

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010600.D
 Acq On : 01 Jul 2019 18:51
 Operator : JC/SP
 Sample : K3604-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VO-BLANK

Quant Time: Jul 02 04:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

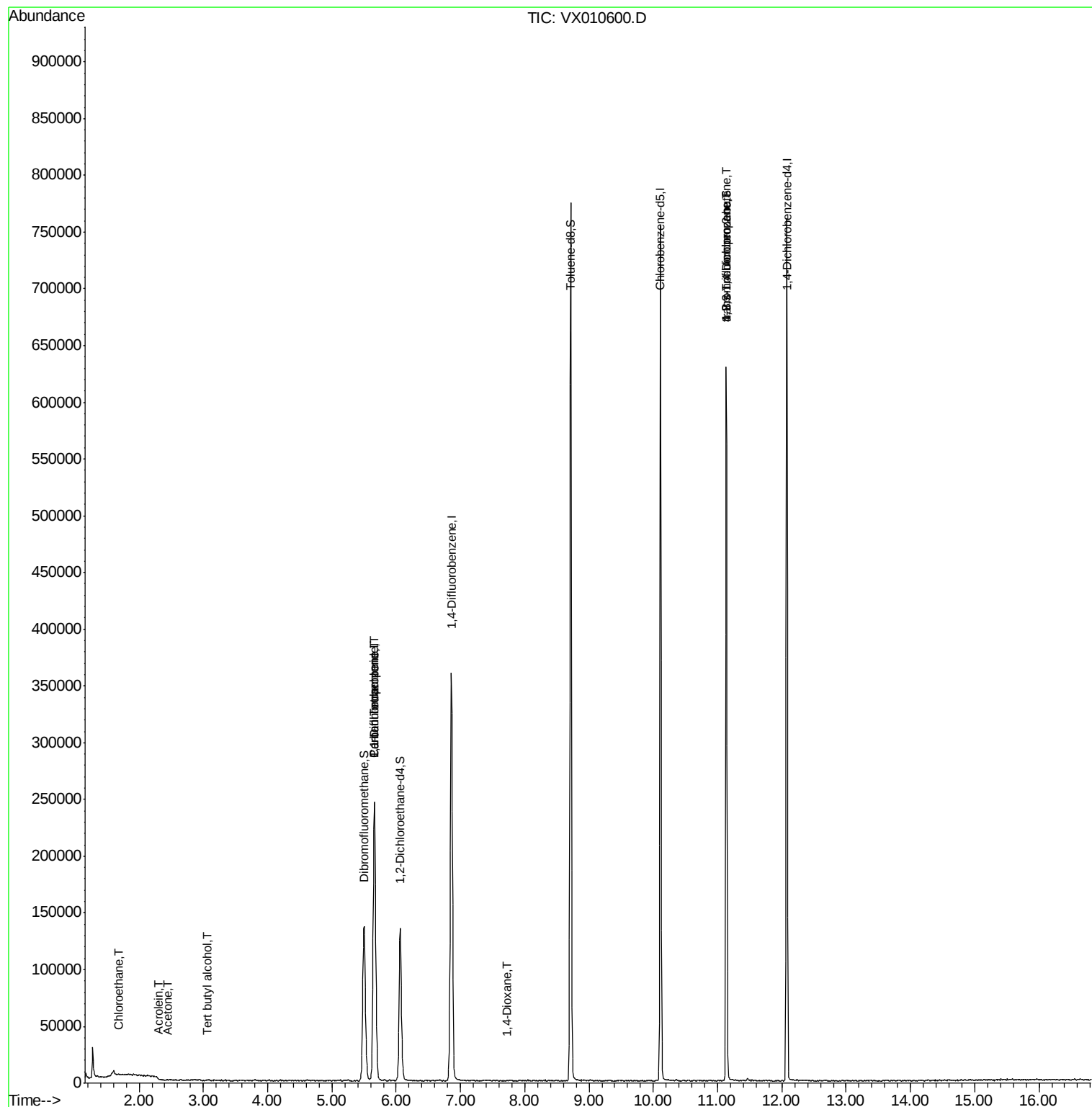
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121697	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	5.50	113	117356	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	465051	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	154952	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.70	64	573	0.432	ug/l #	41
11) Tert butyl alcohol	3.06	59	287	0.461	ug/l #	67
13) Acrolein	2.30	56	175	0.424	ug/l #	14
16) Acetone	2.44	43	394	0.330	ug/l	91
36) 1,1-Dichloropropene	5.66	75	16512	5.288	ug/l #	47
38) Carbon Tetrachloride	5.66	117	23016	6.807	ug/l #	14
49) 1,4-Dioxane	7.73	88	21	0.295	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74519	24.754	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	74519	57.748	ug/l #	16

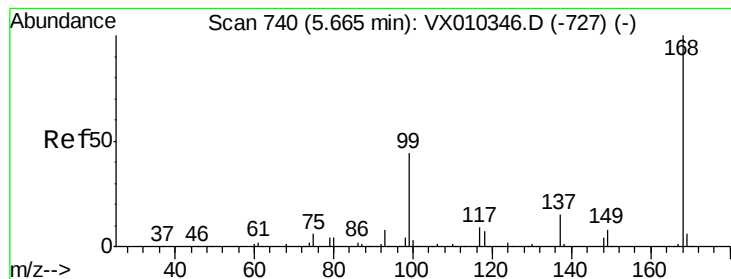
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070119\
Data File : VX010600.D
Acq On : 01 Jul 2019 18:51
Operator : JC/SP
Sample : K3604-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VO-BLANK

Quant Time: Jul 02 04:54:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010600.D

Acq: 01 Jul 2019 18:51

Instrument :

MSVOA_X

ClientSampled :

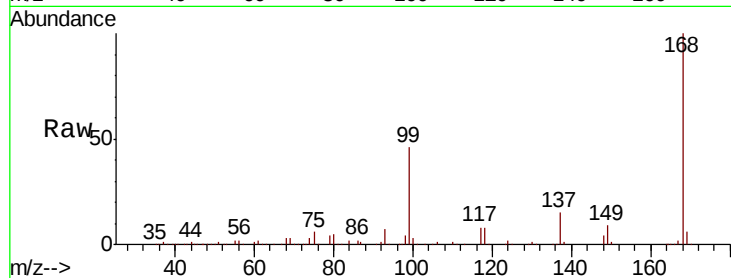
VO-BLANK

Tot Ion:168 Resp: 253735

Ion Ratio Lower Upper

168 100

99 46.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

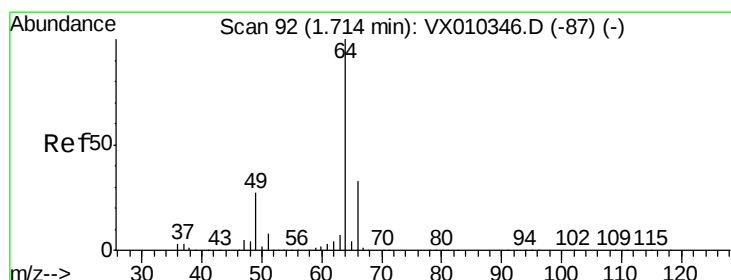
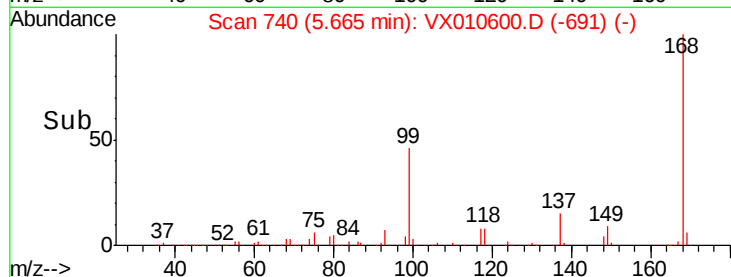
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.432 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010600.D

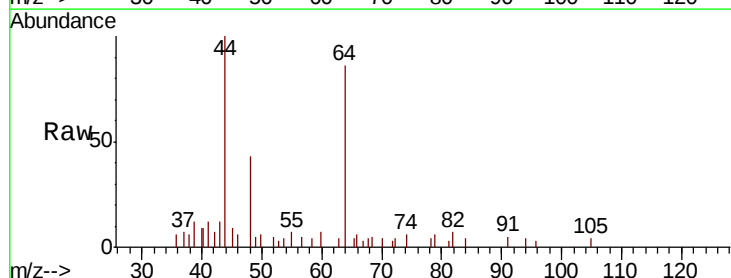
Acq: 01 Jul 2019 18:51

Tgt Ion: 64 Resp: 573

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

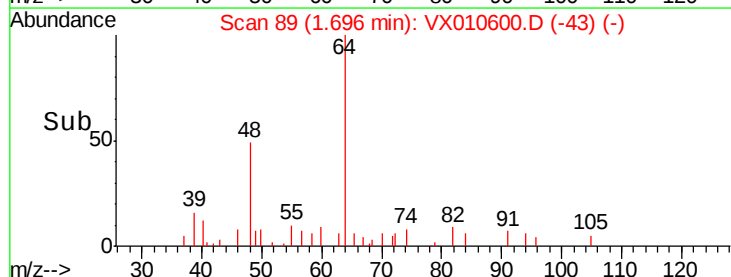
1500

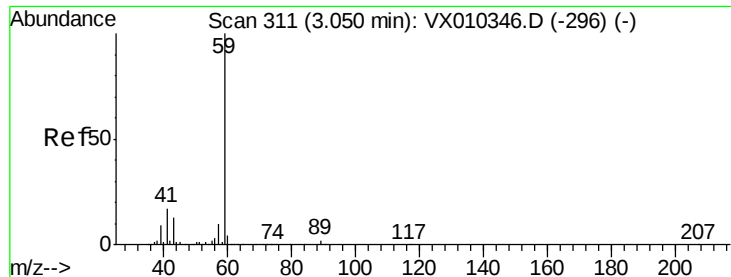
1000

500

0

Time--> 1.68 1.70 1.72



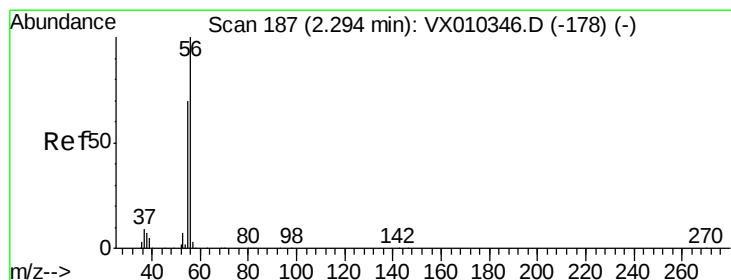
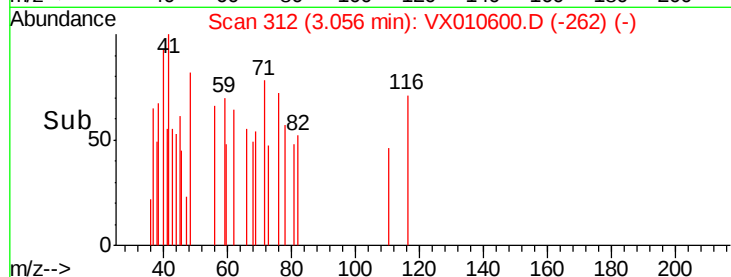
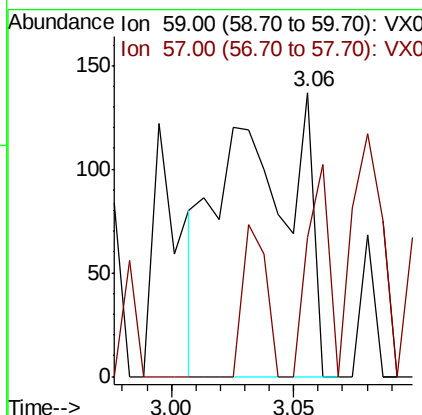
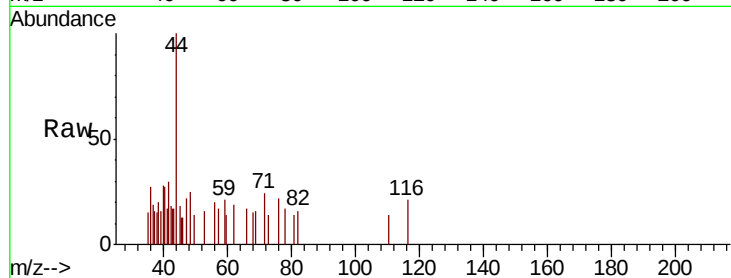


#11

Tert butyl alcohol
 Concen: 0.461 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX010600.D
 Acq: 01 Jul 2019 18:51

Instrument :
 MSVOA_X
 ClientSampled :
 VO-BLANK

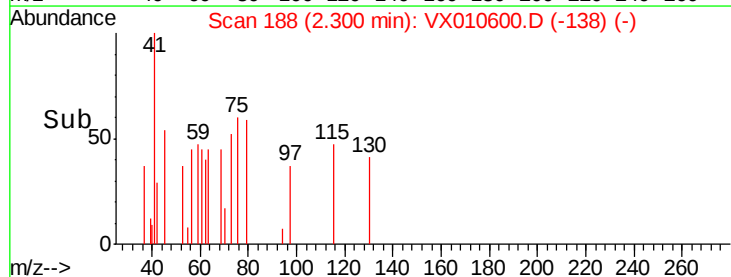
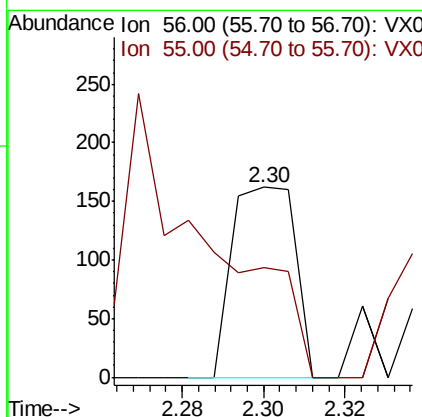
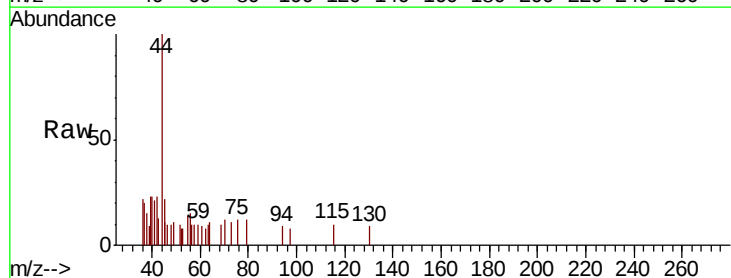
Tot Ion: 59 Resp: 287
 Ion Ratio Lower Upper
 59 100
 57 21.6 7.7 11.5#

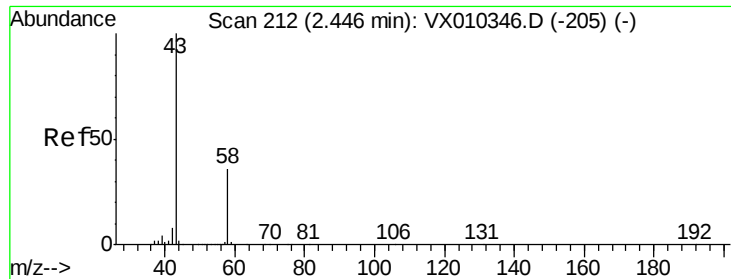


#13

Acrolein
 Concen: 0.424 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010600.D
 Acq: 01 Jul 2019 18:51

Tgt Ion: 56 Resp: 175
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#16

Acetone

Concen: 0.330 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010600.D

Acq: 01 Jul 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

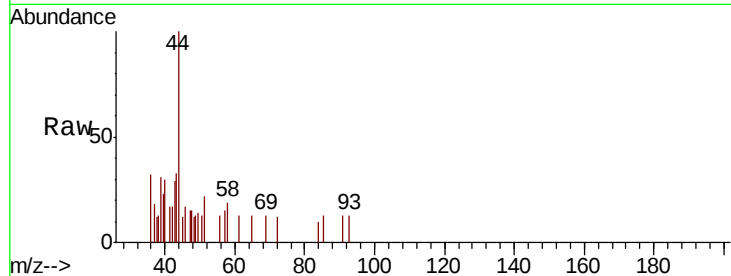
VO-BLANK

Tot Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

58 31.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

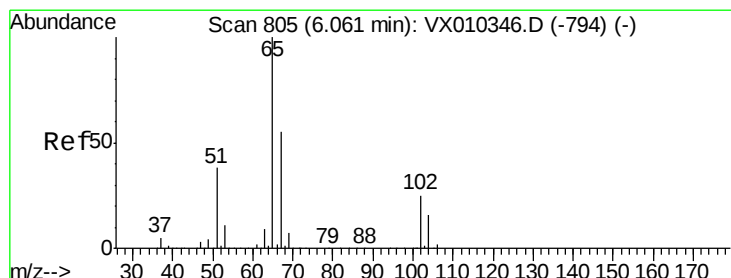
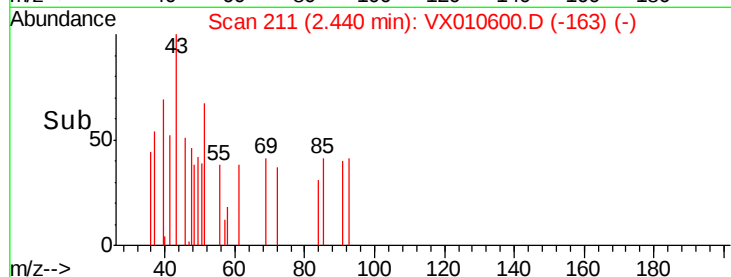
300

200

100

0

Time--> 2.38 2.40 2.42 2.44 2.46



#33

1,2-Dichloroethane-d4

Concen: 51.154 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010600.D

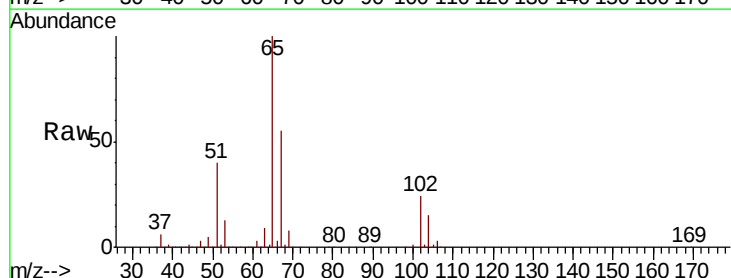
Acq: 01 Jul 2019 18:51

Tgt Ion: 65 Resp: 121697

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

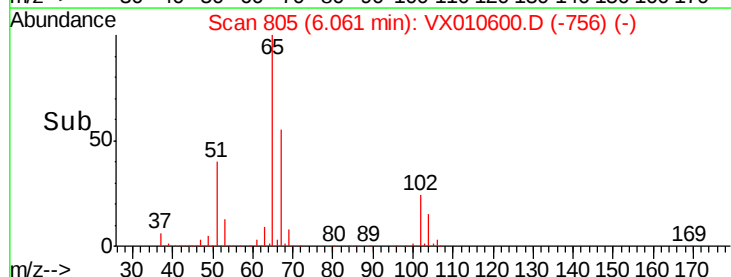
30000

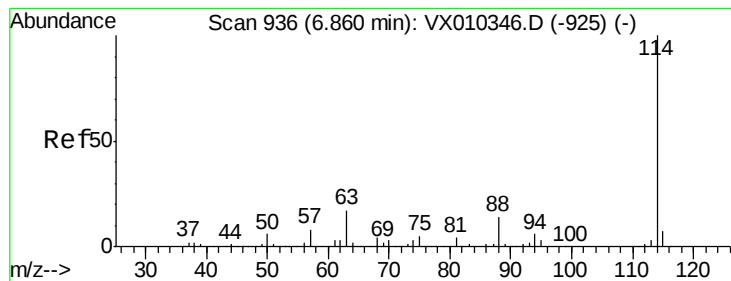
20000

10000

0

Time--> 5.90 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: VX010600.D

Acq: 01 Jul 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

VO-BLANK

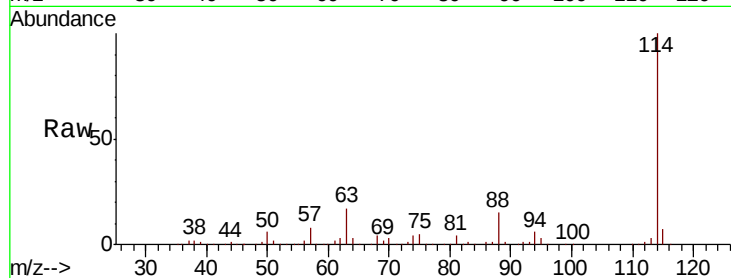
Tot Ion:114 Resp: 392915

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

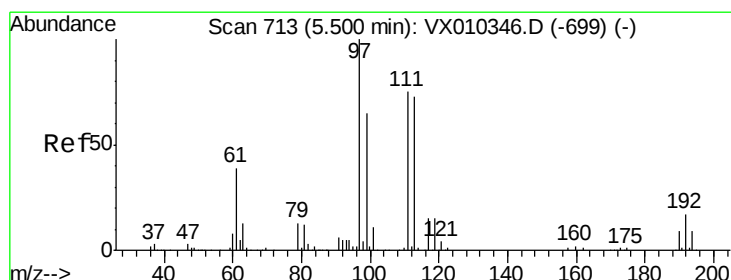
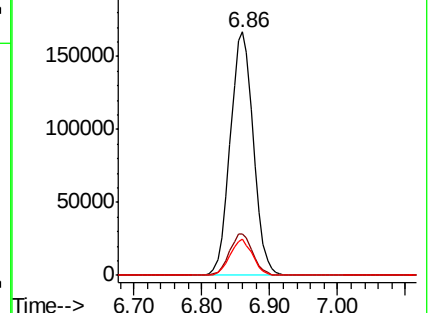
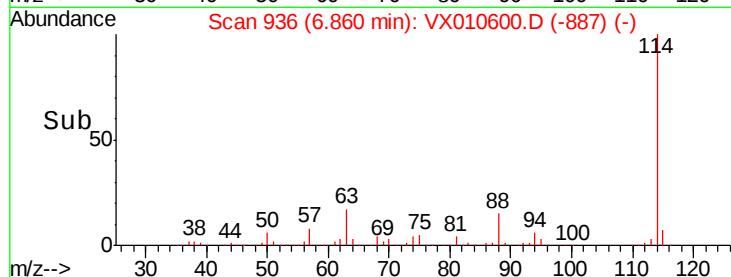
88 14.7 0.0 27.6



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: 48.817 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010600.D

Acq: 01 Jul 2019 18:51

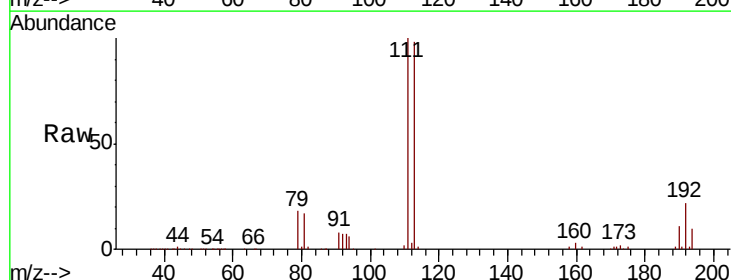
Tgt Ion:113 Resp: 117356

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

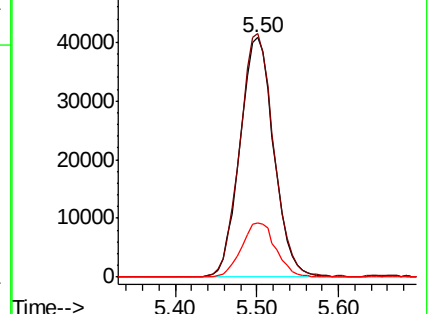
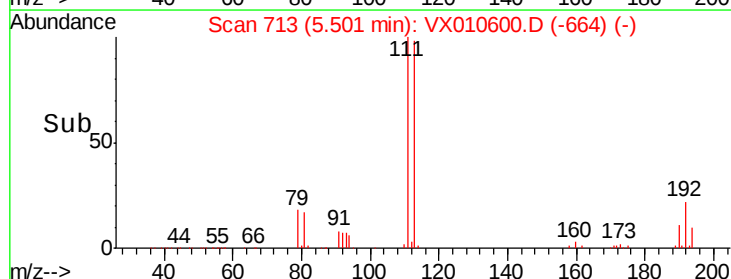
192 22.9 18.6 27.8

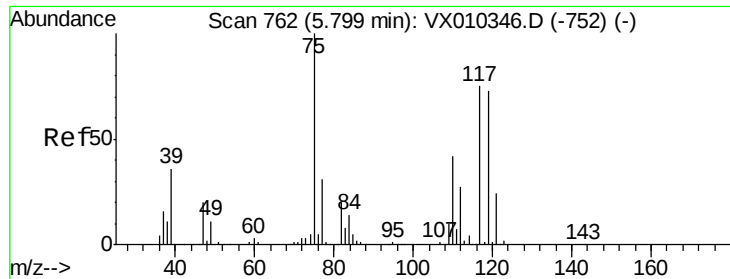


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

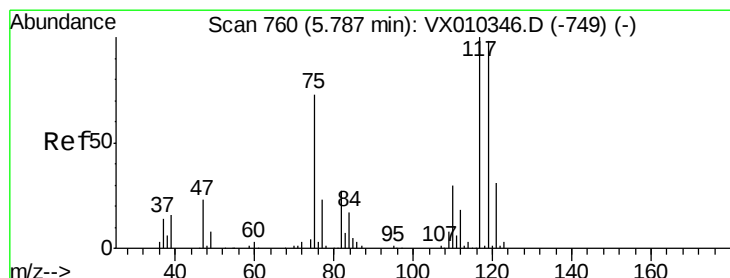
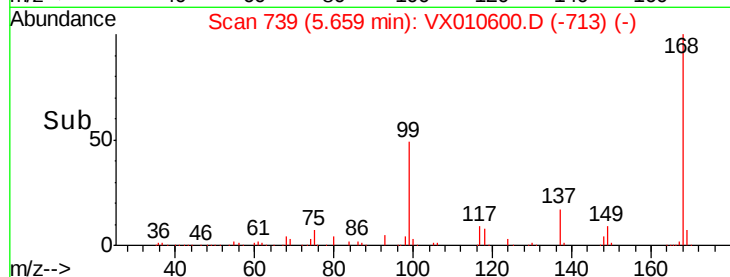
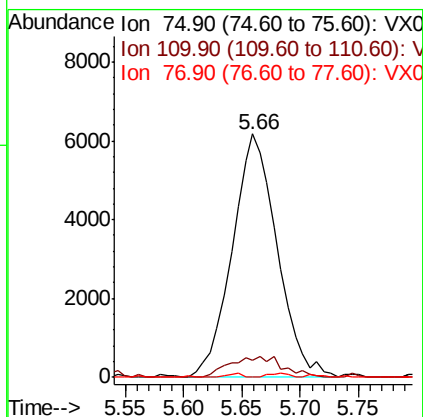
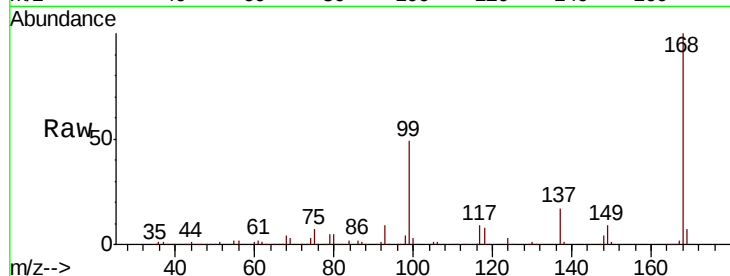




#36
 1,1-Dichloropropene
 Concen: 5.288 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010600.D
 Acq: 01 Jul 2019 18:51

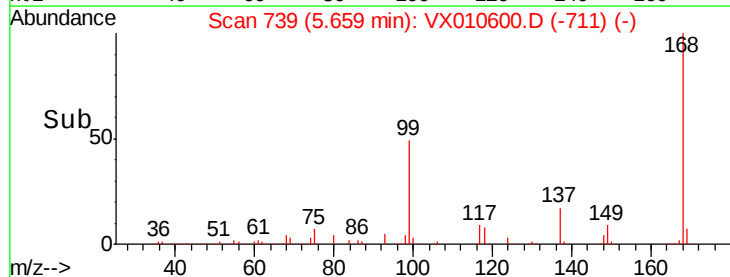
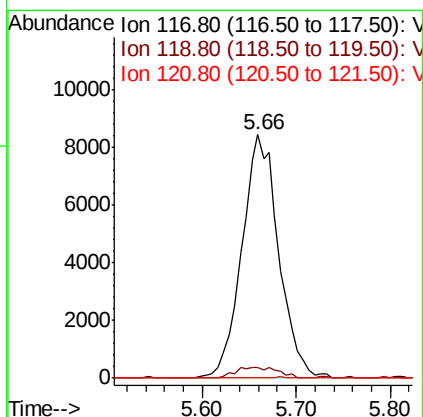
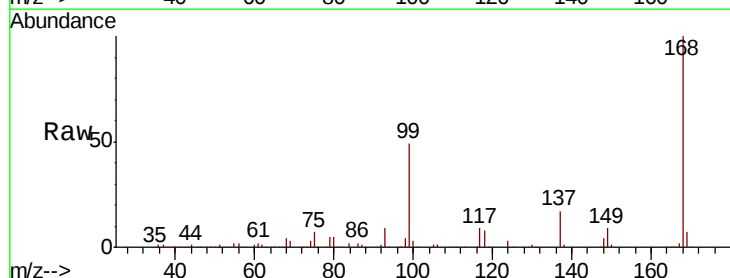
Instrument :
 MSVOA_X
 ClientSampleId :
 VO-BLANK

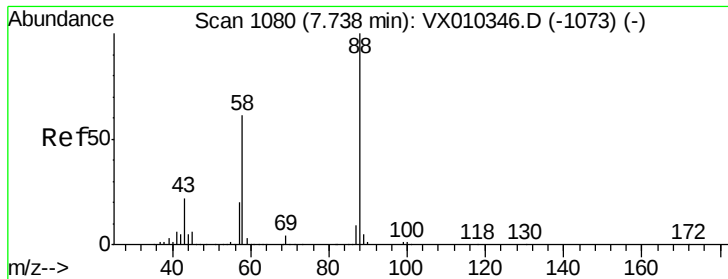
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	20.8	62.2#
77	0.5	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.807 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010600.D
 Acq: 01 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.2	117.4#
121	0.0	24.7	37.1#

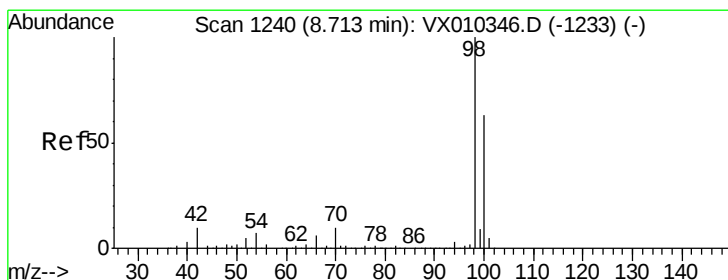
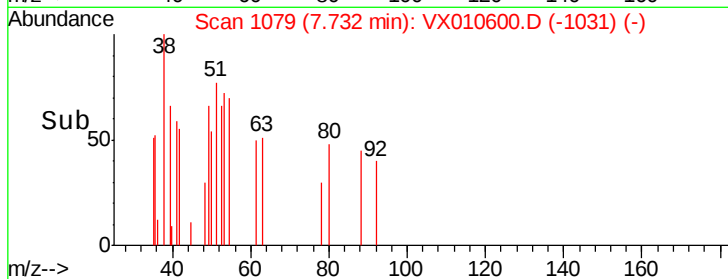
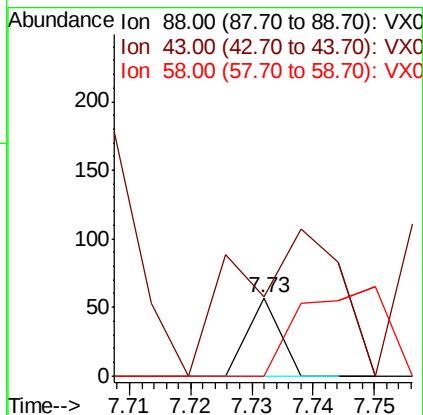
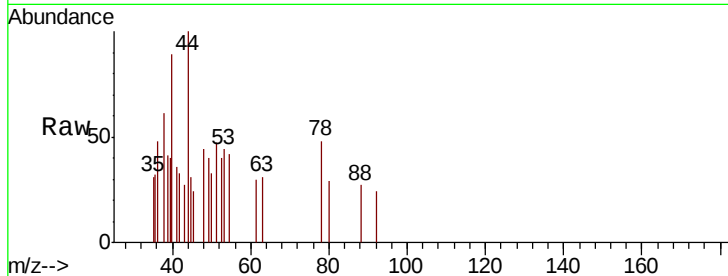




#49
1,4-Dioxane
Concen: 0.295 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010600.D
Acq: 01 Jul 2019 18:51

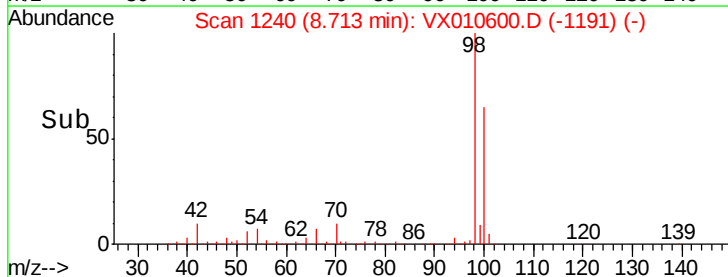
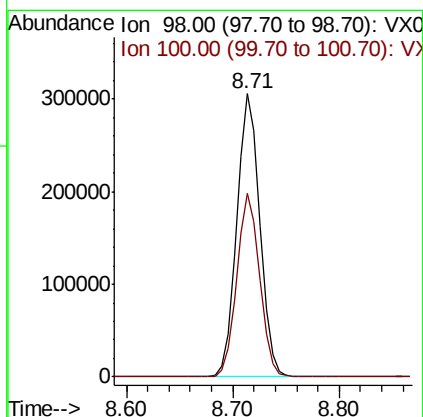
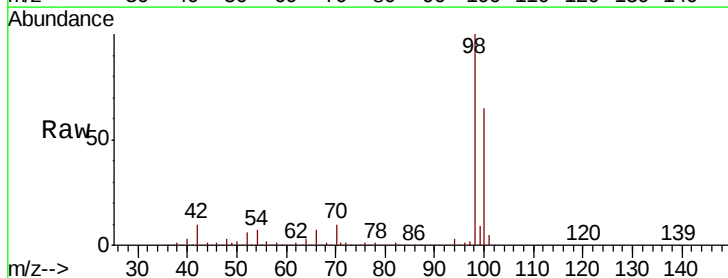
Instrument :
MSVOA_X
ClientSampleId :
VO-BLANK

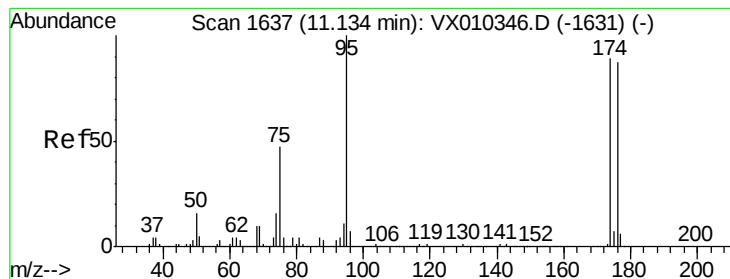
Tot Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 585.7 20.2 30.2#
58 300.0 49.5 74.3#



#50
Toluene-d8
Concen: 50.564 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010600.D
Acq: 01 Jul 2019 18:51

Tgt Ion: 98 Resp: 465051
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 46.666 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010600.D

Acq: 01 Jul 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

VO-BLANK

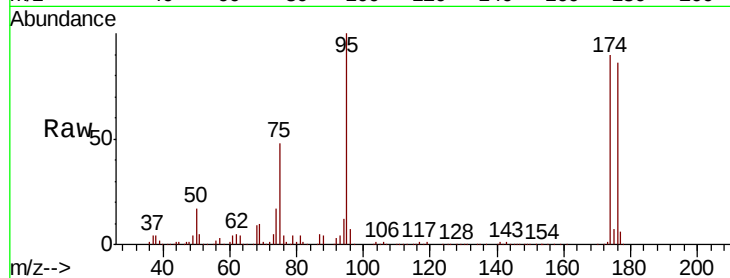
Tot Ion: 95 Resp: 154952

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.6

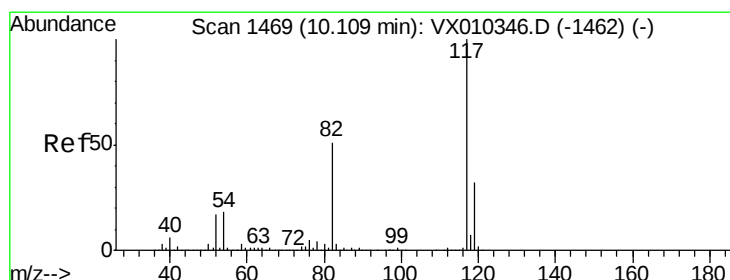
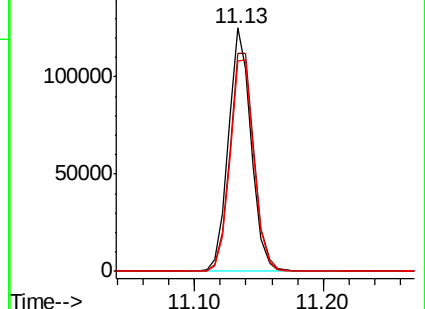
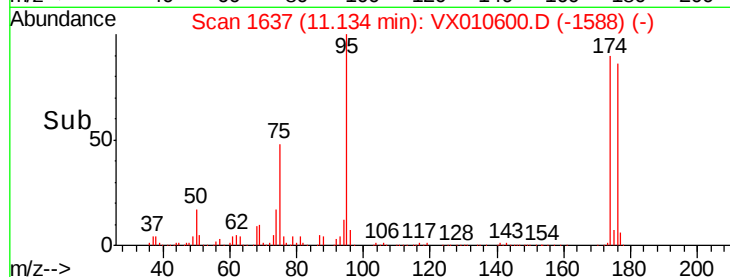
176 91.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010600.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010600.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010600.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010600.D

Acq: 01 Jul 2019 18:51

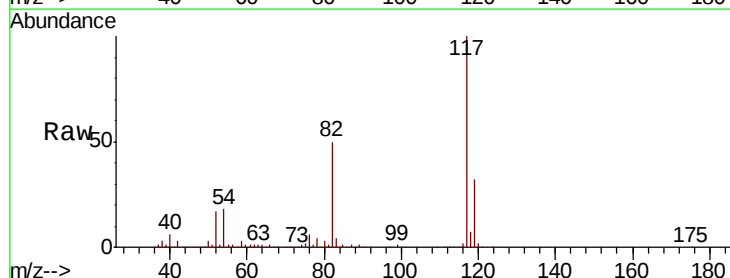
Tgt Ion: 117 Resp: 358799

Ion Ratio Lower Upper

117 100

82 50.4 41.2 61.8

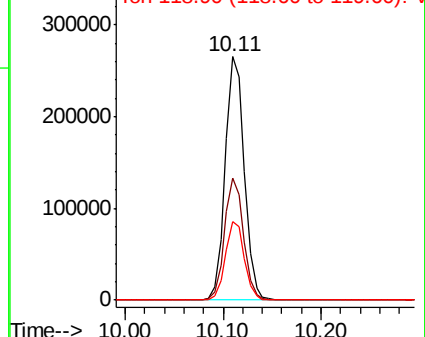
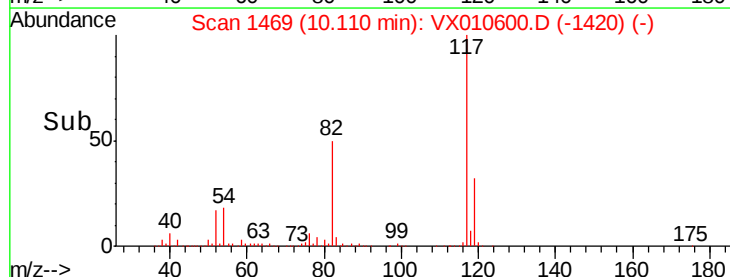
119 32.4 25.5 38.3

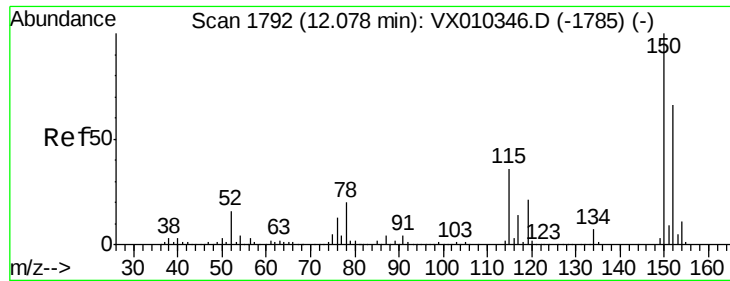


Abundance Ion 116.90 (116.60 to 117.60): VX010600.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010600.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010600.D (-1420) (-)



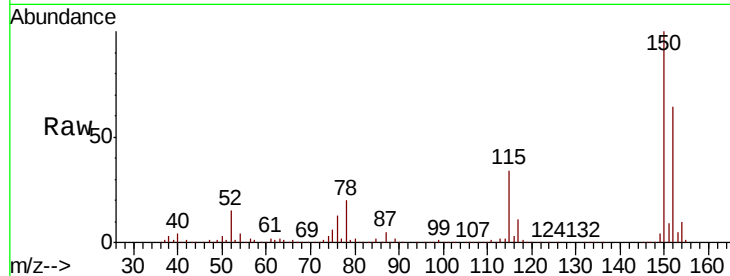


#72

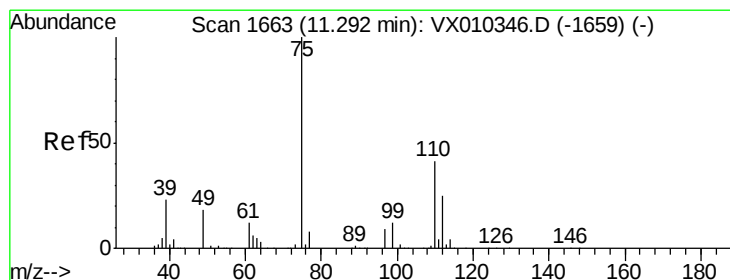
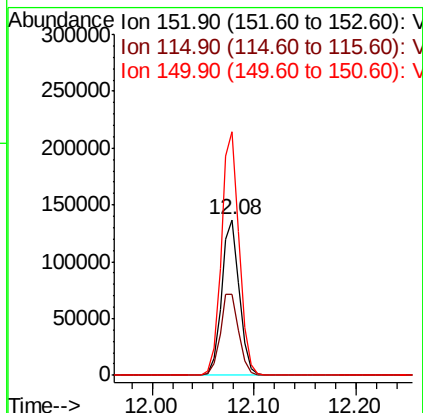
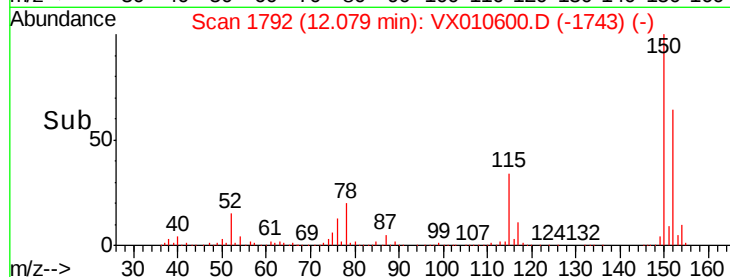
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010600.D
Acq: 01 Jul 2019 18:51

Instrument :
MSVOA_X
ClientSampled :
VO-BLANK

Tot Ion:152 Resp: 165203
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 157.5 0.0 347.4



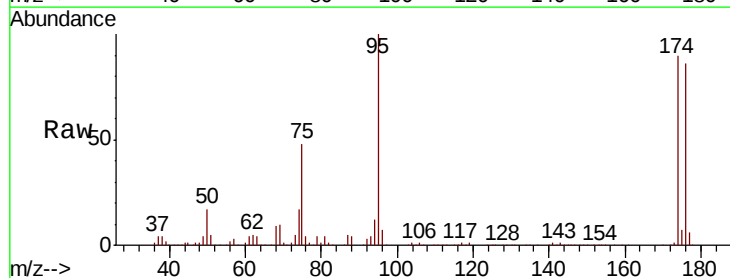
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



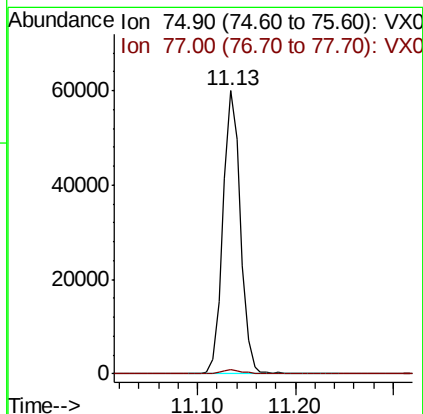
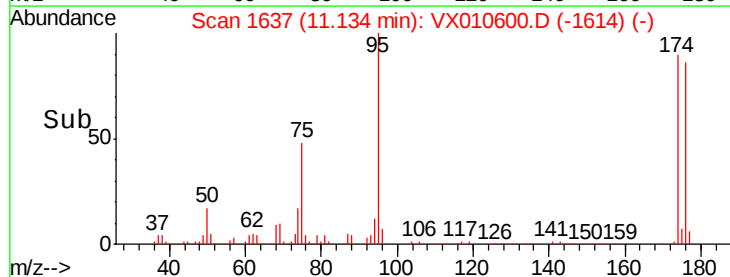
#76

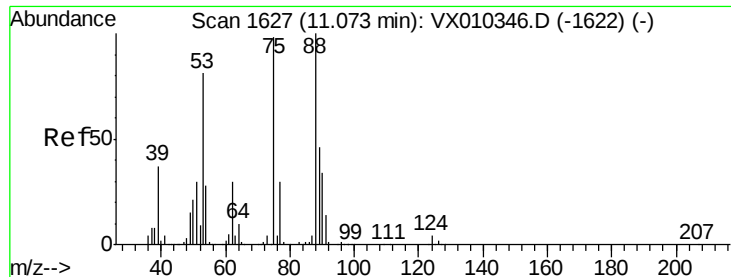
1,2,3-Trichloropropane
Concen: 24.754 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010600.D
Acq: 01 Jul 2019 18:51

Tgt Ion: 75 Resp: 74519
Ion Ratio Lower Upper
75 100
77 1.5 22.6 67.8#



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: 57.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010600.D

Acq: 01 Jul 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

VO-BLANK

Tot Ion: 75 Resp: 74519

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

89 0.1 37.8 56.6#

