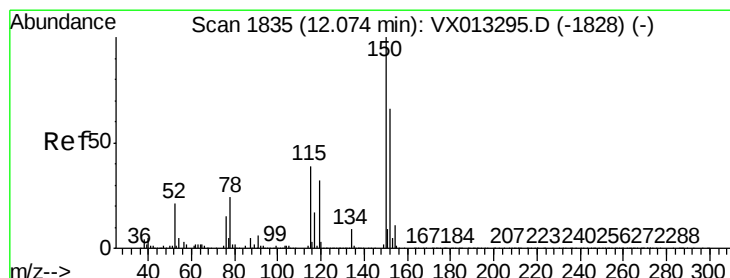
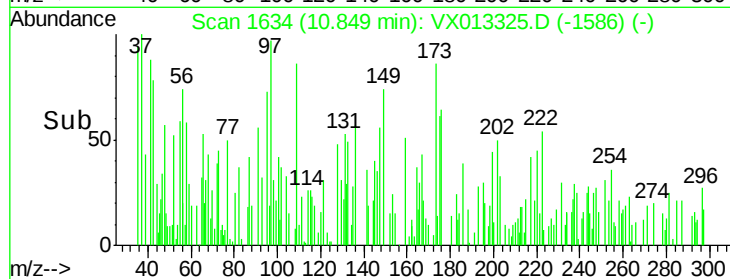
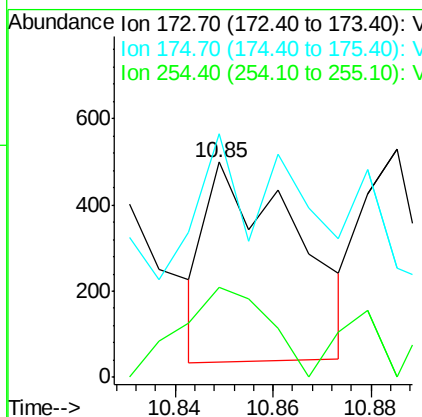
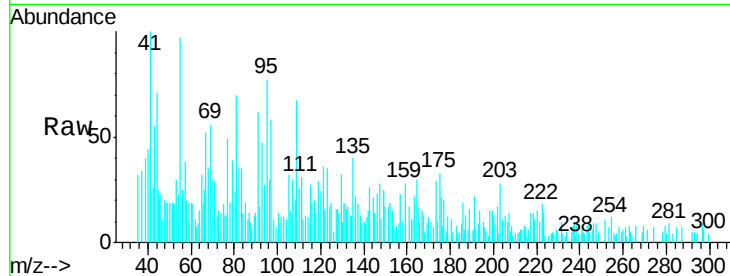




#71
Bromoform
Concen: 3.275 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

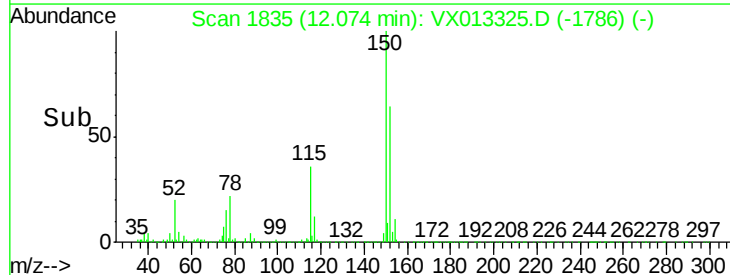
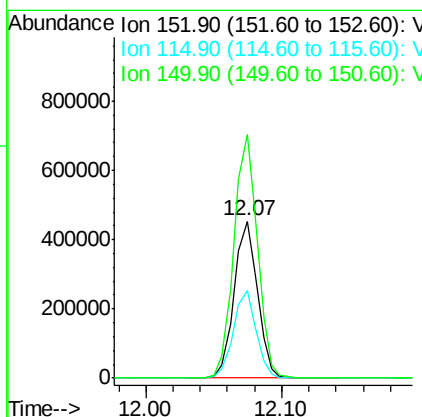
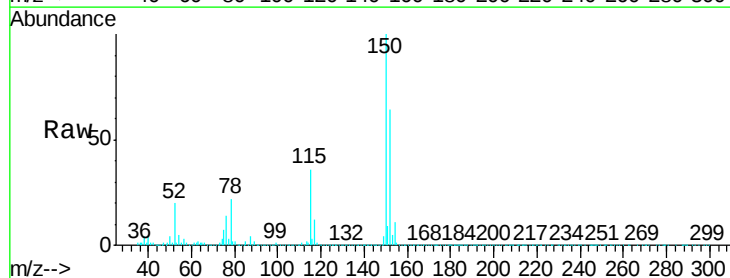
Instrument :
MSVOA_X
ClientSampled :
IBLK

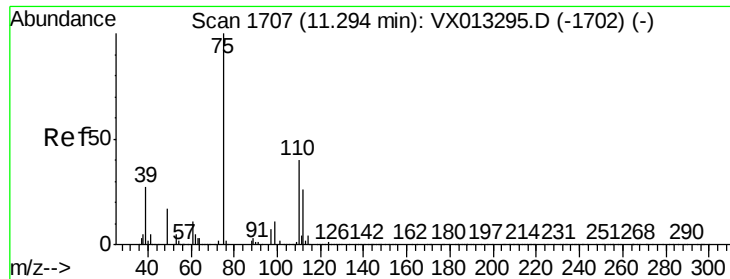
Tgt Ion:173 Resp: 589
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 44.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013325.D
Acq: 04 Nov 2019 15:41

Tgt Ion:152 Resp: 539915
Ion Ratio Lower Upper
152 100
115 54.9 39.5 118.3
150 156.8 0.0 344.4

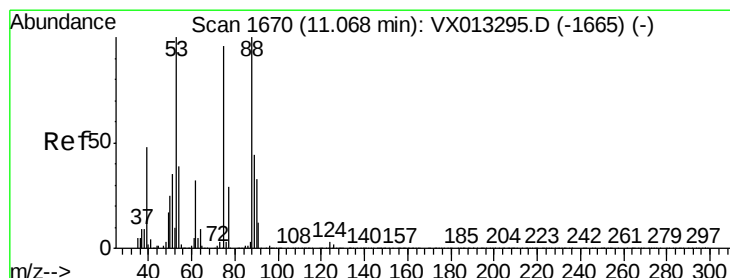
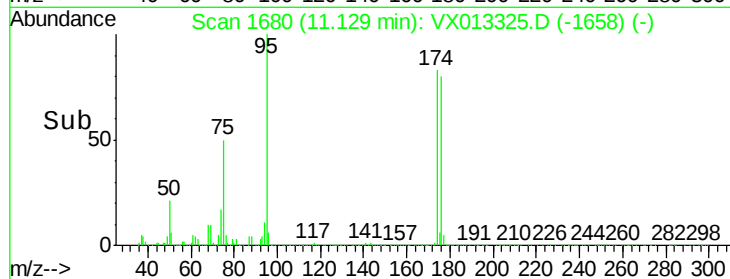
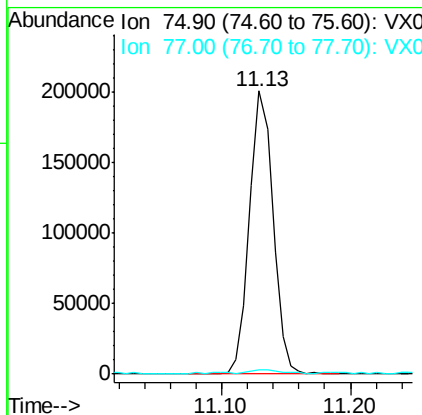
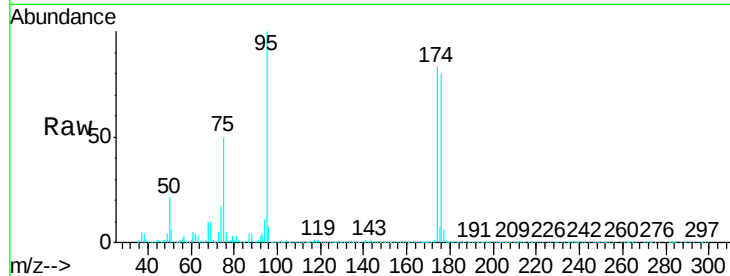




#76
 1,2,3-Trichloropropane
 Concen: 23.019 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013325.D
 Acq: 04 Nov 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 252435
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.250 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013325.D
 Acq: 04 Nov 2019 15:41

Tgt Ion: 75 Resp: 252435
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.6#
 89 0.0 36.0 54.0#

