

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010718.D
 Acq On : 09 Jul 2019 00:46
 Operator : JC/SP
 Sample : K3691-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-190704

Quant Time: Jul 09 07:23:21 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	5.66	168	222640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147221	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	111470	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	5.50	113	106004	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	409767	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.13	95	139024	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	

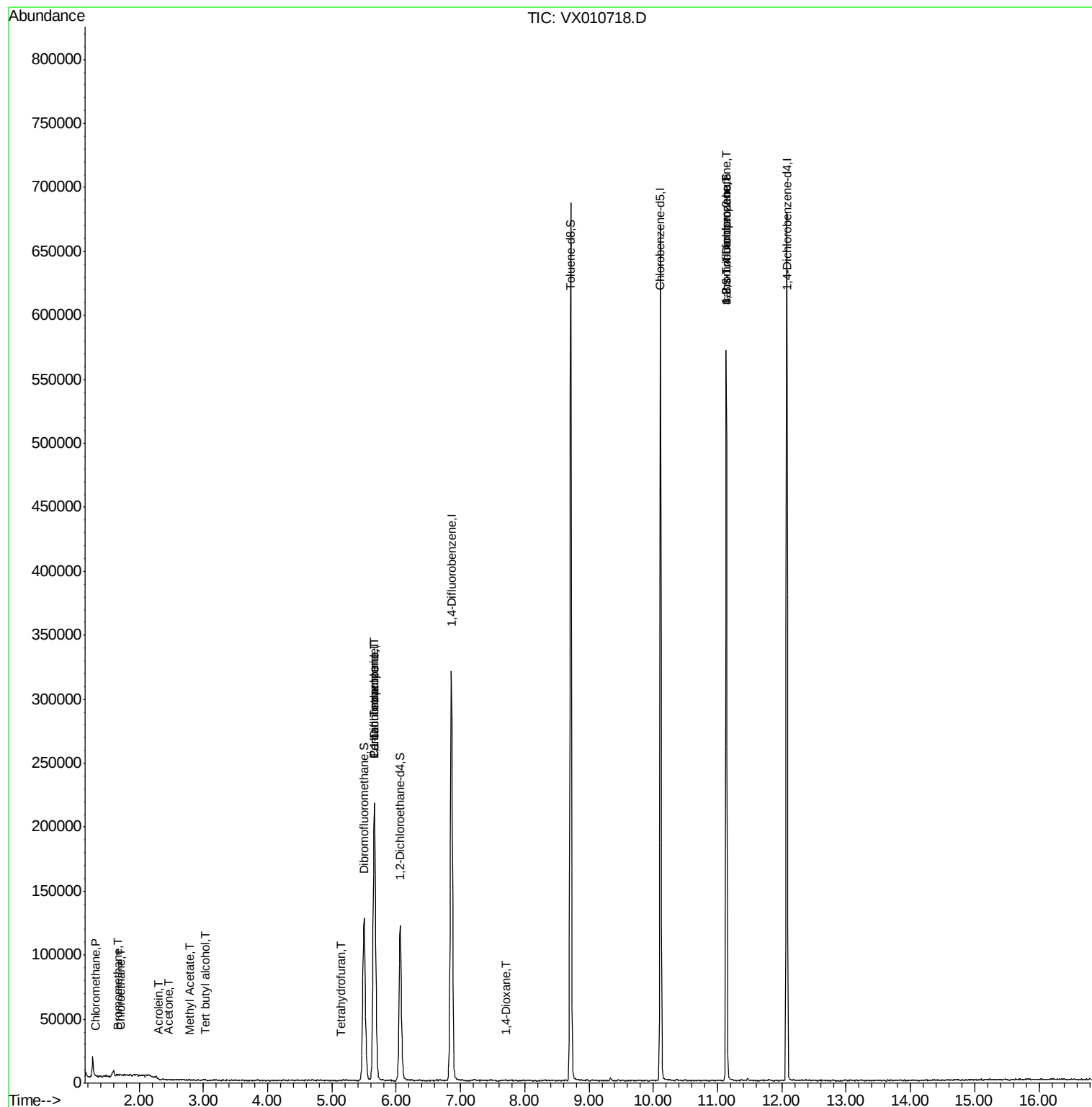
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	433	0.240	ug/l	98
5) Bromomethane	1.67	94	687	0.714	ug/l #	37
6) Chloroethane	1.70	64	2564	2.201	ug/l #	66
11) Tert butyl alcohol	3.04	59	568	1.040	ug/l	95
13) Acrolein	2.30	56	87	0.240	ug/l #	14
16) Acetone	2.45	43	614	0.587	ug/l #	41
18) Methyl Acetate	2.78	43	455	0.218	ug/l #	80
29) Tetrahydrofuran	5.13	42	271	0.285	ug/l #	44
36) 1,1-Dichloropropene	5.67	75	14298	5.148	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20492	6.814	ug/l #	16
49) 1,4-Dioxane	7.70	88	42	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	67192	25.046	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	67192	58.429	ug/l #	16

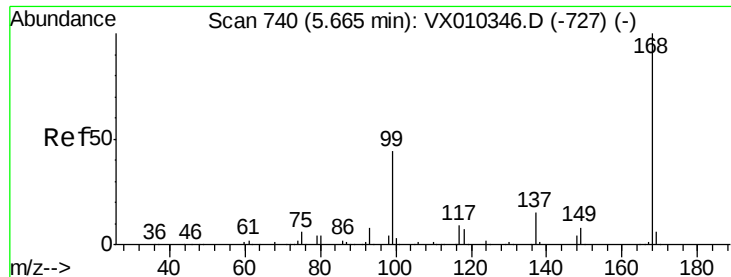
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

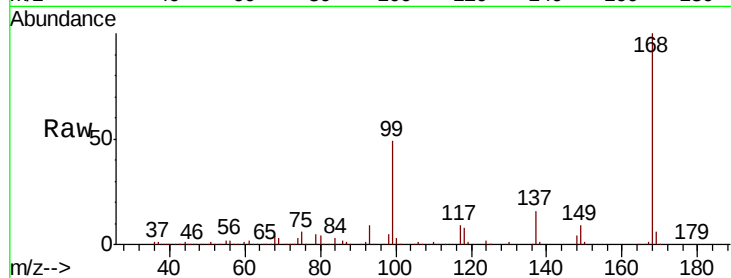
SS032MW061-190704

Tot Ion:168 Resp: 222640

Ion Ratio Lower Upper

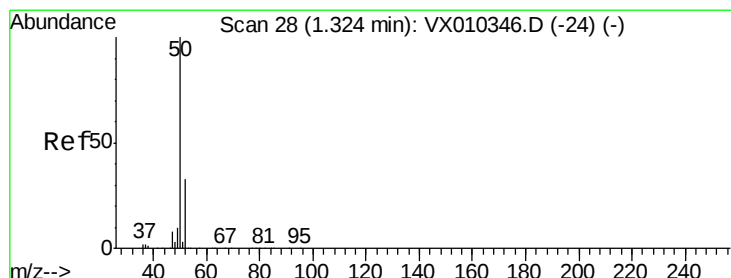
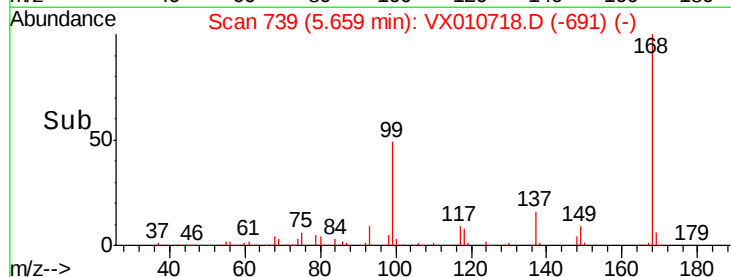
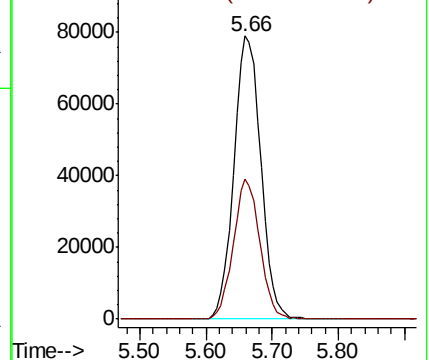
168 100

99 49.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.240 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010718.D

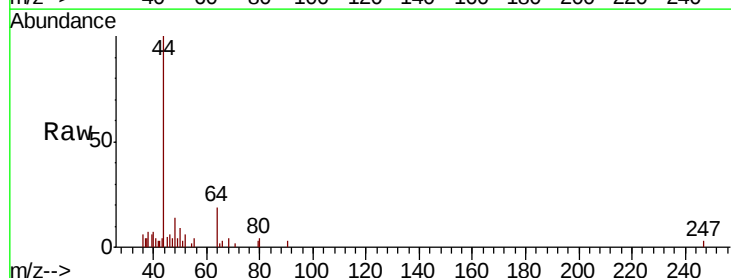
Acq: 09 Jul 2019 00:46

Tgt Ion: 50 Resp: 433

Ion Ratio Lower Upper

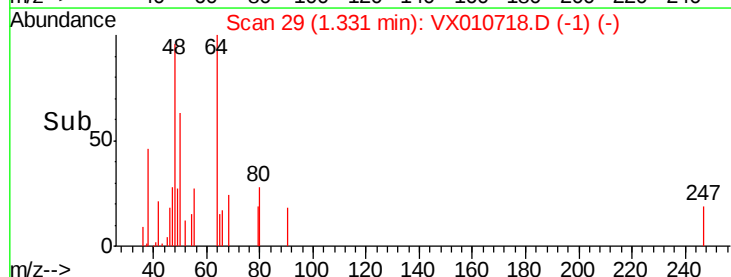
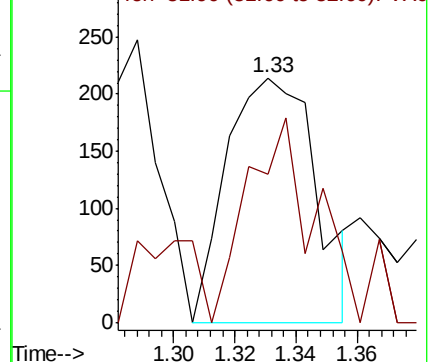
50 100

52 31.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.714 ug/l

RT: 1.67 min Scan# 85

Delta R.T. 0.04 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

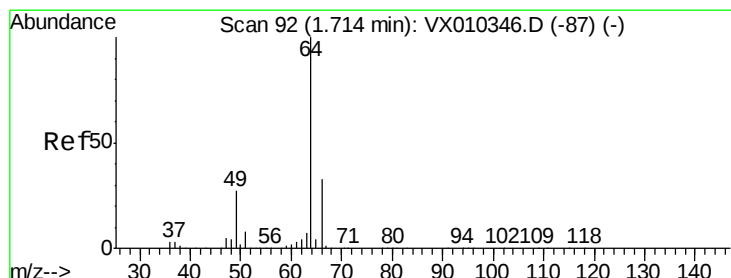
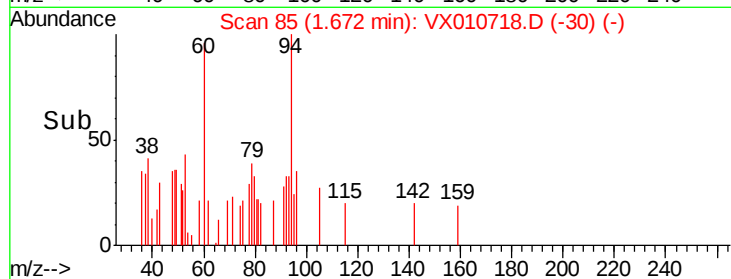
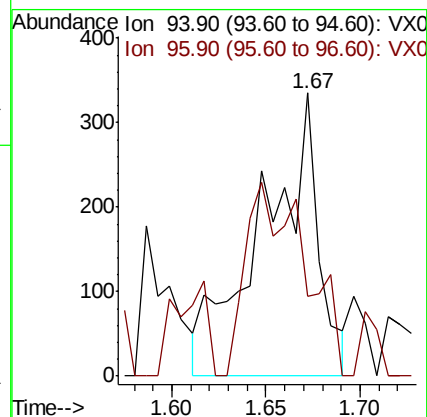
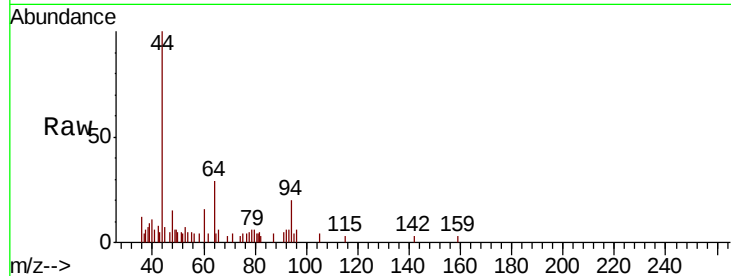
SS032MW061-190704

Tot Ion: 94 Resp: 687

Ion Ratio Lower Upper

94 100

96 33.1 75.5 113.3#



#6

Chloroethane

Concen: 2.201 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010718.D

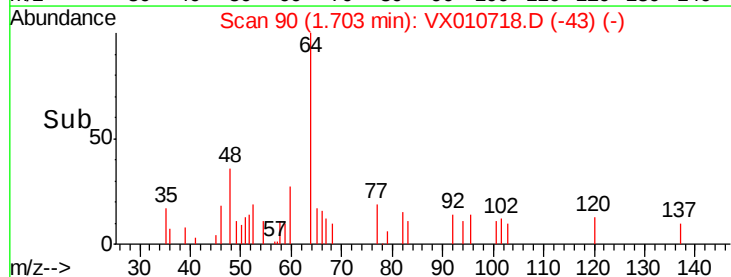
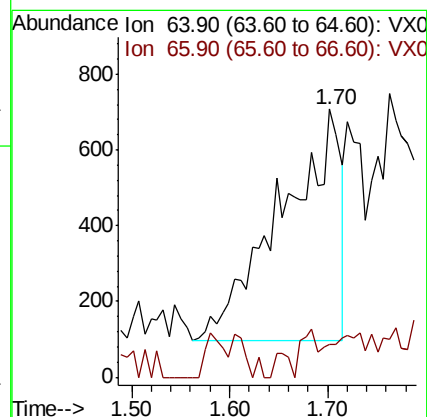
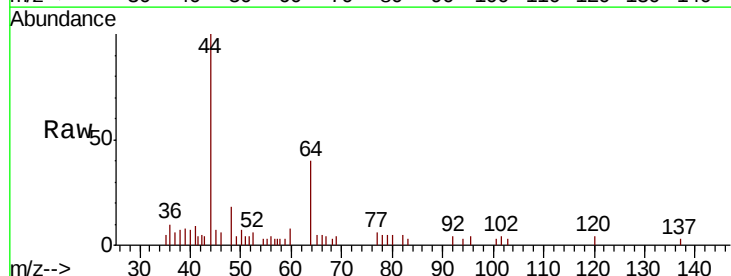
Acq: 09 Jul 2019 00:46

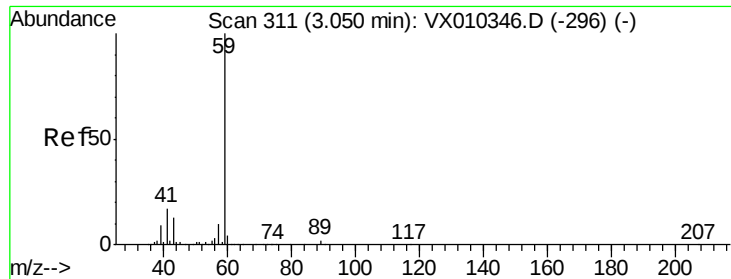
Tgt Ion: 64 Resp: 2564

Ion Ratio Lower Upper

64 100

66 14.2 26.6 40.0#



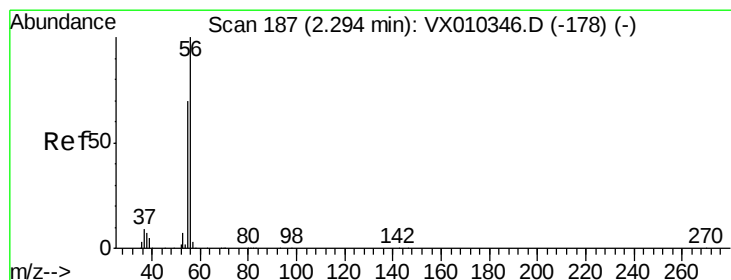
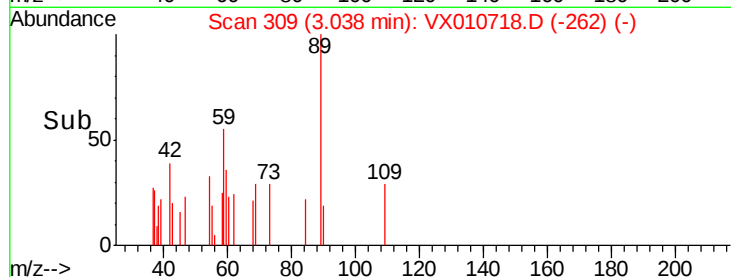
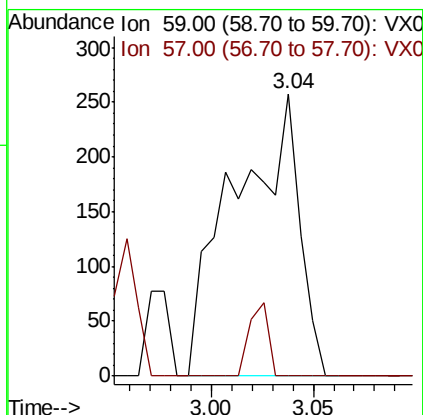
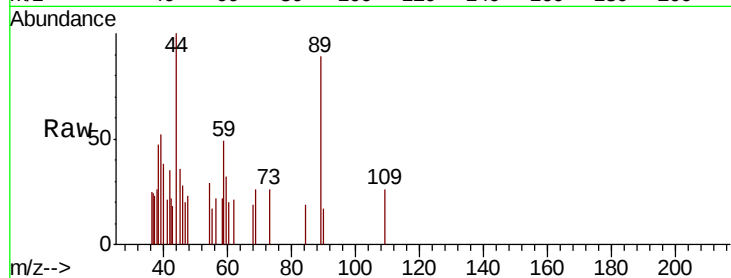


#11

Tert butyl alcohol
Concen: 1.040 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-190704

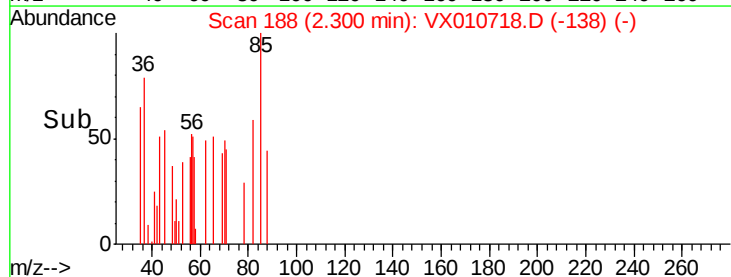
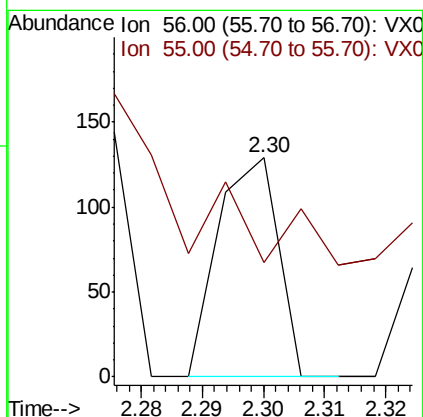
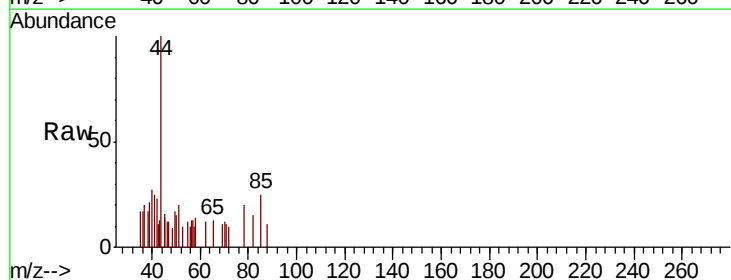
Tot Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 7.7 7.7 11.5

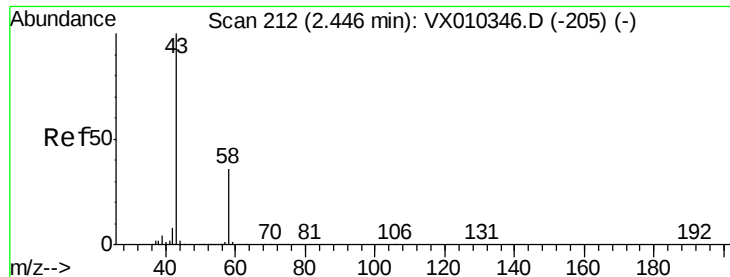


#13

Acrolein
Concen: 0.240 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#16

Acetone

Concen: 0.587 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

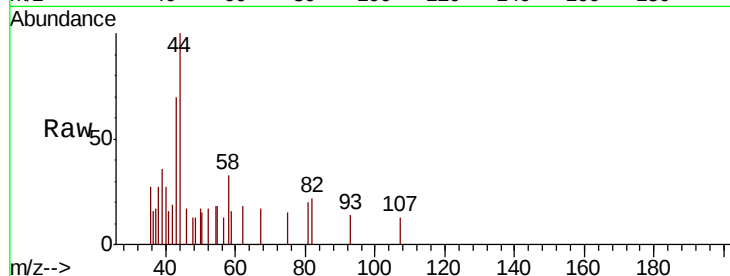
SS032MW061-190704

Tot Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 70.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

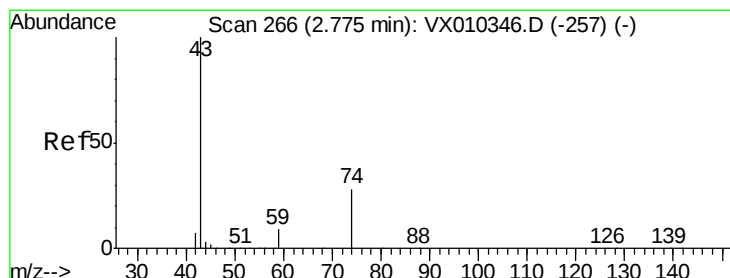
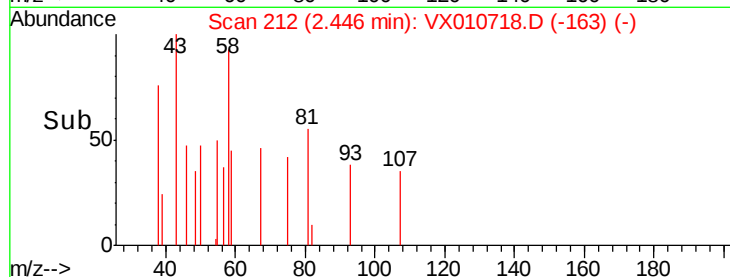
Ion 58.00 (57.70 to 58.70): VX0

2.45

2.45

2.50

Time-->



#18

Methyl Acetate

Concen: 0.218 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX010718.D

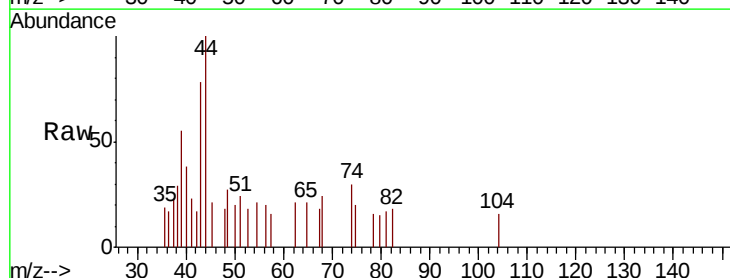
Acq: 09 Jul 2019 00:46

Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

74 36.9 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

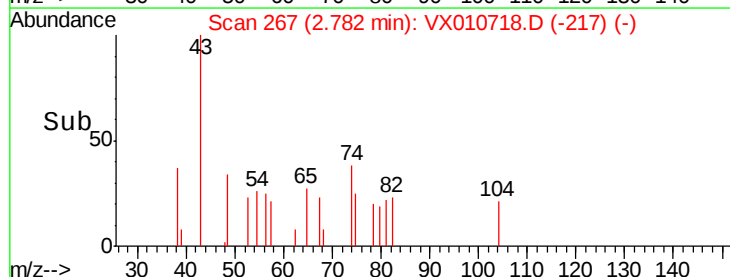
Ion 74.00 (73.70 to 74.70): VX0

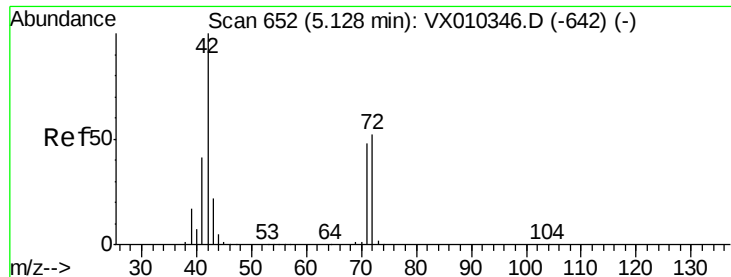
2.78

2.78

2.80

Time-->

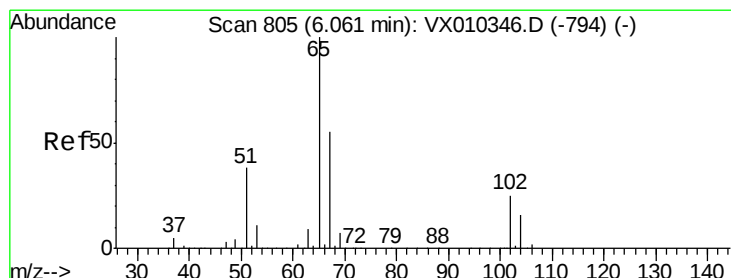
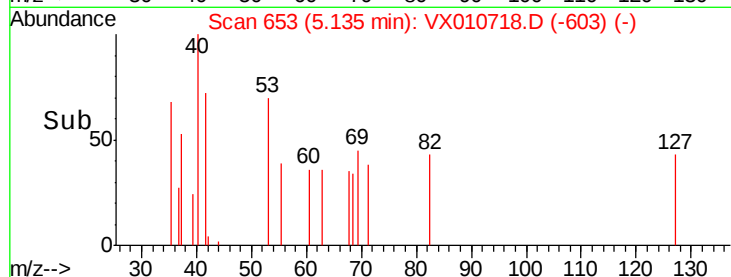
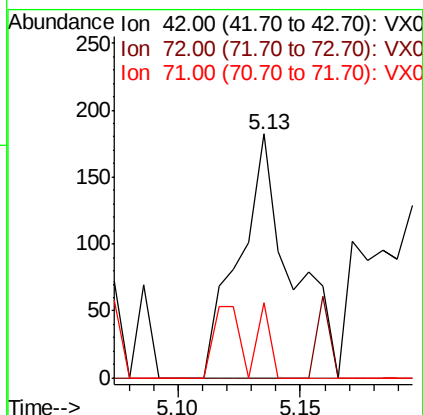
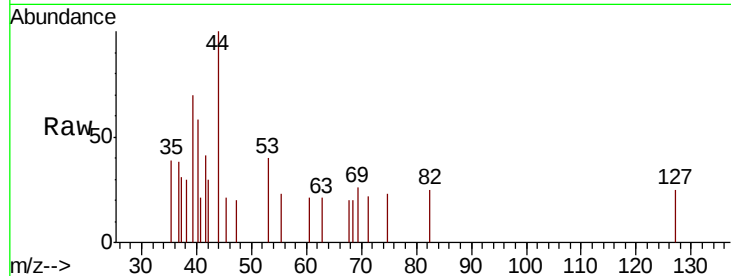




#29
Tetrahydrofuran
Concen: 0.285 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

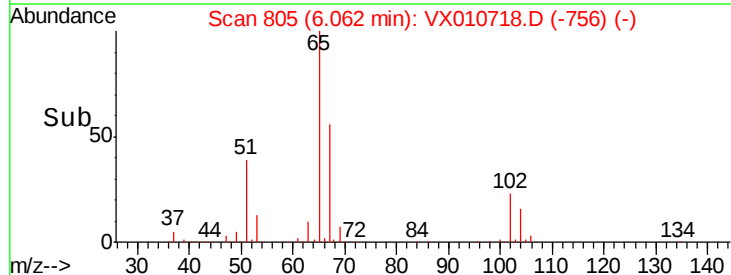
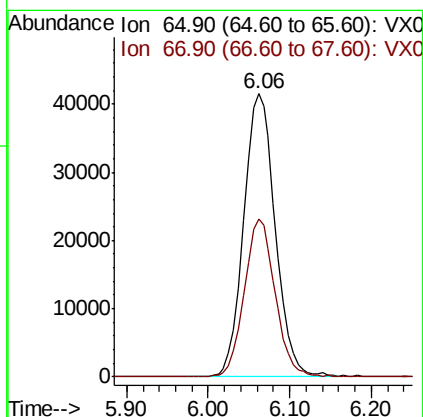
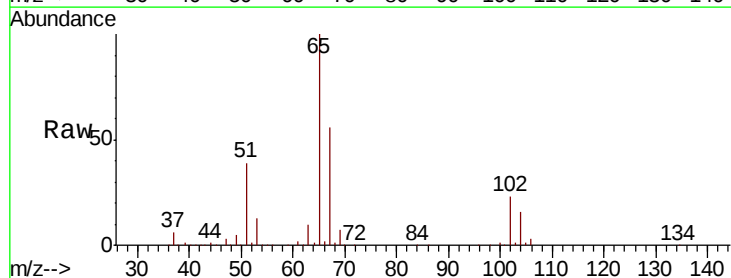
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-190704

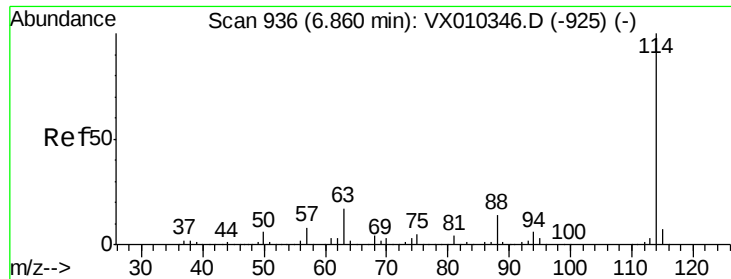
Tot Ion: 42 Resp: 271
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 21.8 37.8 56.8#



#33
1,2-Dichloroethane-d4
Concen: 53.400 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Tgt Ion: 65 Resp: 111470
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2

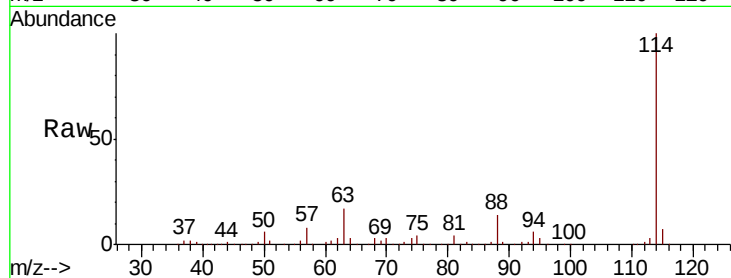




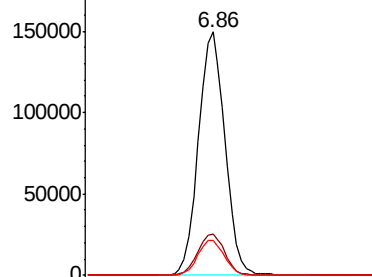
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-190704

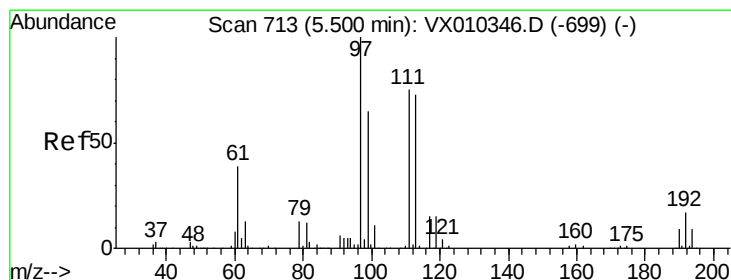
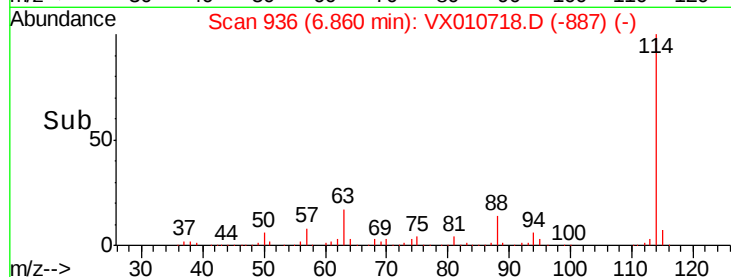
Tot Ion:114 Resp: 349486
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.8
88 14.1 0.0 27.6



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

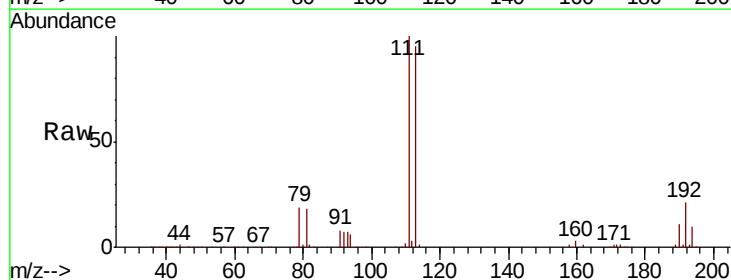


Time--> 6.70 6.80 6.90 7.00

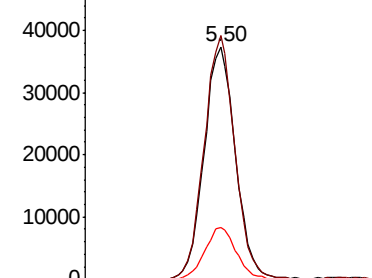


#35
Dibromofluoromethane
Concen: 49.574 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

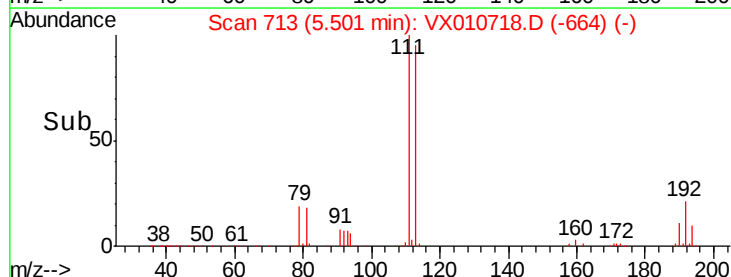
Tgt Ion:113 Resp: 106004
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 22.3 18.6 27.8

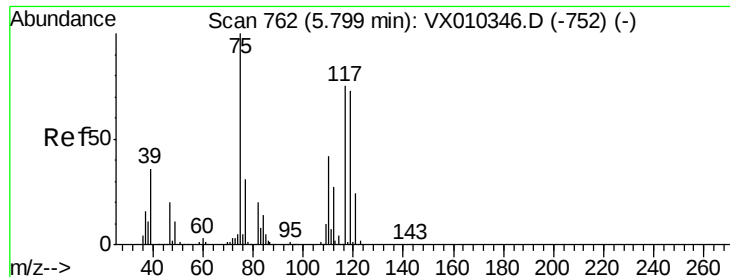


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60





#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-190704

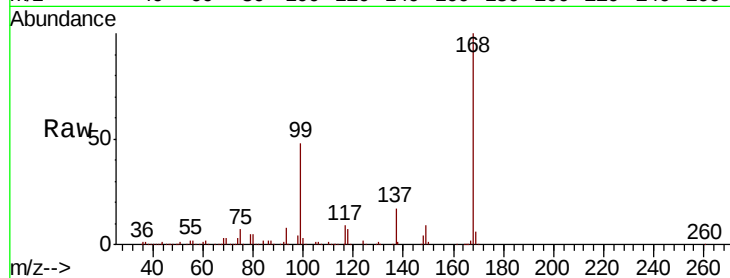
Tot Ion: 75 Resp: 14298

Ion Ratio Lower Upper

75 100

110 11.1 20.8 62.2#

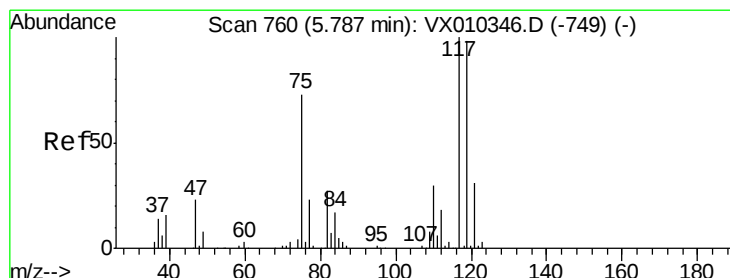
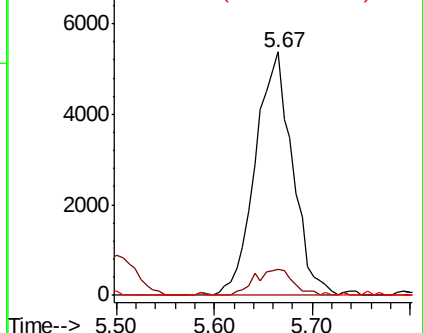
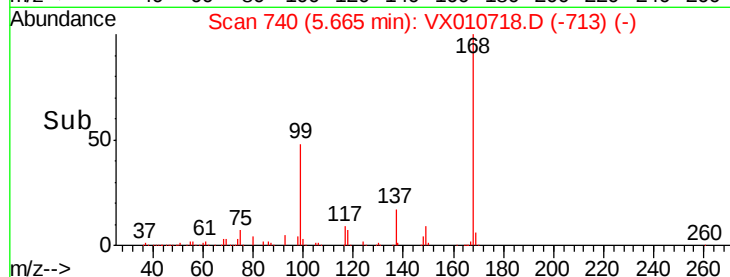
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX010718.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX010718.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX010718.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.814 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

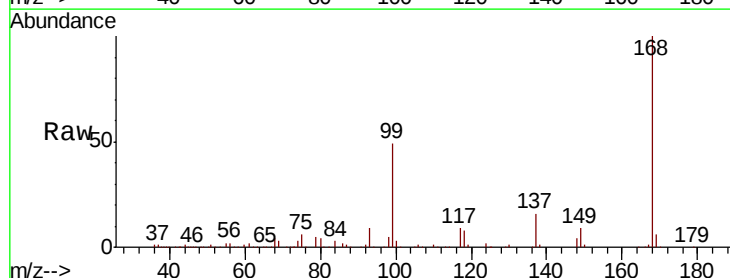
Tgt Ion: 117 Resp: 20492

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.4#

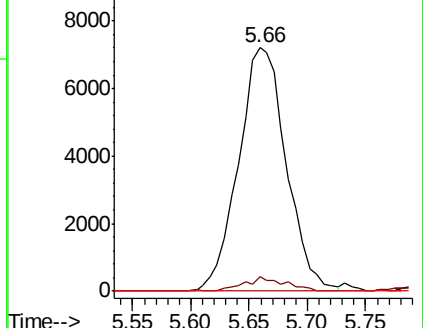
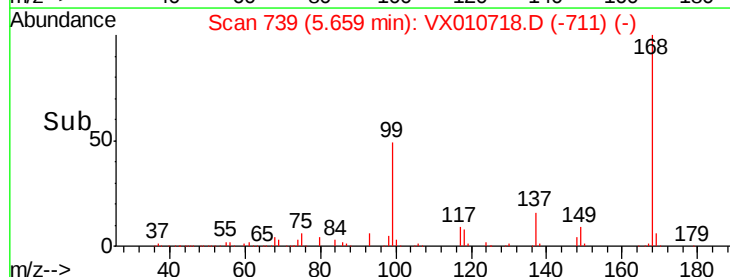
121 0.0 24.7 37.1#

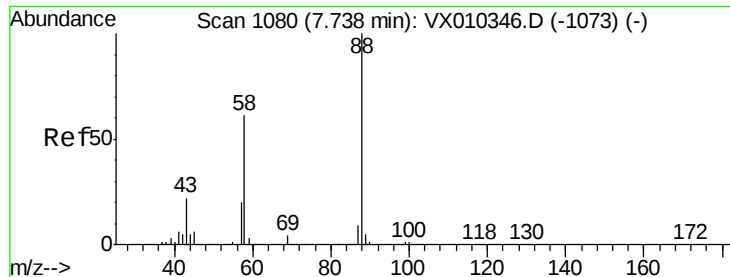


Abundance Ion 116.80 (116.50 to 117.50): VX010718.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX010718.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX010718.D (-711) (-)

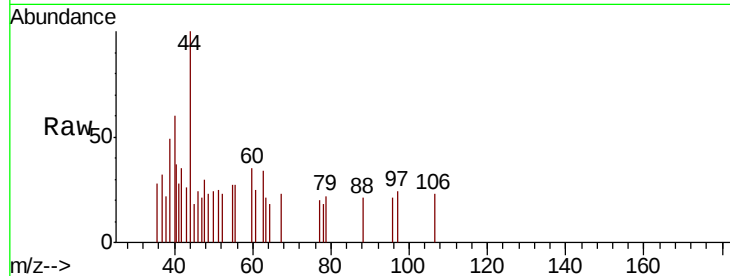




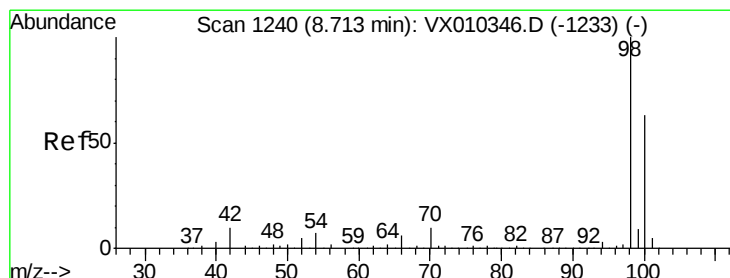
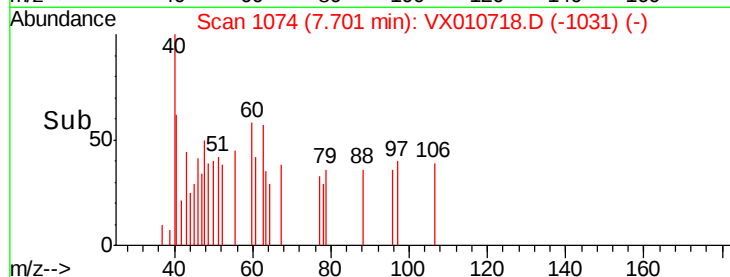
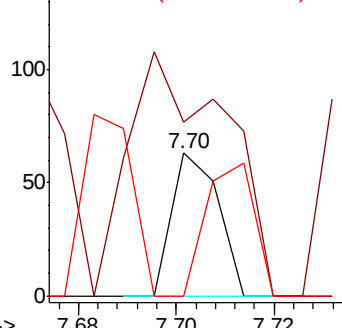
#49
1,4-Dioxane
Concen: 0.664 ug/l
RT: 7.70 min Scan# 1074
Delta R.T. -0.04 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-190704

Tot Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 352.4 20.2 30.2#
58 133.3 49.5 74.3#

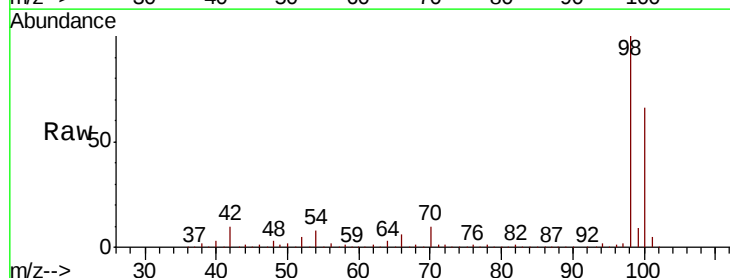


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

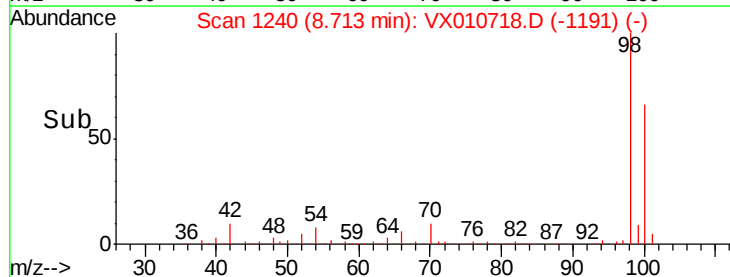
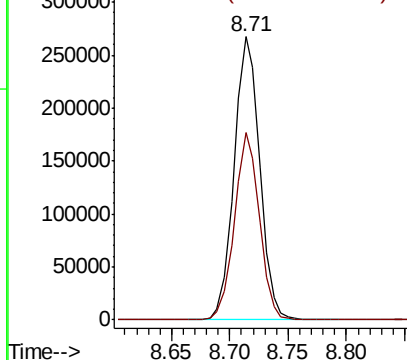


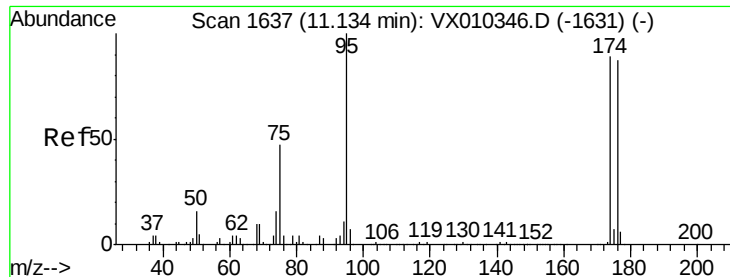
#50
Toluene-d8
Concen: 50.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Tgt Ion: 98 Resp: 409767
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

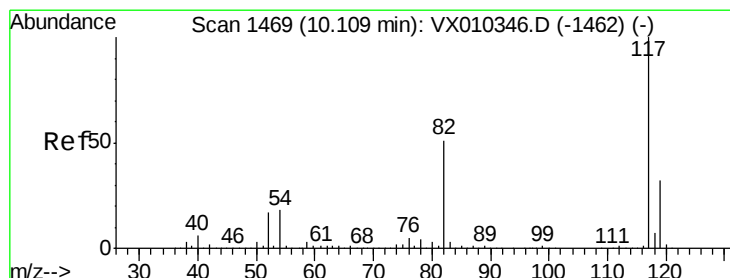
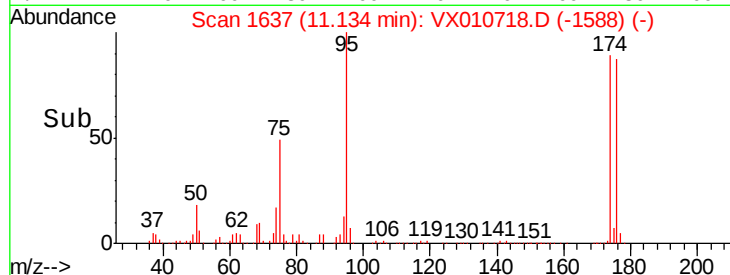
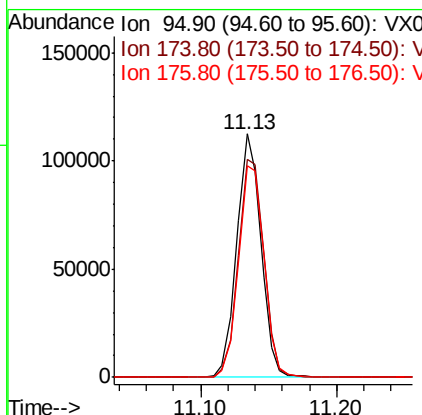
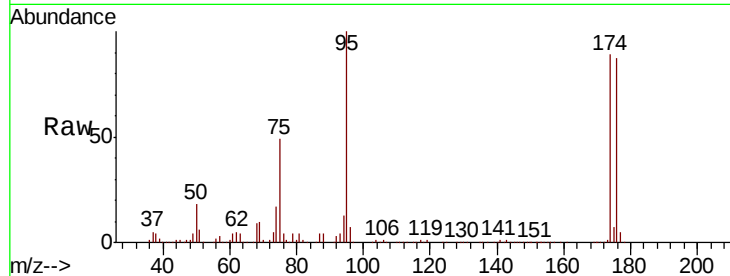




#62
4-Bromofluorobenzene
Concen: 47.072 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

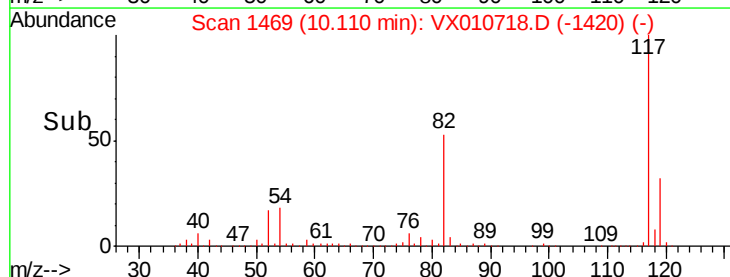
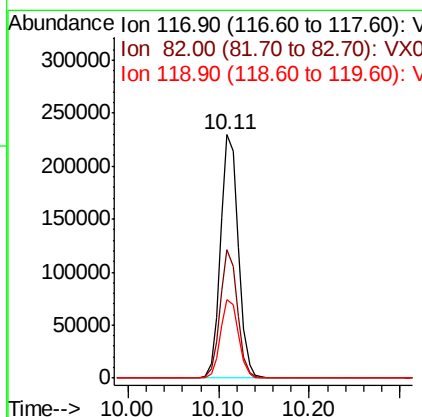
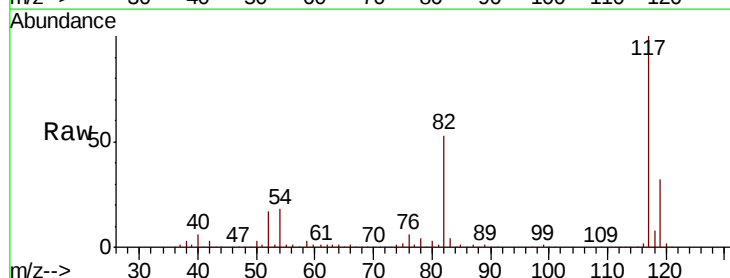
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-190704

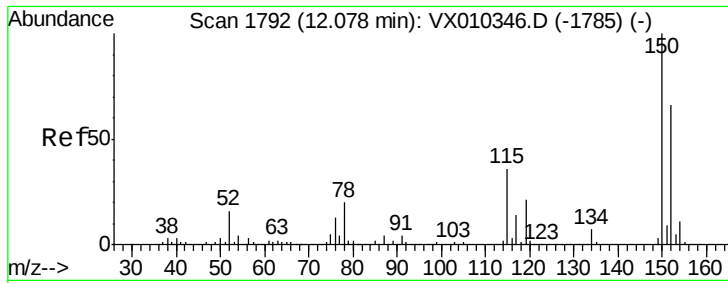
Tot Ion: 95 Resp: 139024
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.6
176 91.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010718.D
Acq: 09 Jul 2019 00:46

Tgt Ion: 117 Resp: 315190
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010718.D

Acq: 09 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-190704

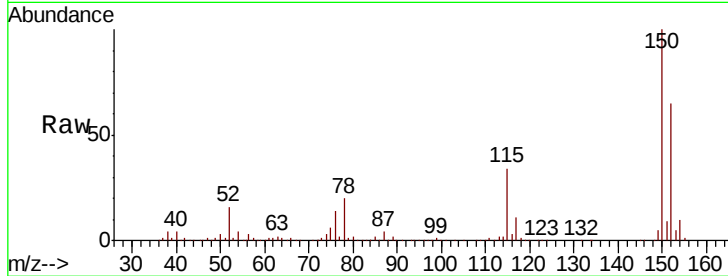
Tot Ion:152 Resp: 147221

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

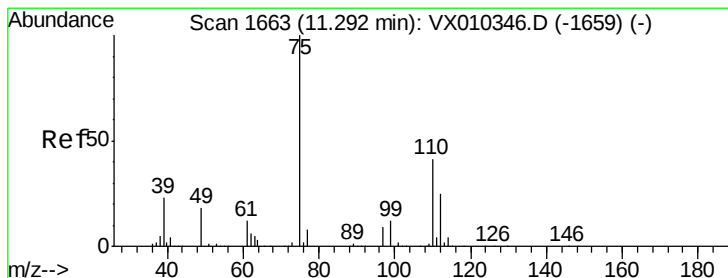
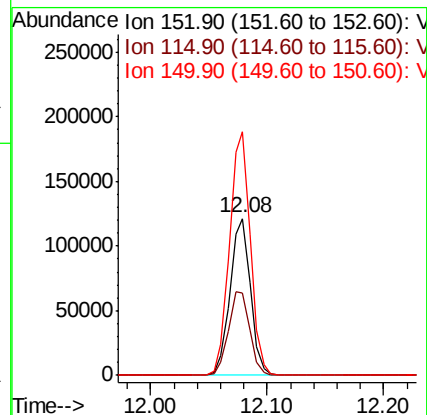
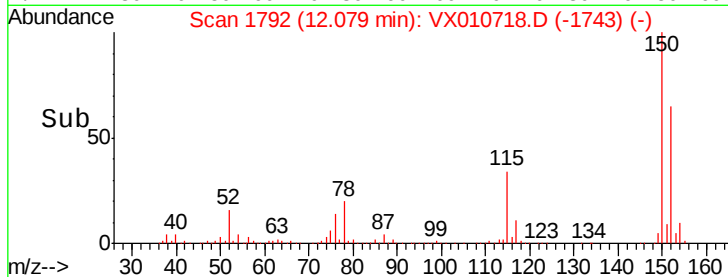
150 157.5 0.0 347.4



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: 25.046 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010718.D

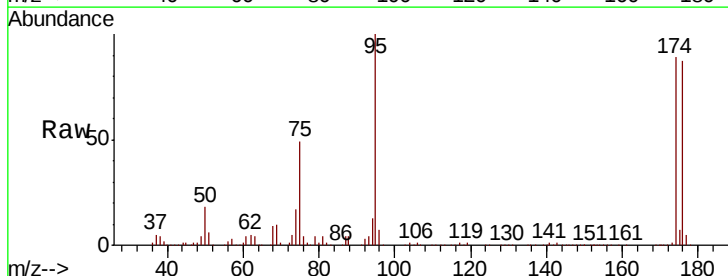
Acq: 09 Jul 2019 00:46

Tgt Ion: 75 Resp: 67192

Ion Ratio Lower Upper

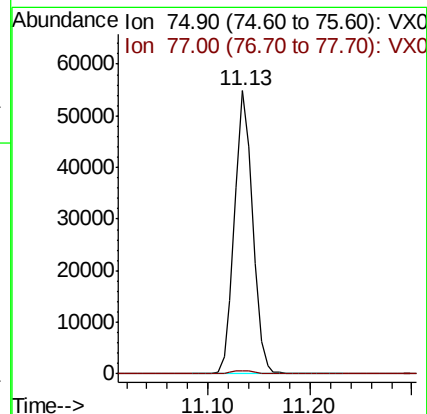
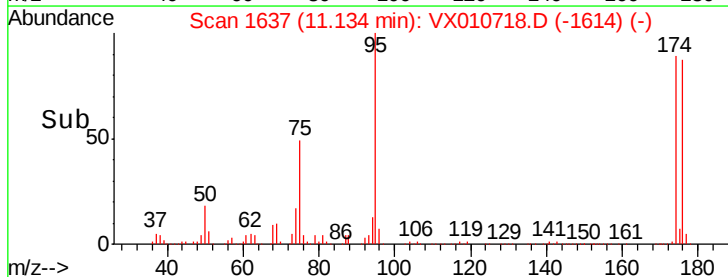
75 100

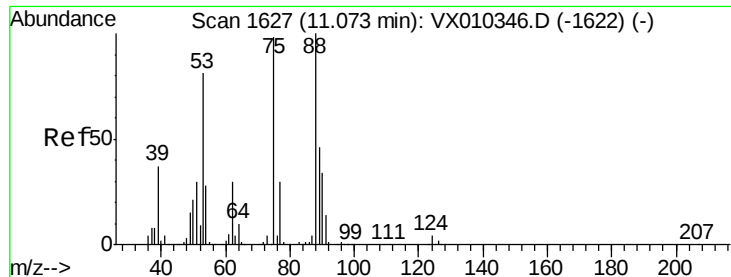
77 1.3 22.6 67.8#



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: 58.429 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010718.D
 Acq: 09 Jul 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-190704

Tot Ion: 75 Resp: 67192
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

