

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010650.D
 Acq On : 03 Jul 2019 19:08
 Operator : JC/SP
 Sample : K3680-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 04 03:38:59 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	235654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150401	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115363	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	5.50	113	110701	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	427449	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	143668	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

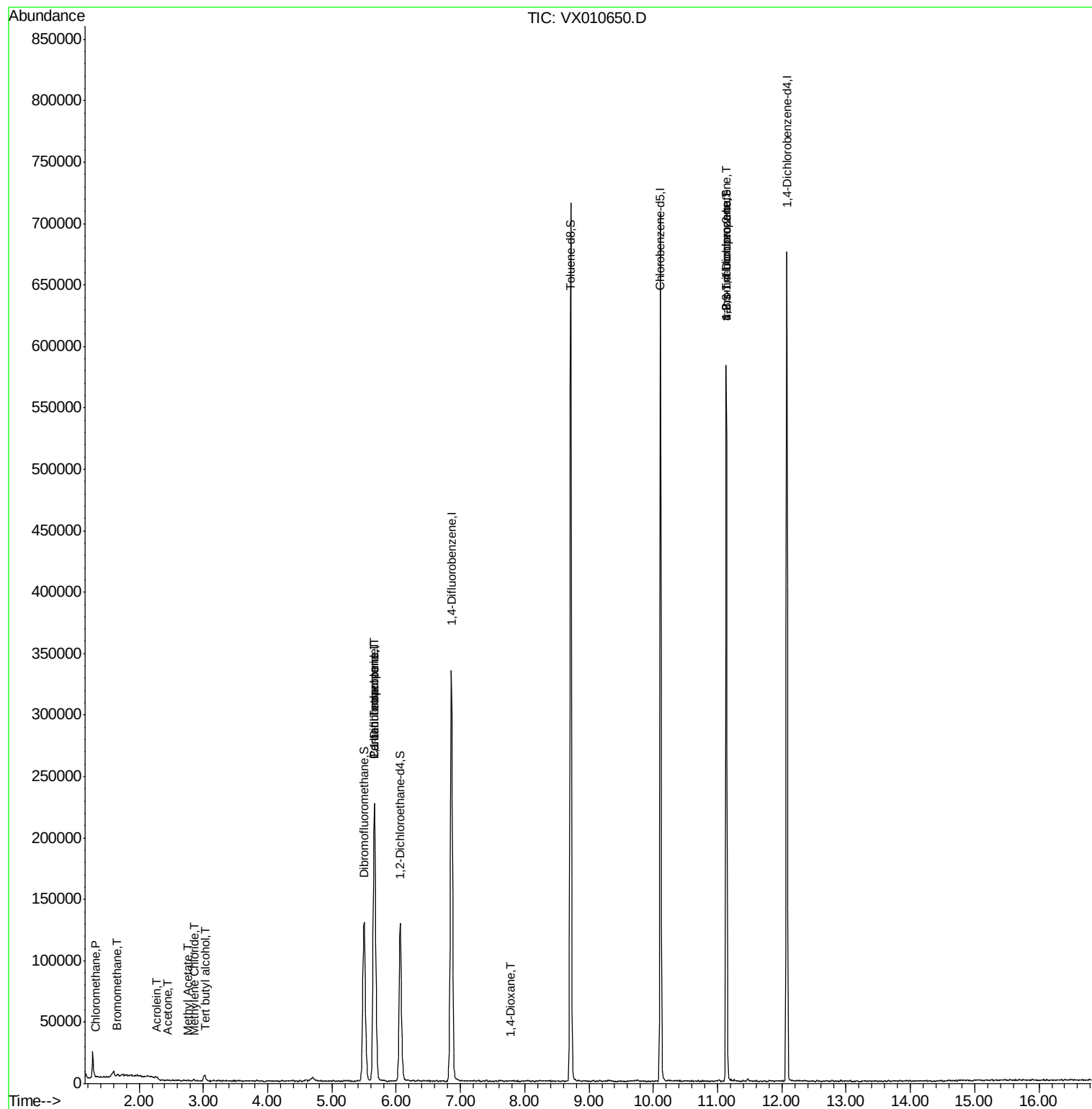
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	472	0.247	ug/l	96
5) Bromomethane	1.65	94	319	0.313	ug/l #	74
11) Tert butyl alcohol	3.02	59	3022	5.227	ug/l #	76
13) Acrolein	2.28	56	156	0.407	ug/l #	64
16) Acetone	2.45	43	826	0.746	ug/l #	80
18) Methyl Acetate	2.77	43	624	0.283	ug/l #	79
20) Methylene Chloride	2.86	84	475	0.208	ug/l #	95
36) 1,1-Dichloropropene	5.66	75	15029	5.212	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20929	6.703	ug/l #	17
49) 1,4-Dioxane	7.78	88	22	0.335	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	70402	25.688	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70402	59.926	ug/l #	16

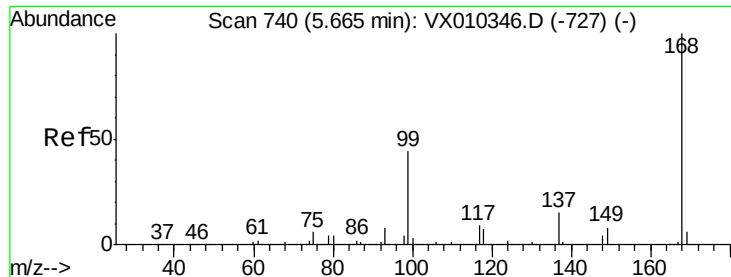
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010650.D

Acq: 03 Jul 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

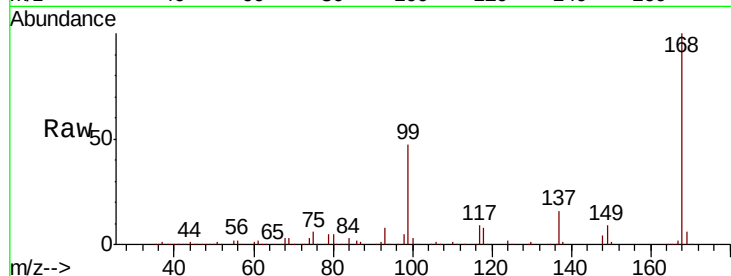
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Tot Ion:168 Resp: 235654

Ion Ratio Lower Upper

168 100

99 46.9 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

80000

60000

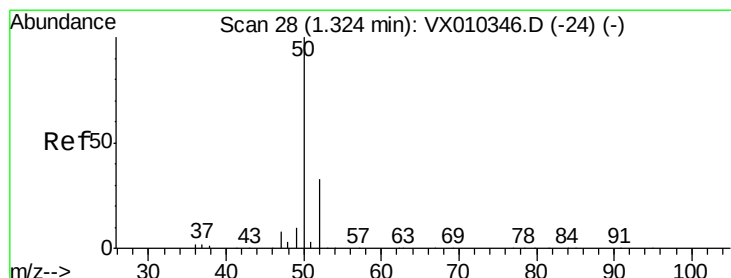
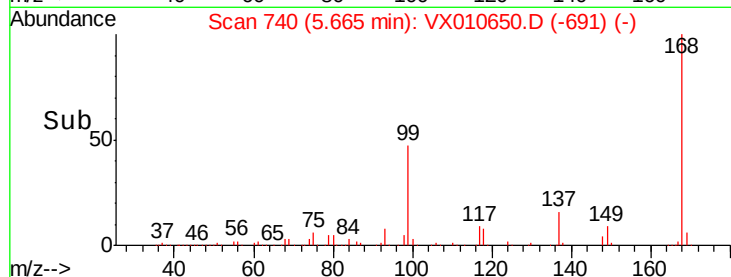
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.247 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010650.D

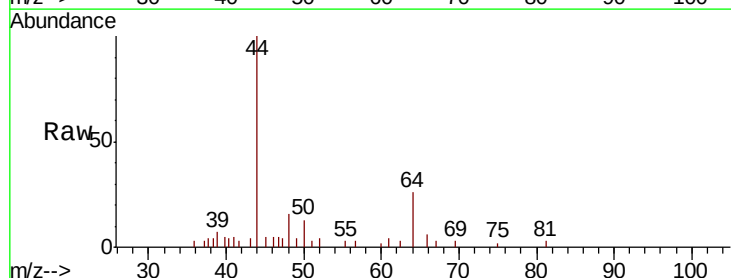
Acq: 03 Jul 2019 19:08

Tgt Ion: 50 Resp: 472

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

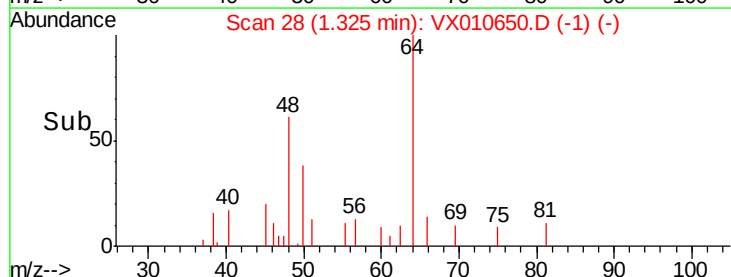
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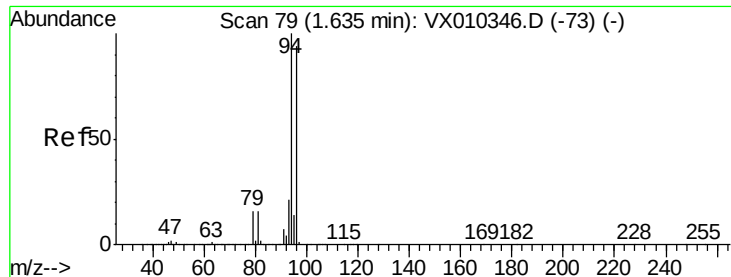
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.313 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

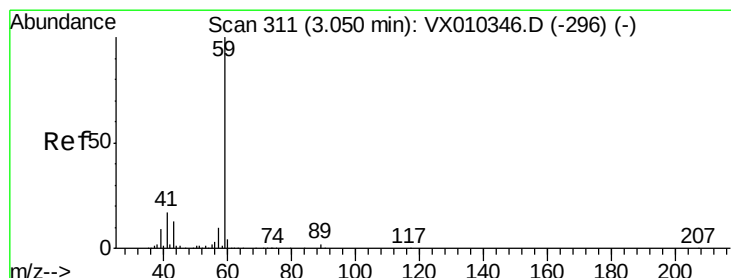
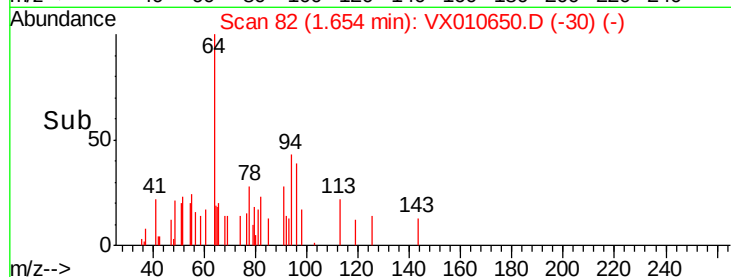
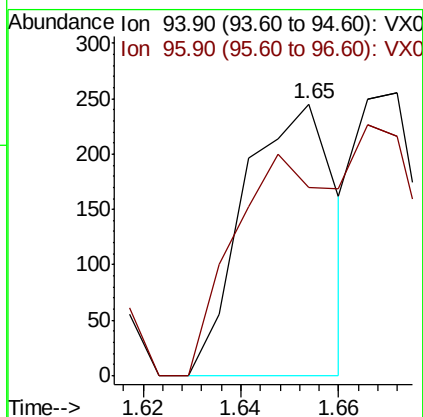
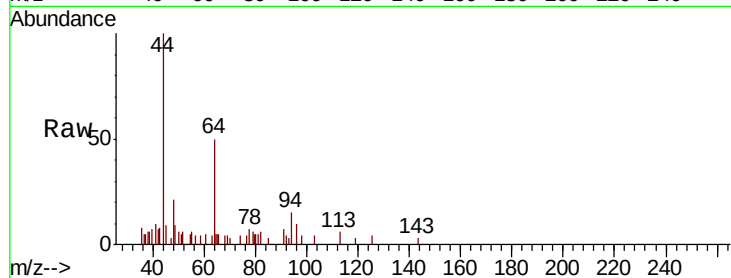
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Tot Ion: 94 Resp: 319

Ion Ratio Lower Upper

94 100

96 69.4 75.5 113.3#



#11

Tert butyl alcohol

Concen: 5.227 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010650.D

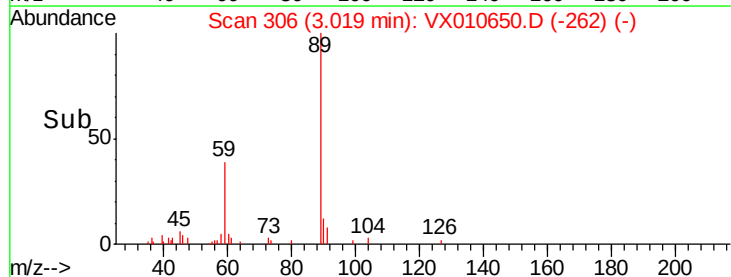
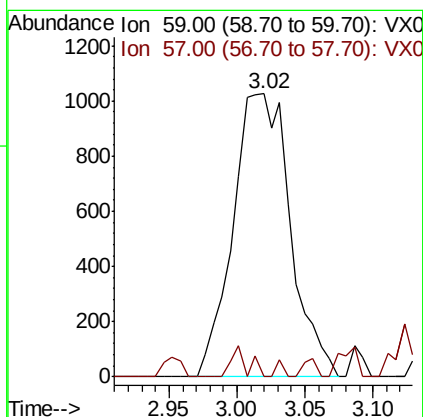
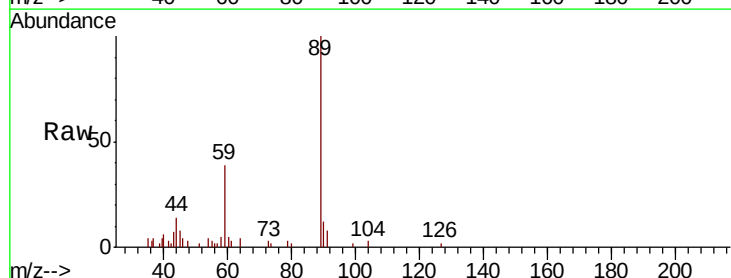
Acq: 03 Jul 2019 19:08

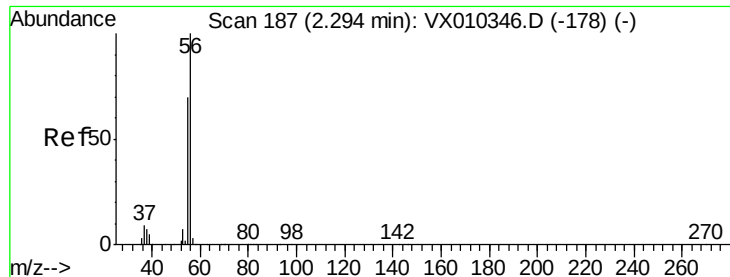
Tgt Ion: 59 Resp: 3022

Ion Ratio Lower Upper

59 100

57 0.7 7.7 11.5#





#13

Acrolein

Concen: 0.407 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

Instrument :

MSVOA_X

ClientSampled :

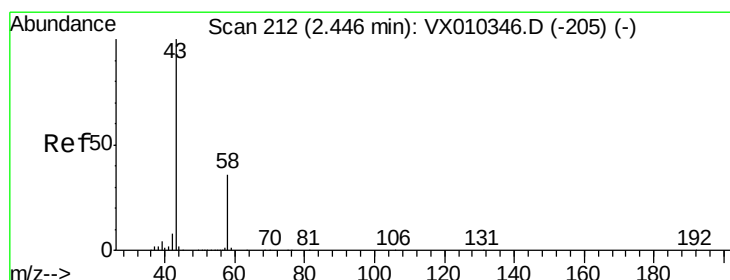
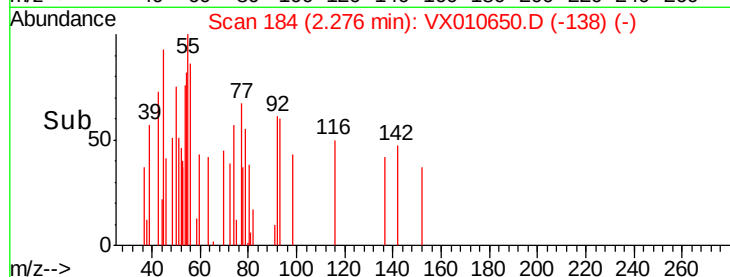
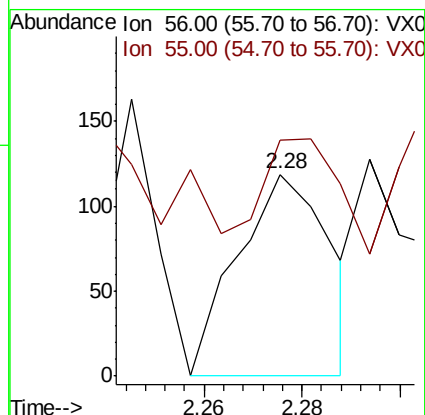
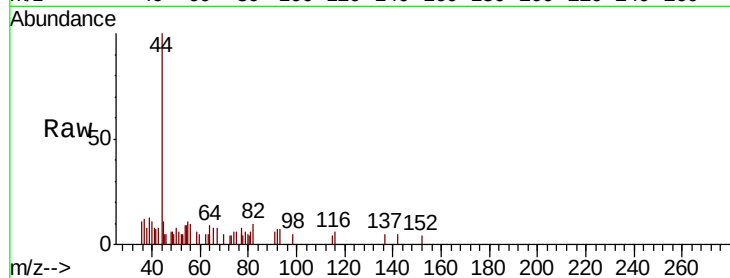
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Tot Ion: 56 Resp: 156

Ion Ratio Lower Upper

56 100

55 100.6 56.9 85.3#



#16

Acetone

Concen: 0.746 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010650.D

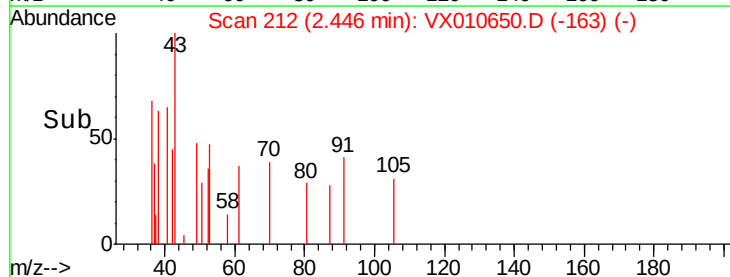
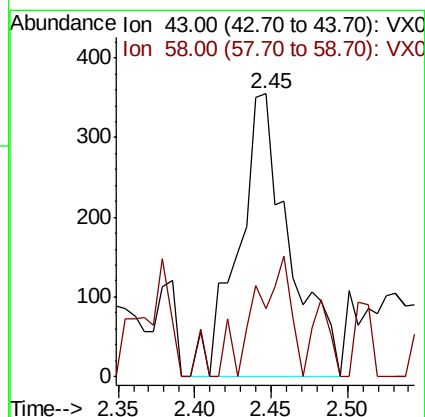
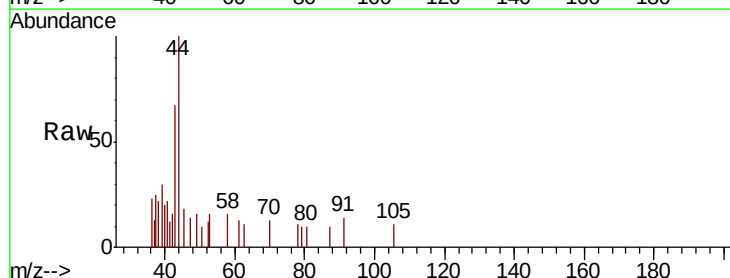
Acq: 03 Jul 2019 19:08

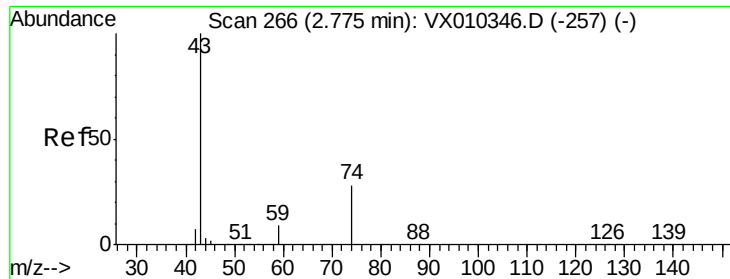
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

58 24.2 28.9 43.3#

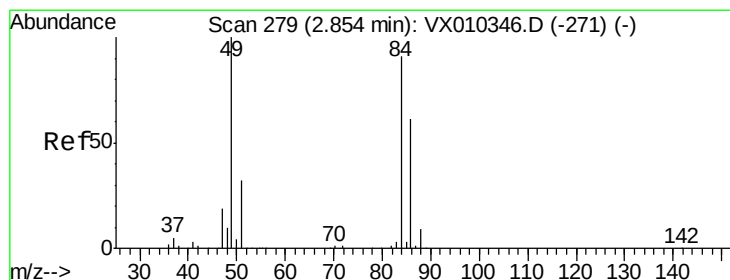
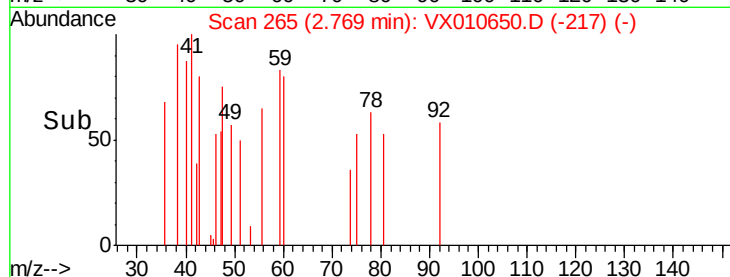
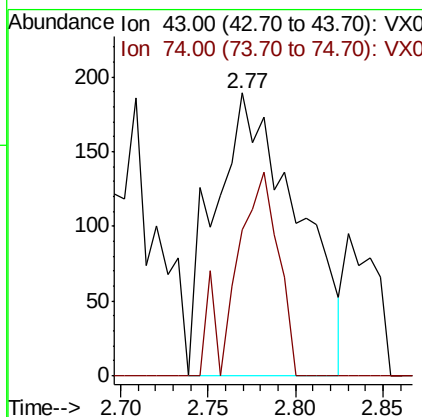
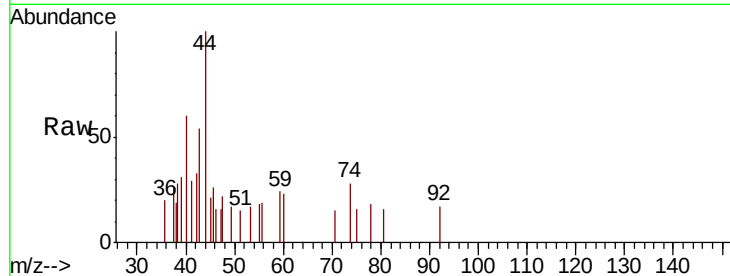




#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

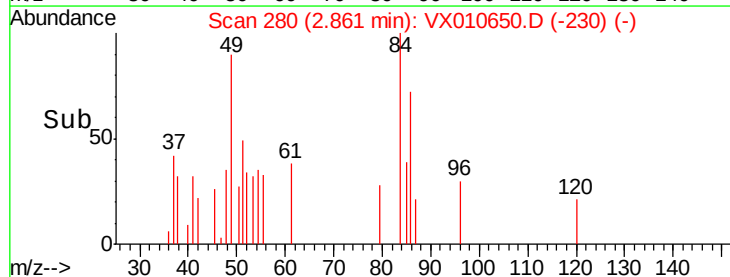
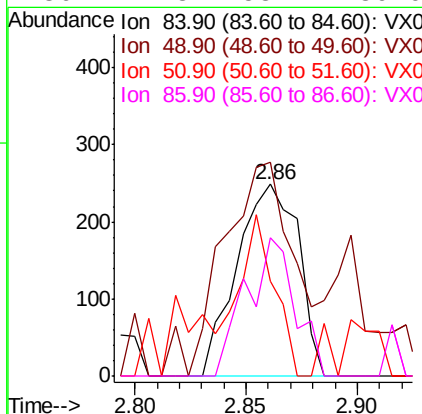
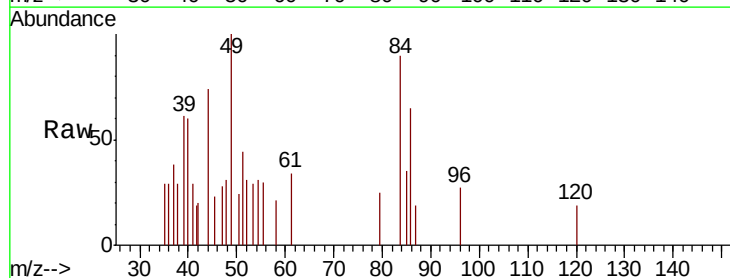
Instrument :
MSVOA_X
ClientSampled :
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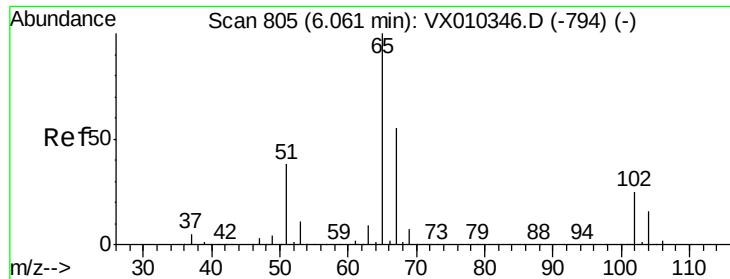
Tot Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
74 37.2 21.3 31.9#



#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 111.2 87.5 131.3
51 26.9 27.7 41.5#
86 72.3 53.4 80.0

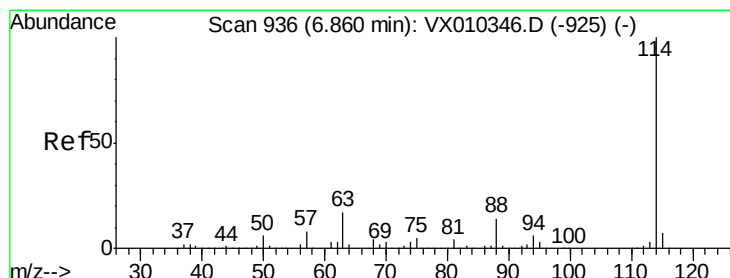
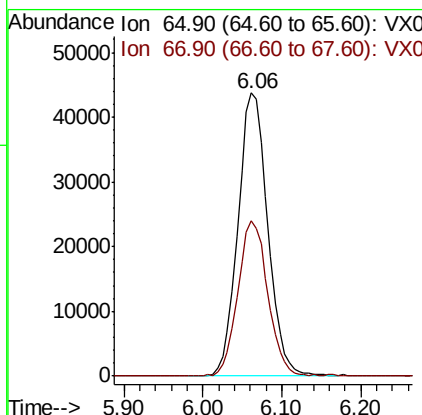
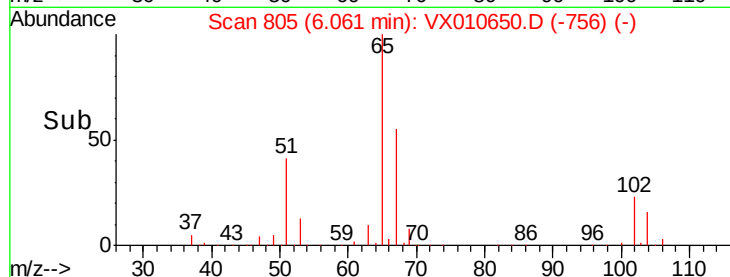
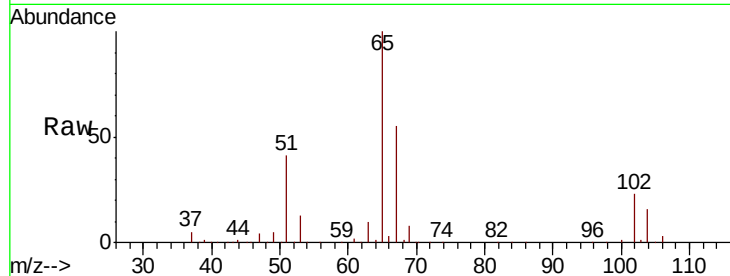




#33
 1,2-Dichloroethane-d4
 Concen: 52.212 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010650.D
 Acq: 03 Jul 2019 19:08

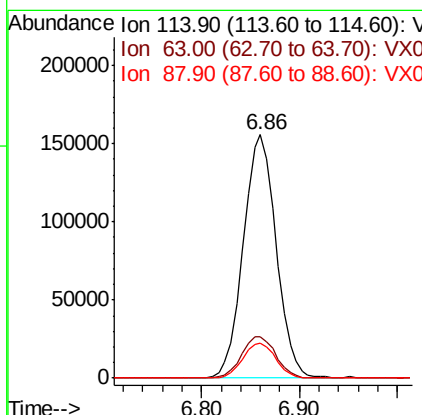
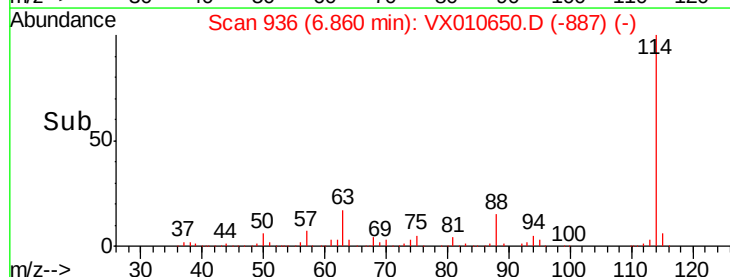
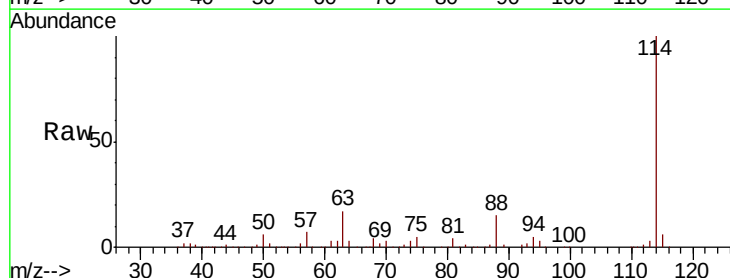
Instrument :
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 ClientSampleId :
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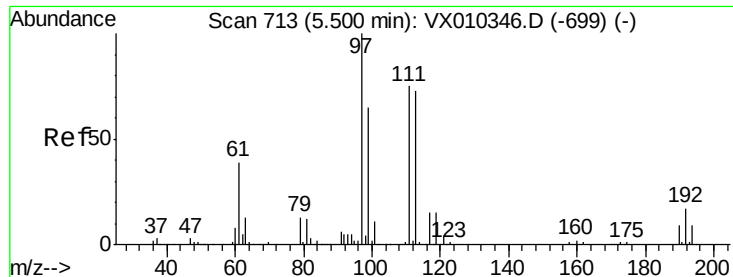
Tot Ion: 65 Resp: 115363
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010650.D
 Acq: 03 Jul 2019 19:08

Tgt Ion: 114 Resp: 362853
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.6 0.0 27.6

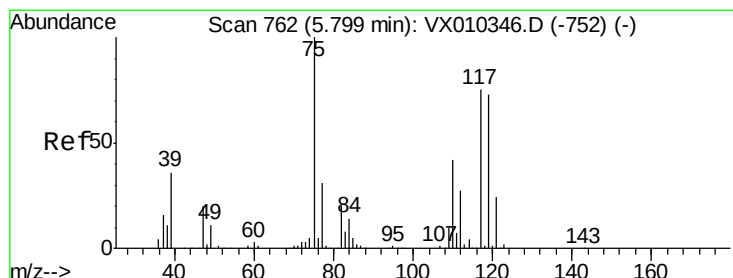
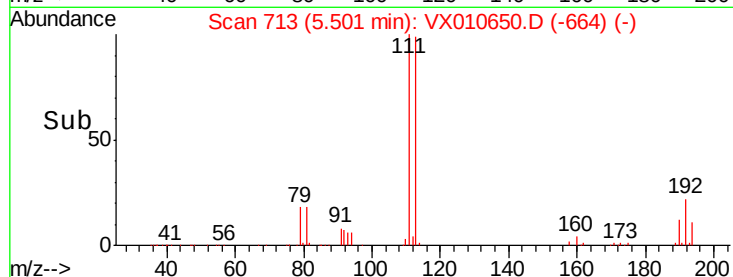
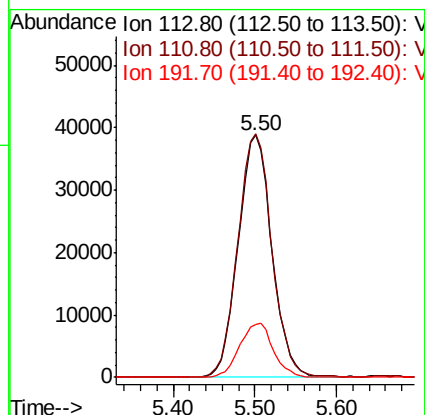
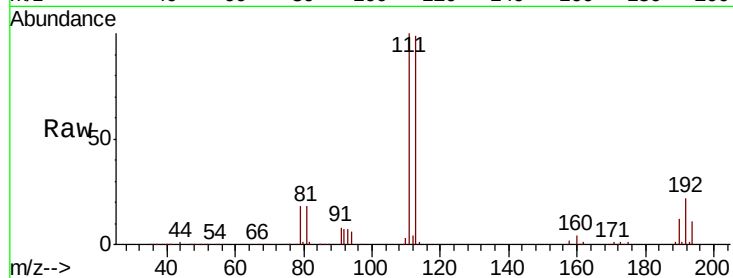




#35
 Dibromofluoromethane
 Concen: 49.864 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010650.D
 Acq: 03 Jul 2019 19:08

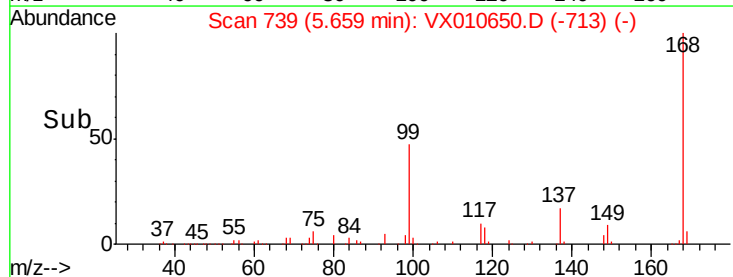
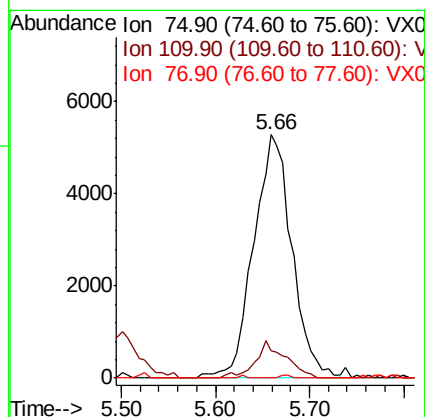
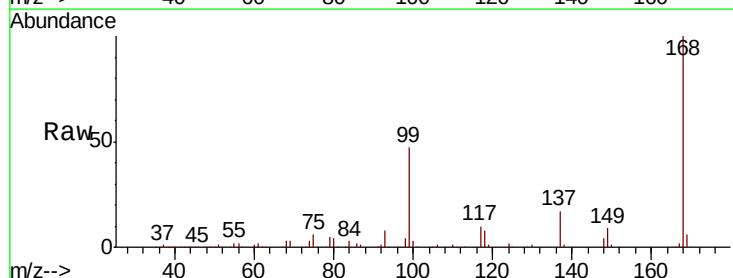
Instrument :
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 ClientSampleId :
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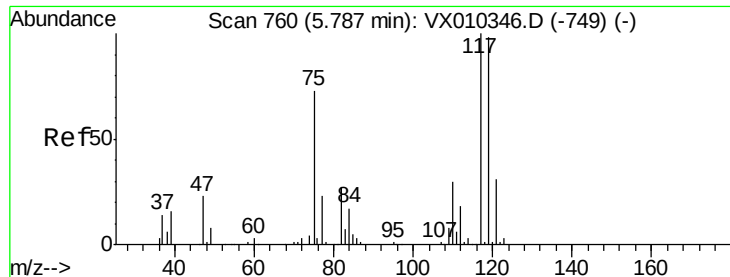
Tot Ion:113 Resp: 110701
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 22.5 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.212 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010650.D
 Acq: 03 Jul 2019 19:08

Tgt Ion: 75 Resp: 15029
 Ion Ratio Lower Upper
 75 100
 110 12.0 20.8 62.2#
 77 0.3 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.703 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

Instrument :

MSVOA_X

ClientSampled :

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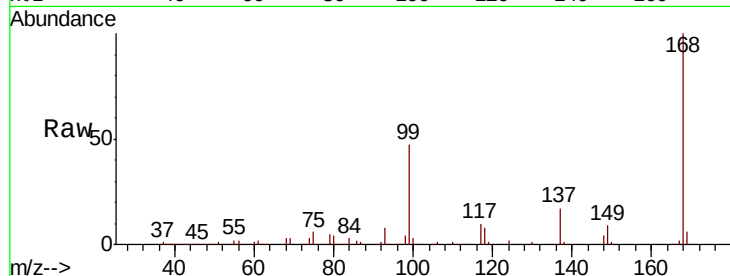
Tot Ion:117 Resp: 20929

Ion Ratio Lower Upper

117 100

119 7.1 78.2 117.4#

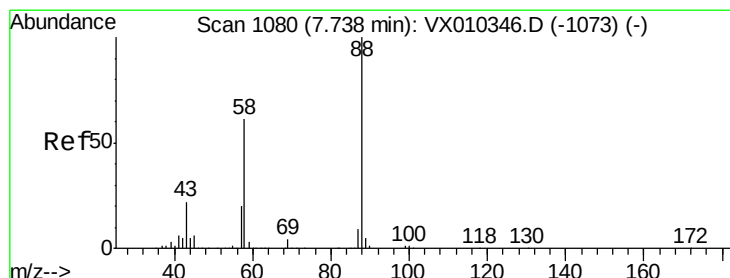
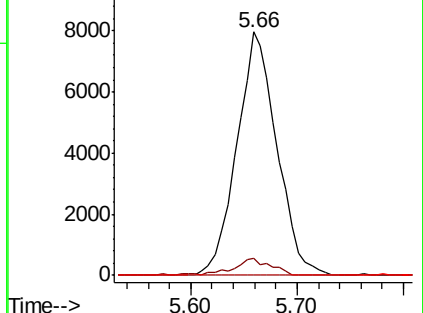
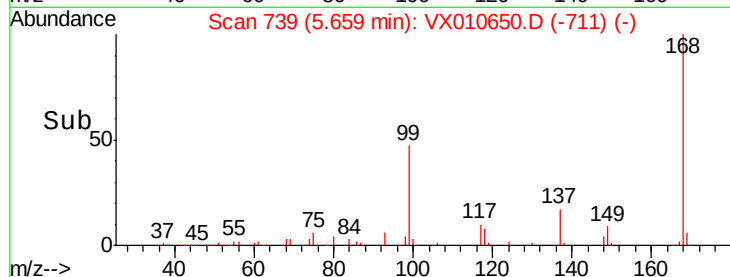
121 0.0 24.7 37.1#



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: 0.335 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

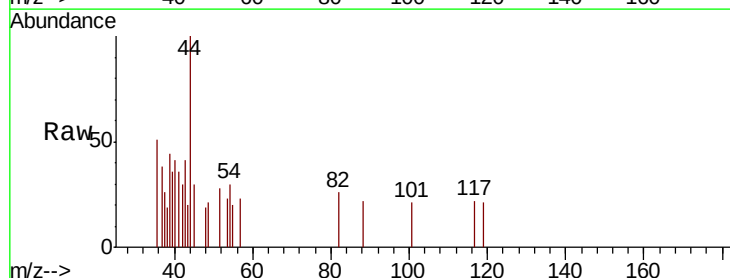
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 554.5 20.2 30.2#

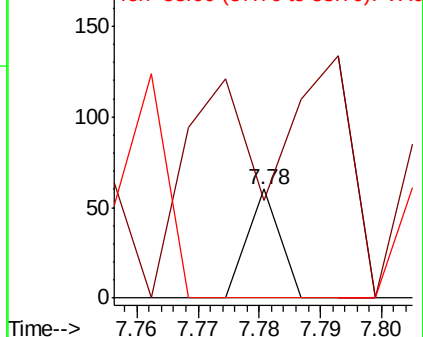
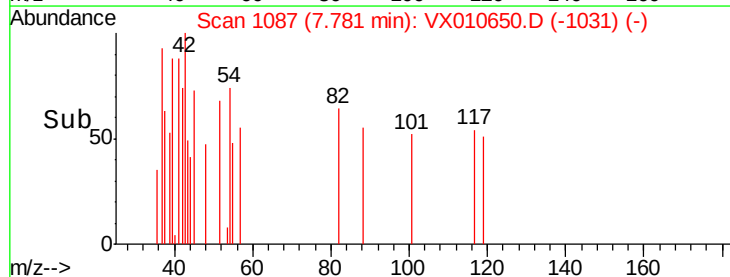
58 290.9 49.5 74.3#

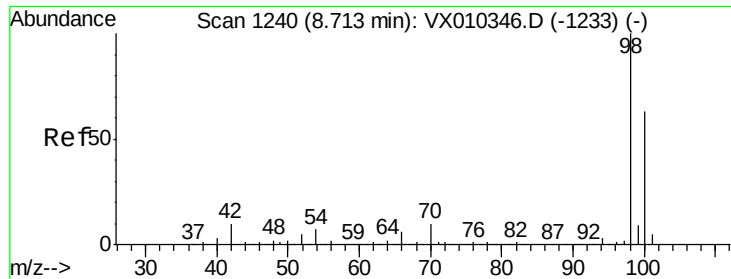


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

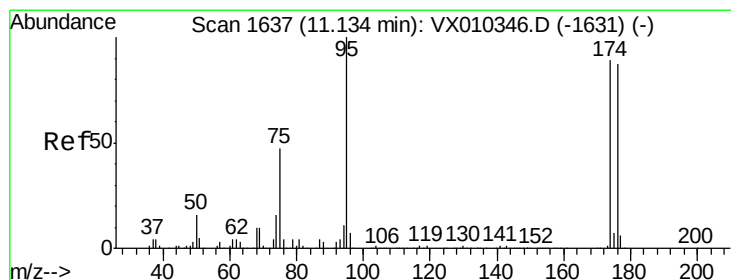
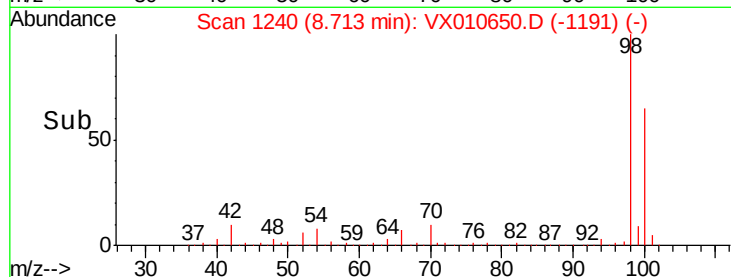
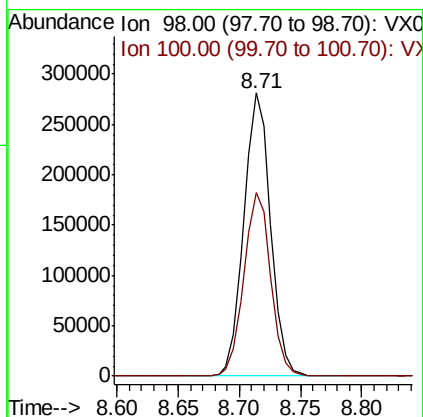
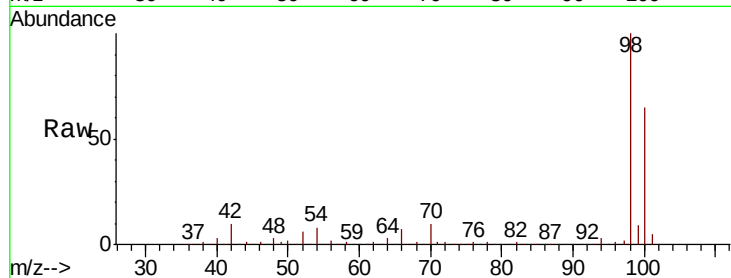




#50
Toluene-d8
Concen: 50.326 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

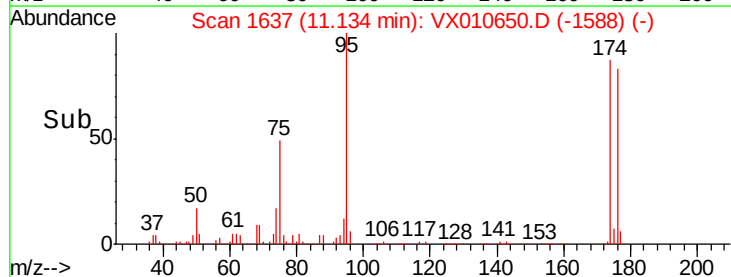
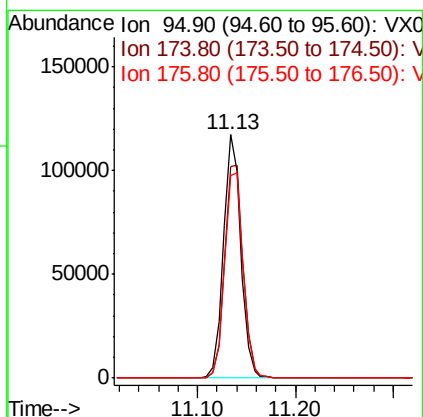
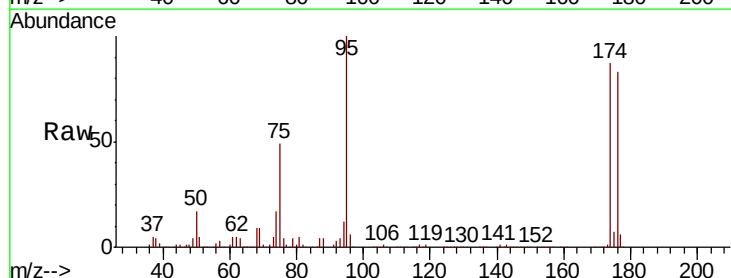
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

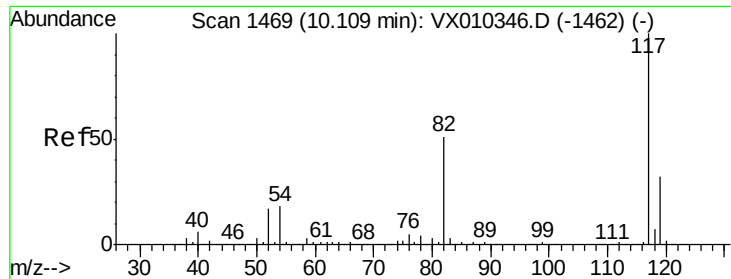
Tot Ion: 98 Resp: 427449
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

Tgt Ion: 95 Resp: 143668
Ion Ratio Lower Upper
95 100
174 93.6 0.0 187.6
176 90.8 0.0 184.0

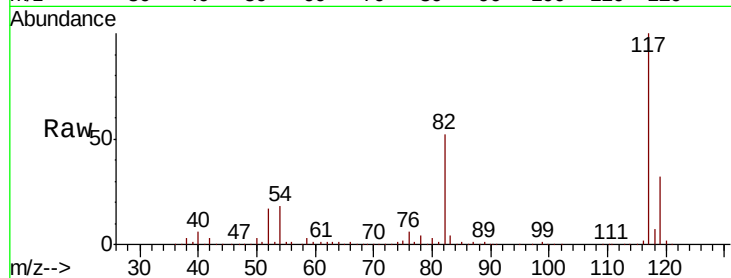




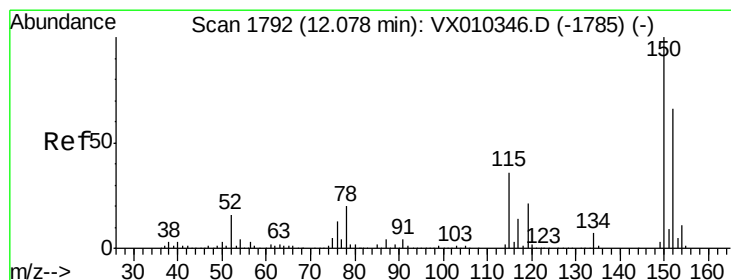
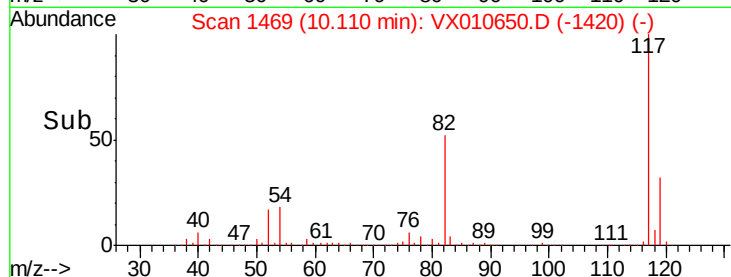
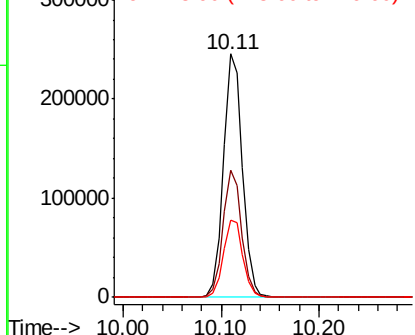
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 329232
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 31.9 25.5 38.3

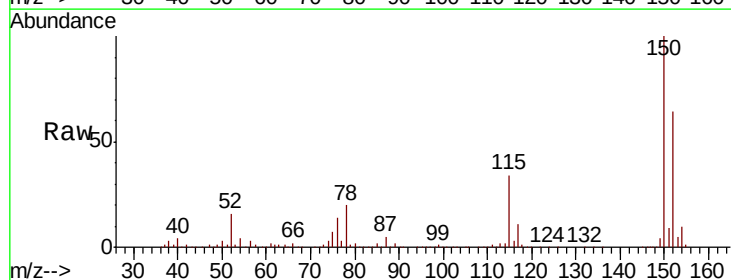


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

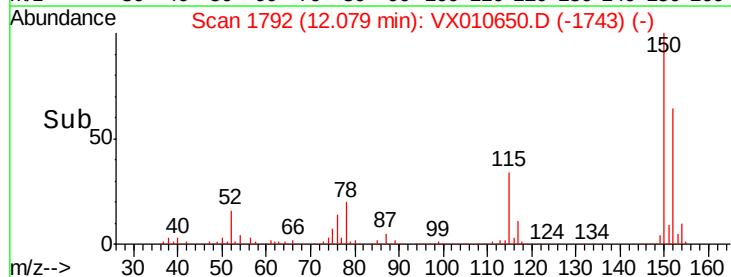
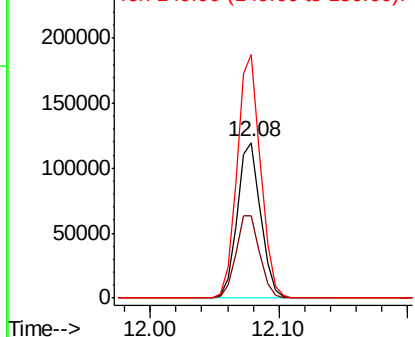


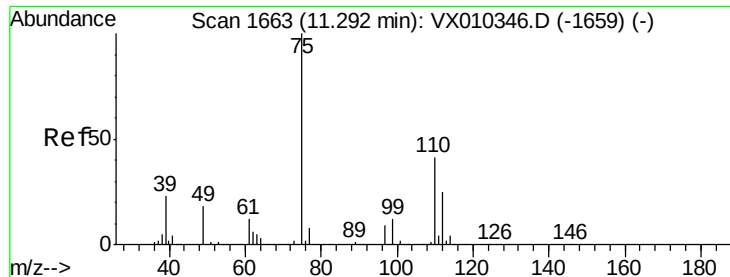
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010650.D
Acq: 03 Jul 2019 19:08

Tgt Ion:152 Resp: 150401
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 157.3 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: 25.688 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

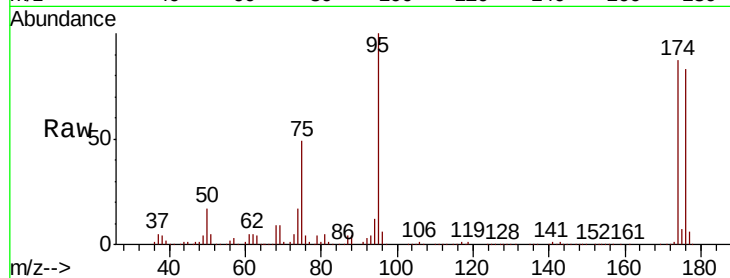
TRIP-BLANK

Tot Ion: 75 Resp: 70402

Ion Ratio Lower Upper

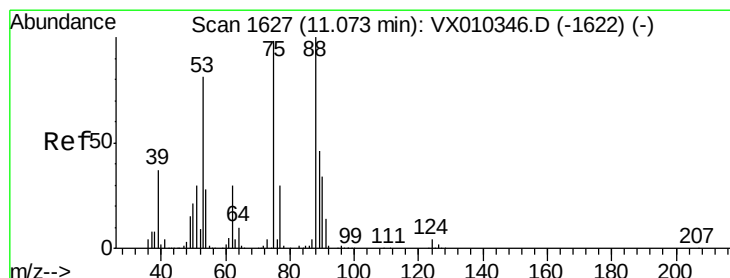
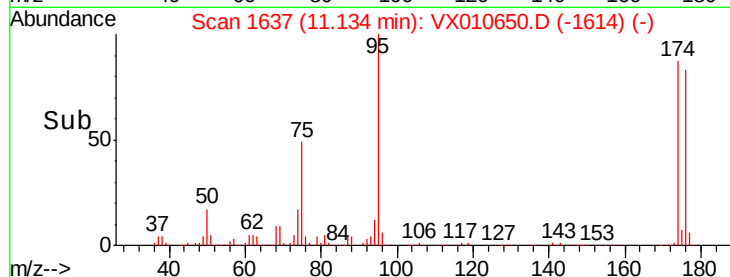
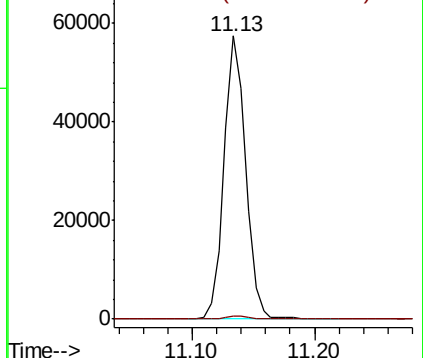
75 100

77 1.4 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: 59.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010650.D

Acq: 03 Jul 2019 19:08

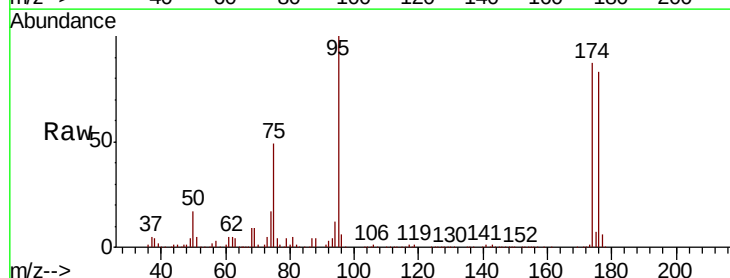
Tgt Ion: 75 Resp: 70402

Ion Ratio Lower Upper

75 100

53 0.3 66.1 99.1#

89 0.0 37.8 56.6#



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

