

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007801.D
 Acq On : 01 Mar 2019 20:20
 Operator : JC/SP
 Sample : K1708-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 01 22:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	514794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234087	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	189124	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	172520	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	631314	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	227436	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

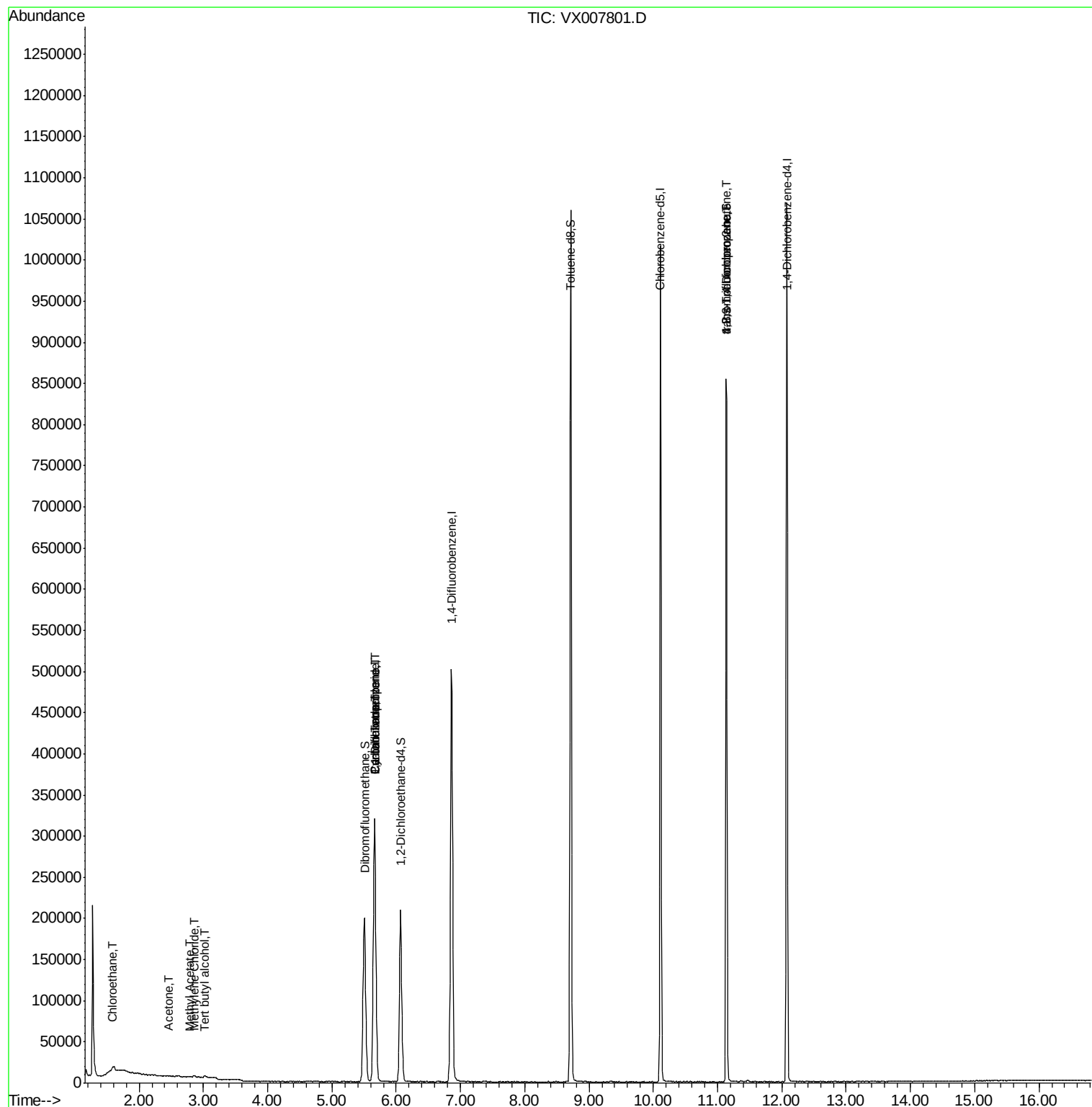
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	226	Below Cal	#	74
6) Chloroethane	1.58	64	29035	13.118	ug/l #	53
11) Tert butyl alcohol	3.02	59	1665	2.142	ug/l #	73
16) Acetone	2.45	43	1566	0.859	ug/l #	79
18) Methyl Acetate	2.78	43	1163	0.293	ug/l #	73
20) Methylene Chloride	2.85	84	893	0.265	ug/l #	81
31) Cyclohexane	5.67	56	5482	0.963	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	21303	4.603	ug/l #	47
38) Carbon Tetrachloride	5.67	117	28715	6.177	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	107396	21.524	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	107396	57.215	ug/l #	9

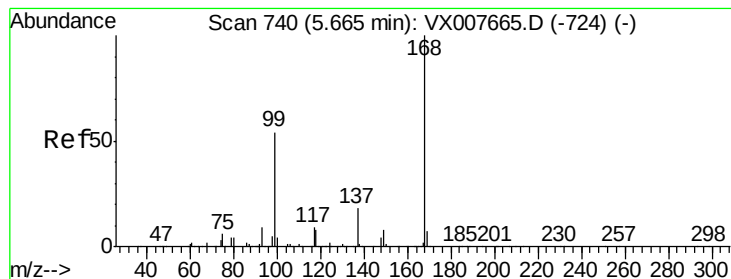
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\
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Quant Time: Mar 01 22:22:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

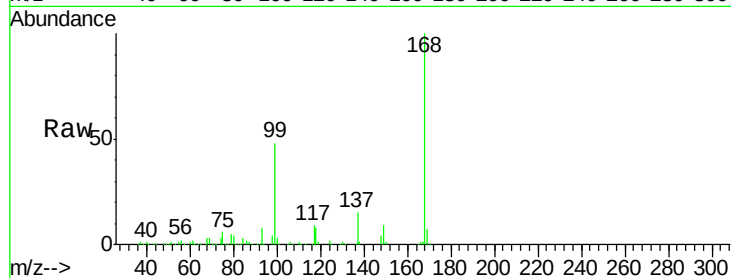
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 330779

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

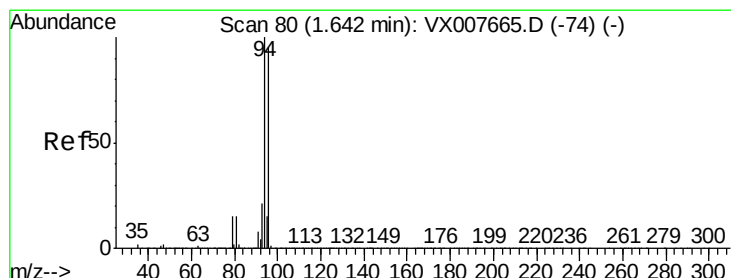
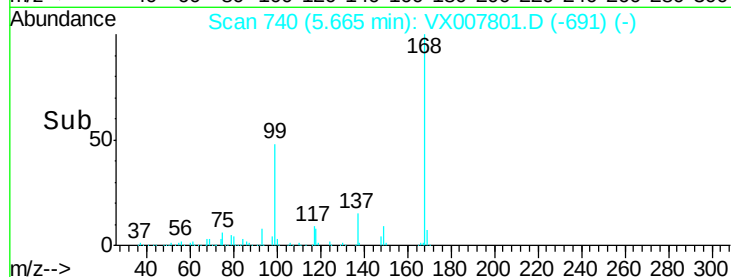
5.67

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007801.D

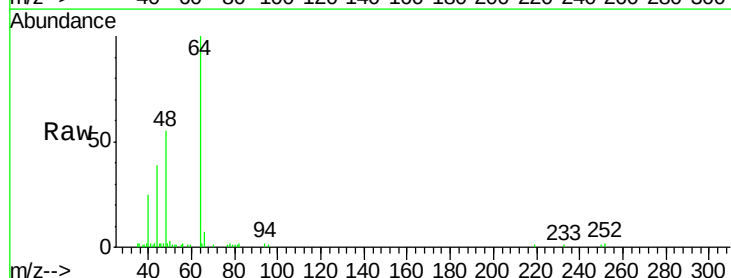
Acq: 01 Mar 2019 20:20

Tgt Ion: 94 Resp: 226

Ion Ratio Lower Upper

94 100

96 68.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

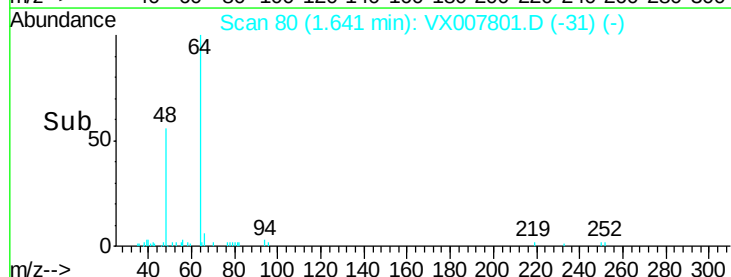
150

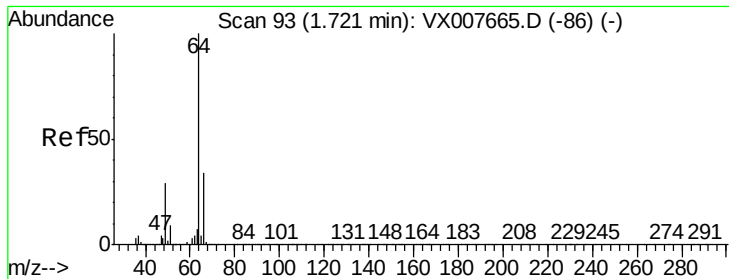
100

50

0

Time-->





#6

Chloroethane

Concen: 13.118 ug/l

RT: 1.58 min Scan# 70

Delta R.T. -0.14 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

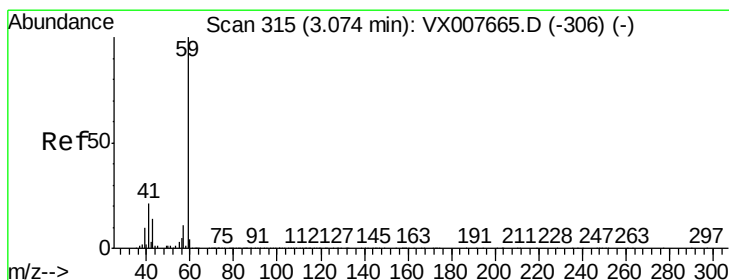
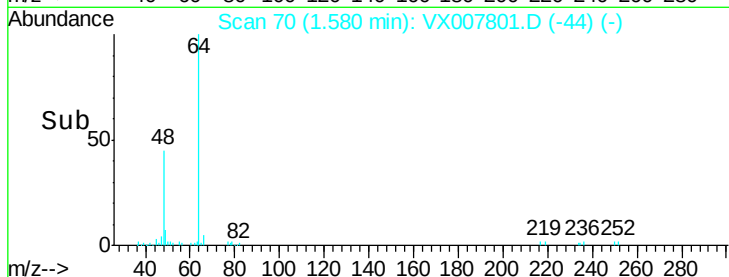
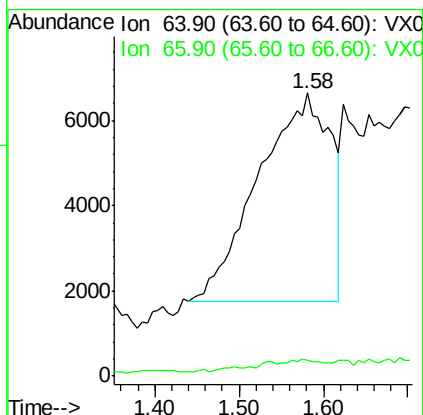
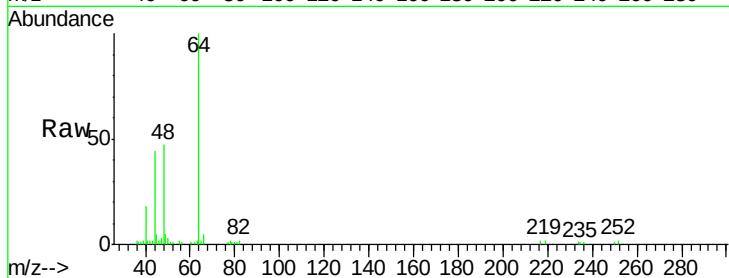
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 64 Resp: 29035

Ion Ratio Lower Upper

64 100

66 5.6 25.5 38.3#



#11

Tert butyl alcohol

Concen: 2.142 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX007801.D

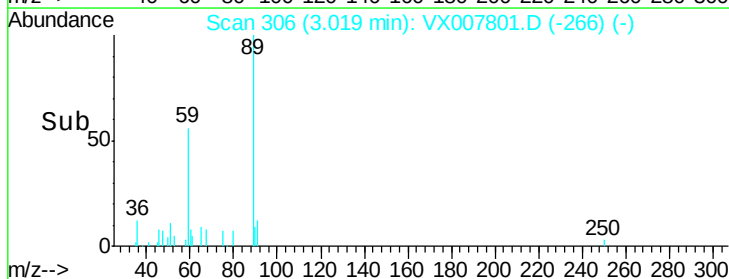
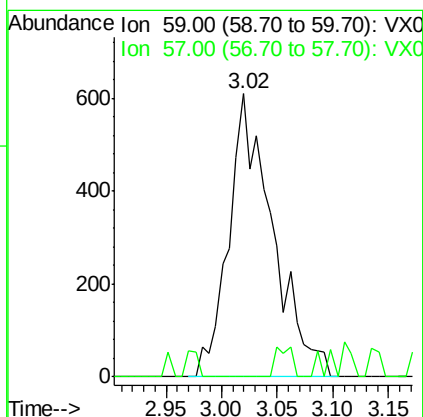
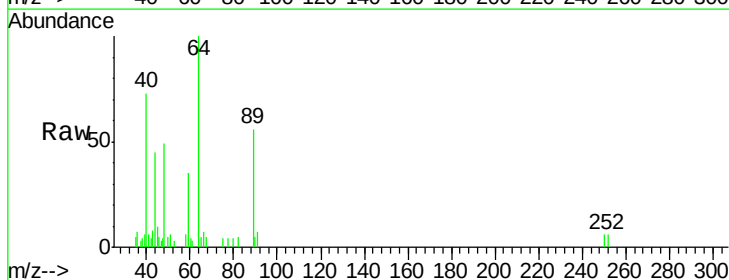
Acq: 01 Mar 2019 20:20

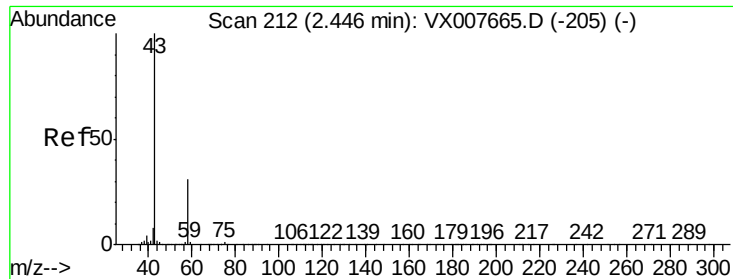
Tgt Ion: 59 Resp: 1665

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#16

Acetone

Concen: 0.859 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

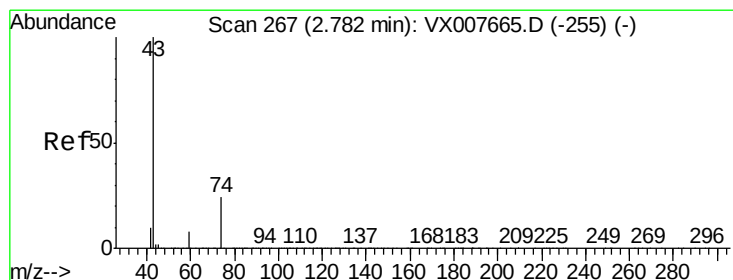
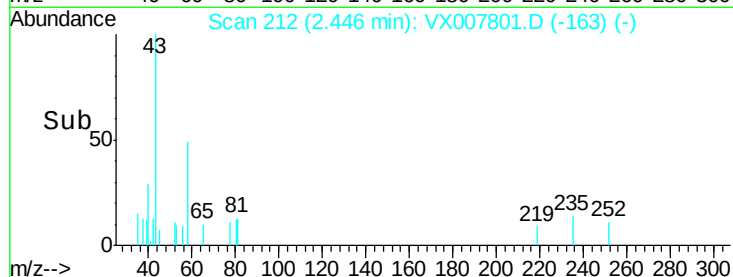
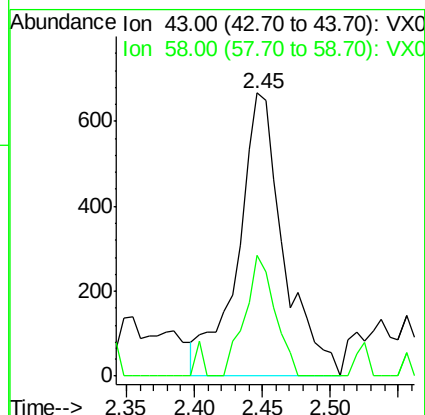
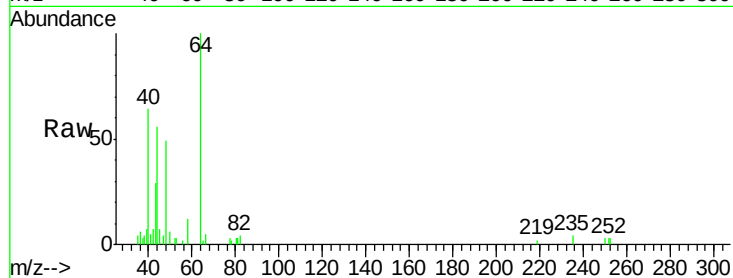
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 1566

Ion Ratio Lower Upper

43 100

58 42.6 24.9 37.3#



#18

Methyl Acetate

Concen: 0.293 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007801.D

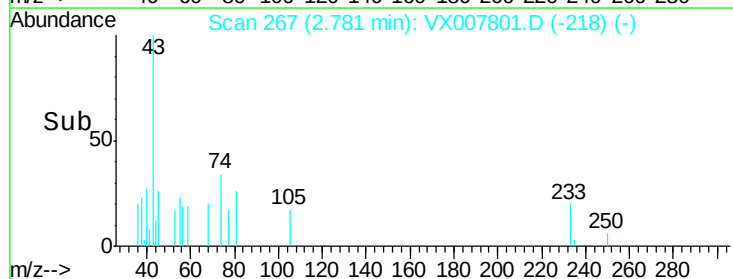
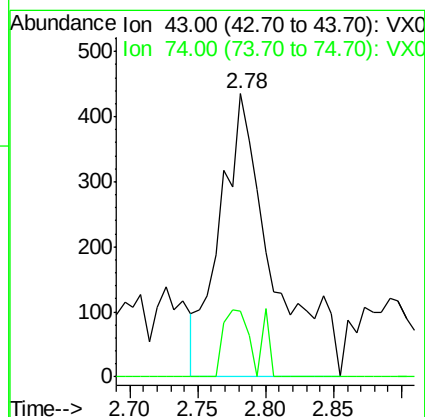
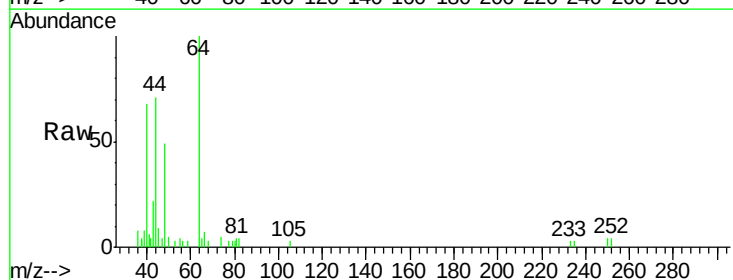
Acq: 01 Mar 2019 20:20

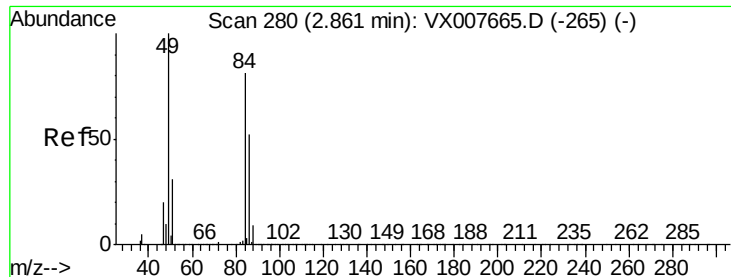
Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

74 11.1 19.4 29.2#

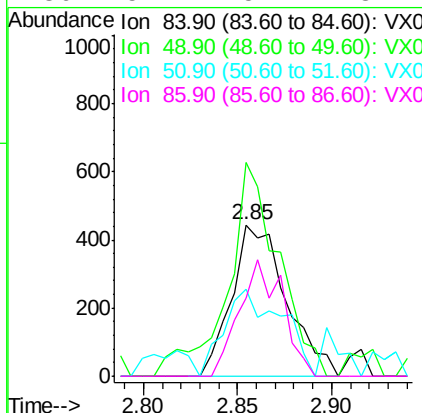
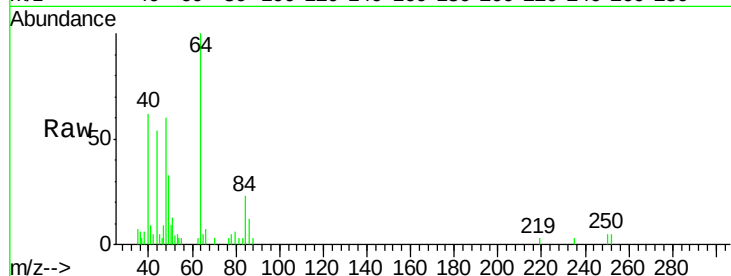


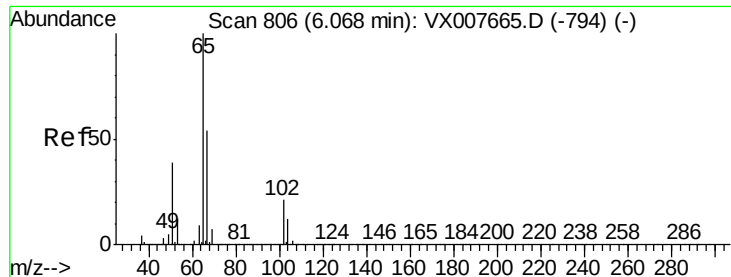


#20
Methvlene Chloride
Concen: 0.265 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007801.D
Acq: 01 Mar 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:	84	Resp:	893
Ion	Ratio	Lower	Upper
84	100		
49	141.2	94.8	142.2
51	44.4	29.8	44.8
86	51.4	54.1	81.1#





#33

1,2-Dichloroethane-d4

Concen: 46.158 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

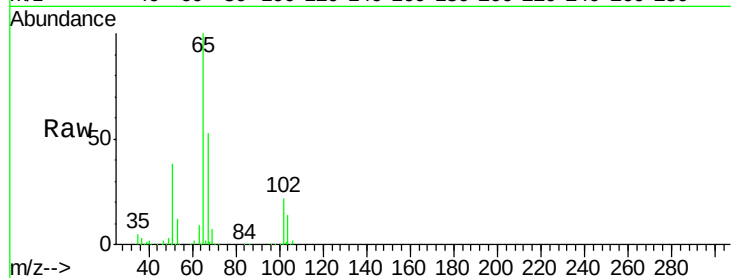
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 65 Resp: 189124

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

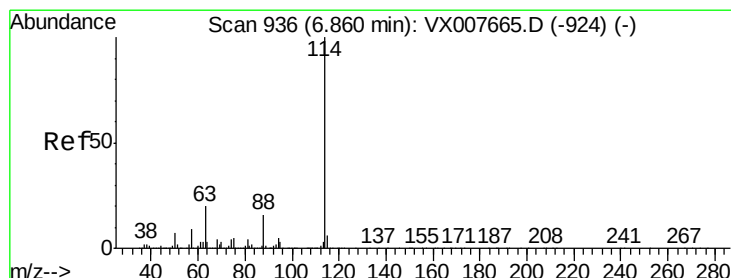
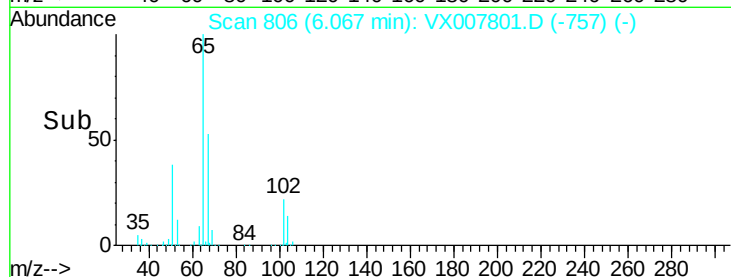
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

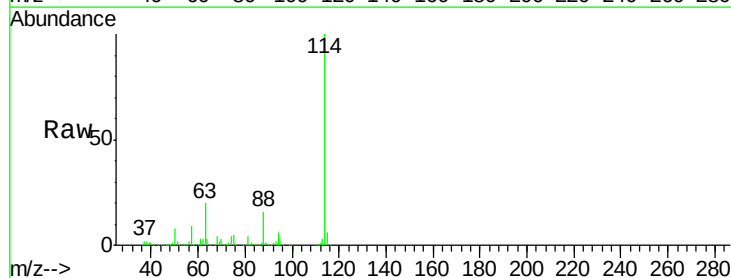
Tgt Ion: 114 Resp: 514794

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

88 15.6 0.0 29.6



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

6.86

300000

250000

200000

150000

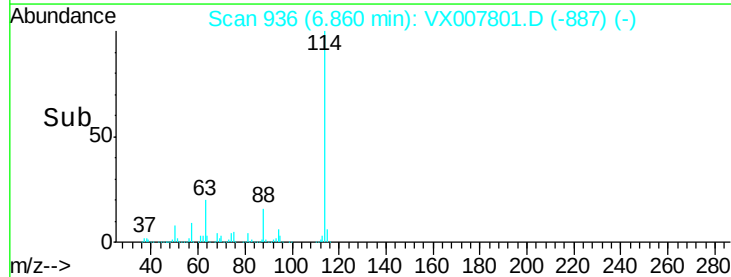
100000

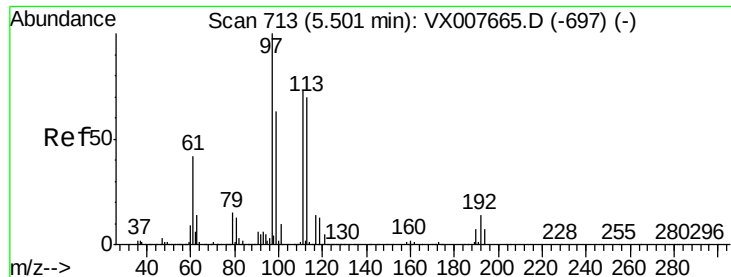
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.133 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

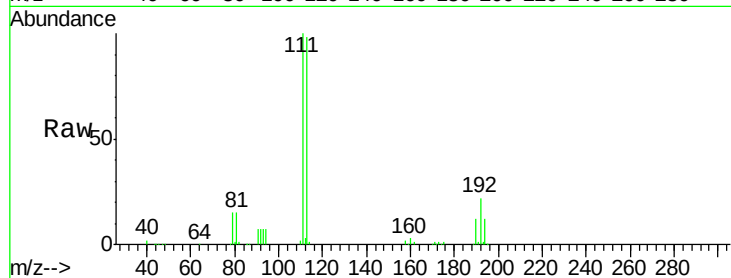
Tot Ion:113 Resp: 172520

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

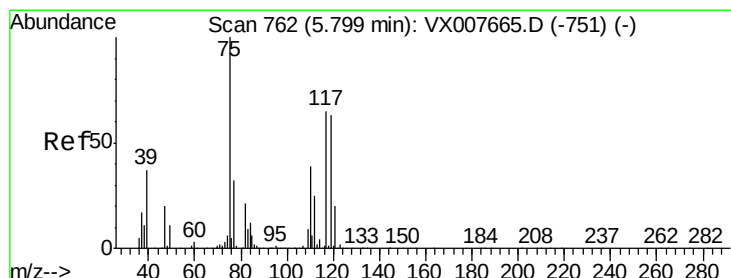
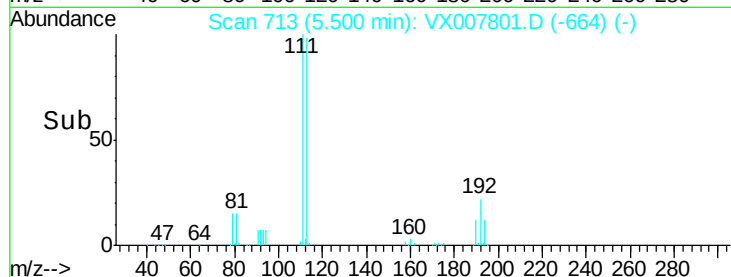
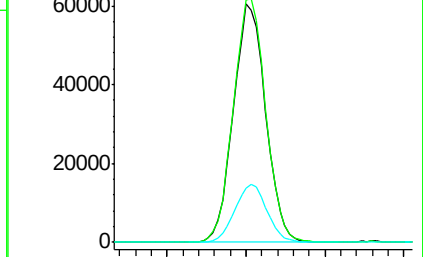
192 24.2 18.5 27.7



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: 4.603 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

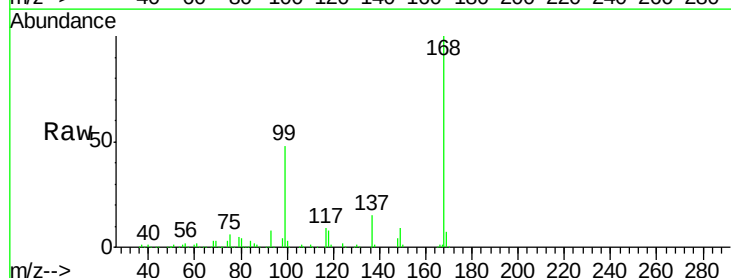
Tgt Ion: 75 Resp: 21303

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

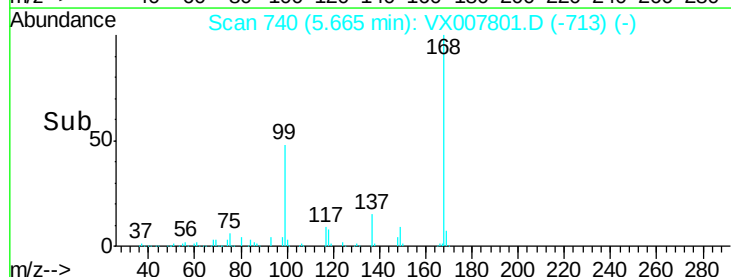
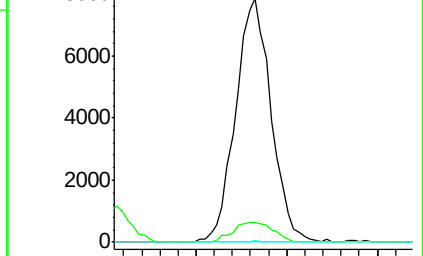
77 0.1 24.7 37.1#

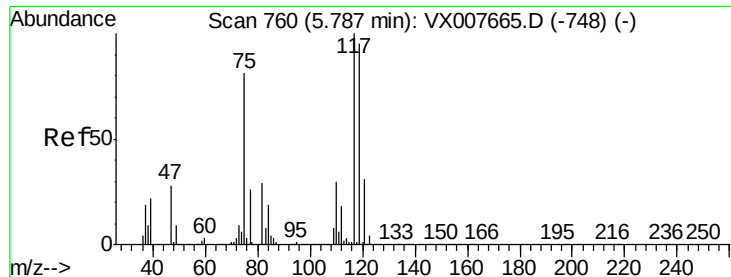


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

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ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

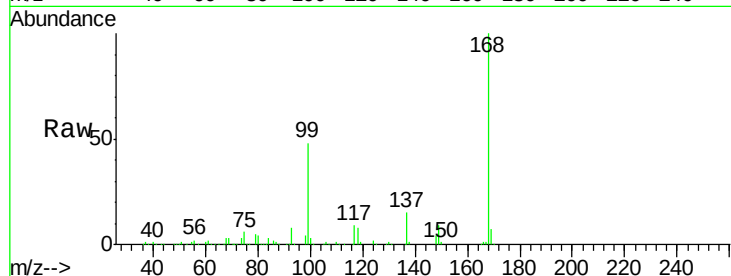
Tot Ion:117 Resp: 28715

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

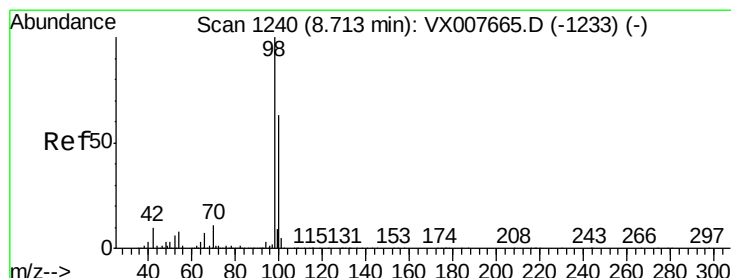
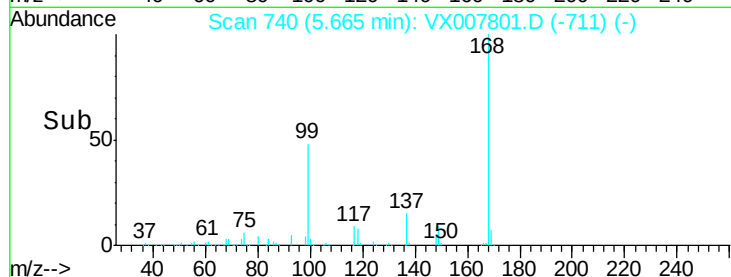
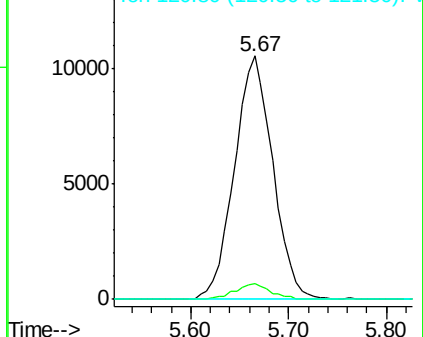
121 0.0 25.0 37.4#



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



#50

Toluene-d8

Concen: 47.920 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007801.D

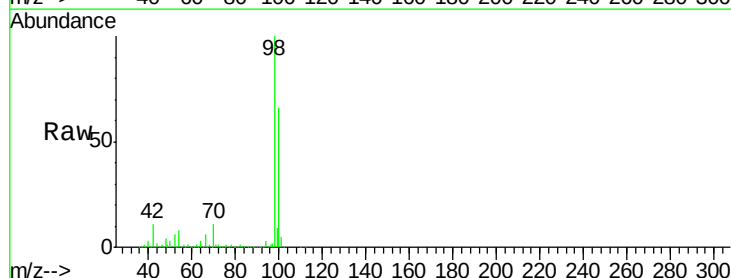
Acq: 01 Mar 2019 20:20

Tgt Ion: 98 Resp: 631314

Ion Ratio Lower Upper

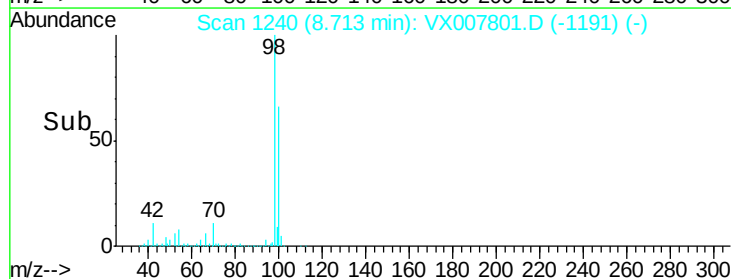
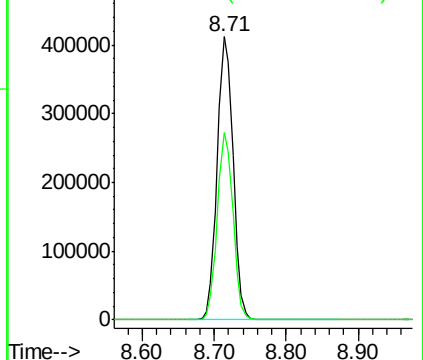
98 100

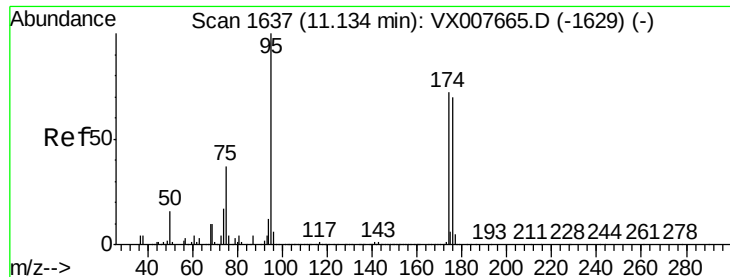
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.035 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

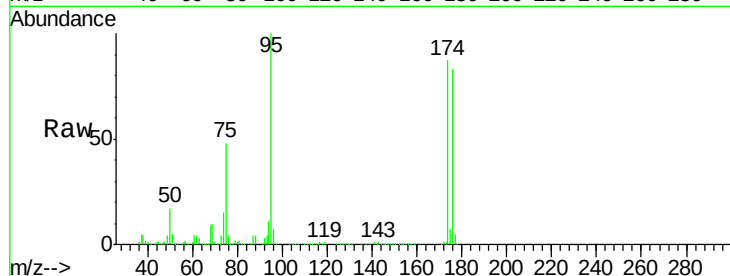
Tot Ion: 95 Resp: 227436

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

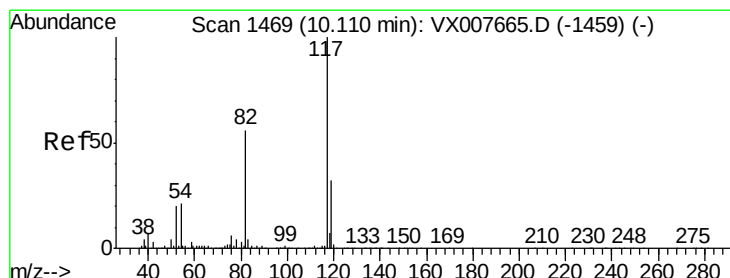
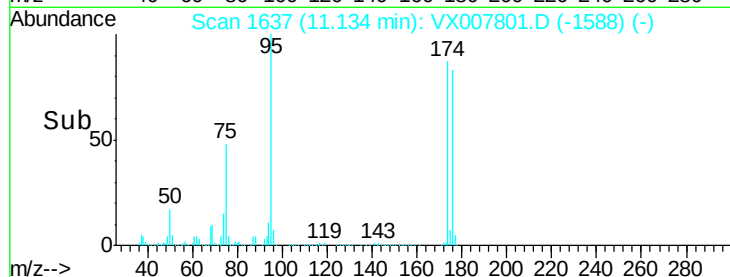
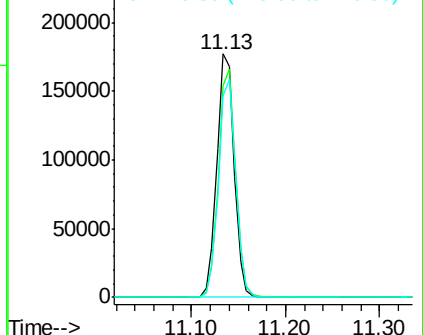
176 89.0 0.0 186.2



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: VX007801.D

Acq: 01 Mar 2019 20:20

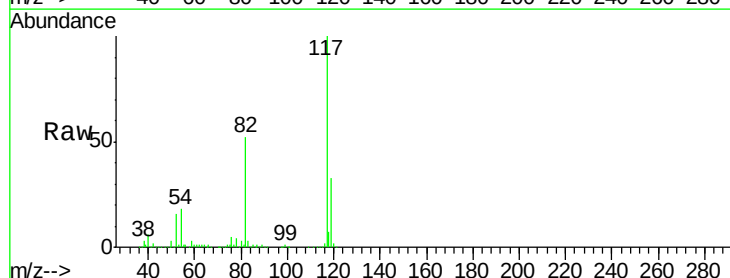
Tgt Ion: 117 Resp: 487426

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

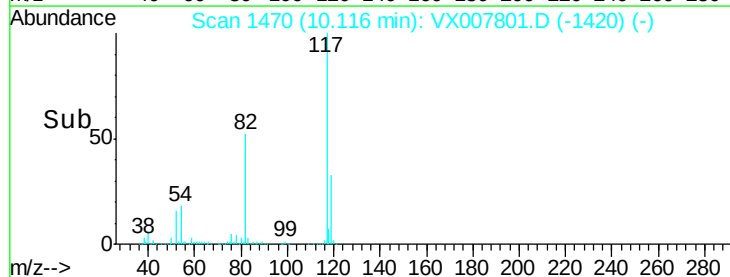
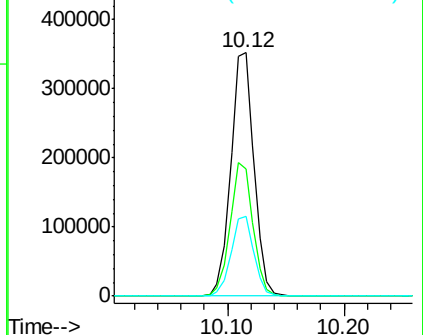
119 32.5 26.5 39.7

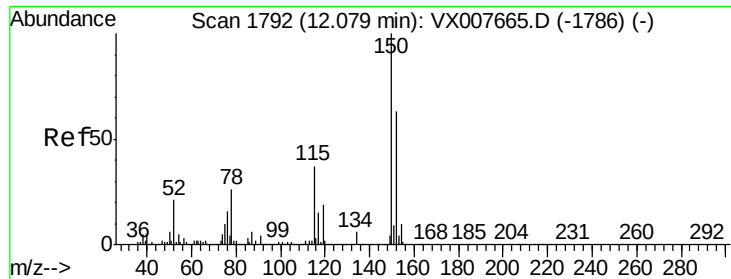


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

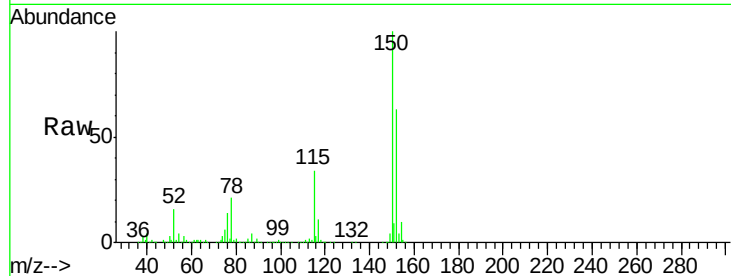




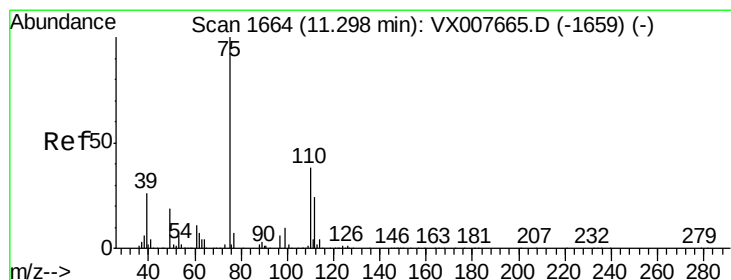
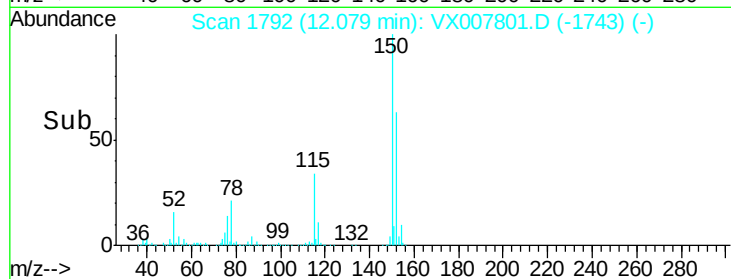
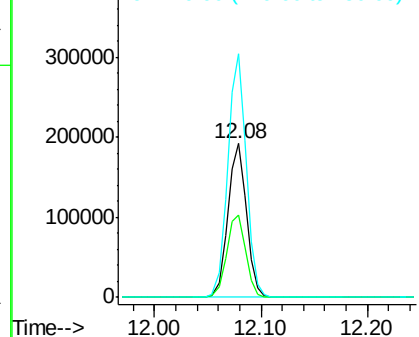
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007801.D
 Acq: 01 Mar 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.0	114.0
150	157.2	0.0	346.4

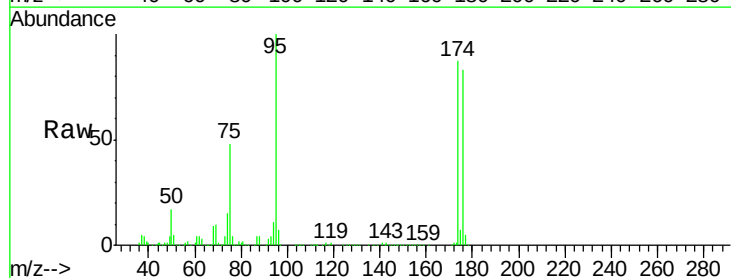


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

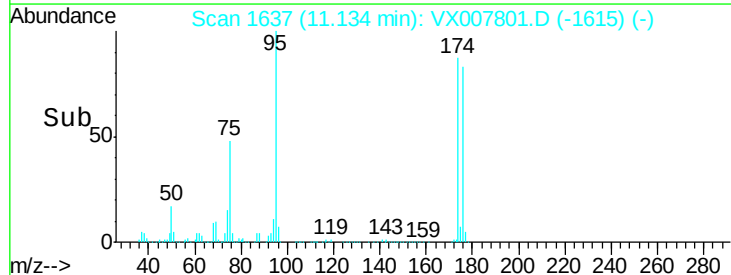
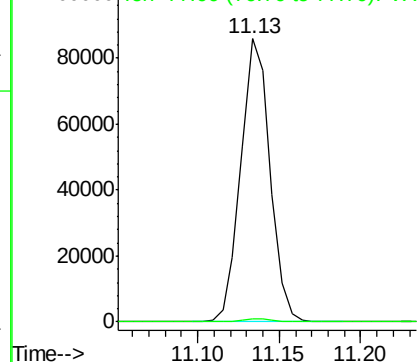


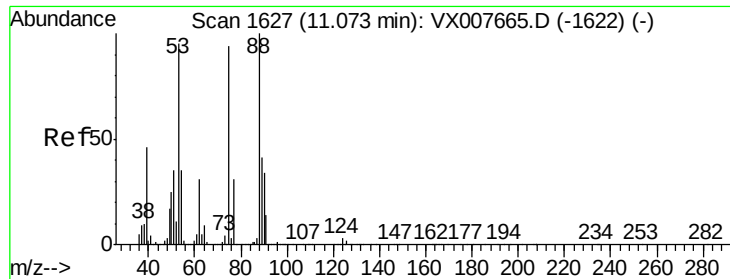
#76
 1,2,3-Trichloropropane
 Concen: 21.524 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007801.D
 Acq: 01 Mar 2019 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	23.0	69.0#



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: 57.215 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

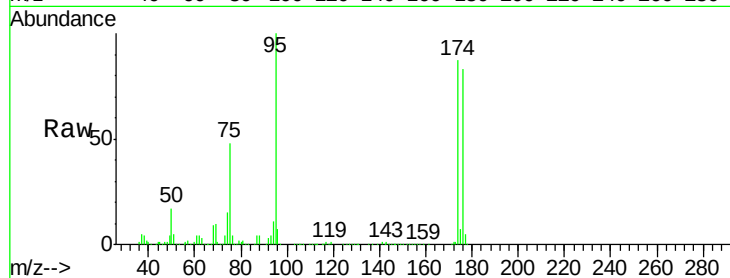
Tot Ion: 75 Resp: 107396

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



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

