

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008662.D
 Acq On : 05 Apr 2019 02:12
 Operator : JC/SP
 Sample : K2274-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Quant Time: Apr 05 07:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133853	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	151309	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	5.50	113	110830	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	463181	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	155982	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	164	Below Cal	#	42
4) Vinyl Chloride	1.40	62	47106	13.678	ug/l	95
5) Bromomethane	1.65	94	324	2.069	ug/l #	32
6) Chloroethane	1.96	64	282	Below Cal	#	43
10) Methyl Iodide	2.51	142	59	4.027	ug/l #	42
11) Tert butyl alcohol	3.02	59	988	1.307	ug/l #	72
13) Acrolein	2.39	56	7158	19.101	ug/l #	76
14) Allyl chloride	2.84	41	67367	11.501	ug/l #	68
16) Acetone	2.39	43	23038	12.391	ug/l #	54
17) Carbon Disulfide	2.57	76	943	Below Cal	#	78
18) Methyl Acetate	2.84	43	179391	39.782	ug/l #	56
21) trans-1,2-Dichloroethene	3.17	96	965	0.349	ug/l #	70
25) 2-Butanone	4.55	43	13199	4.491	ug/l #	53
27) cis-1,2-Dichloroethene	4.60	96	29701	9.334	ug/l	89
28) Bromochloromethane	5.01	49	128	Below Cal	#	22
31) Cyclohexane	5.66	56	3278	0.588	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18050	4.539	ug/l #	51
38) Carbon Tetrachloride	5.66	117	21504	6.533	ug/l #	18
39) Methylcyclohexane	7.45	83	5492	1.118	ug/l #	44
43) Isopropyl Acetate	6.35	43	255340	30.707	ug/l #	63
44) Trichloroethene	7.22	130	3713	1.346	ug/l	95
48) Methyl methacrylate	7.68	41	8245	1.960	ug/l #	36
51) 4-Methyl-2-Pentanone	8.68	43	12577	2.350	ug/l #	76
55) 1,1,2-Trichloroethane	9.16	97	784	0.280	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.18	63	1339	0.517	ug/l #	52
59) 2-Hexanone	9.30	43	4827	1.160	ug/l	77
60) Dibromochloromethane	9.34	129	8270	3.130	ug/l #	11
64) Tetrachloroethene	9.34	164	8513	3.670	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	79047	21.497	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	79047	59.258	ug/l #	9
83) tert-Butylbenzene	11.77	119	3174	0.354	ug/l	81
86) p-Isopropyltoluene	12.23	119	8937	0.936	ug/l	95

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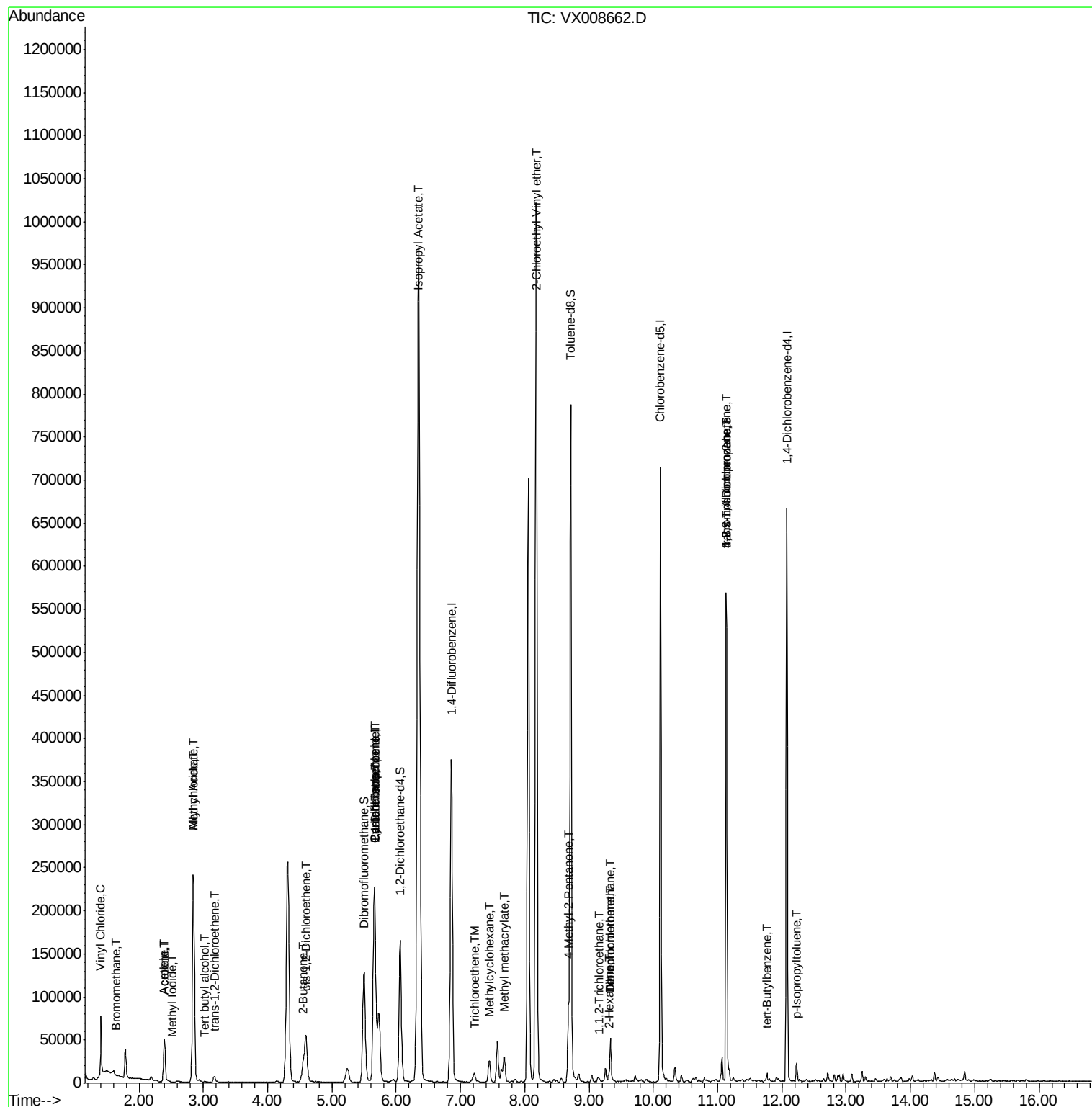
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

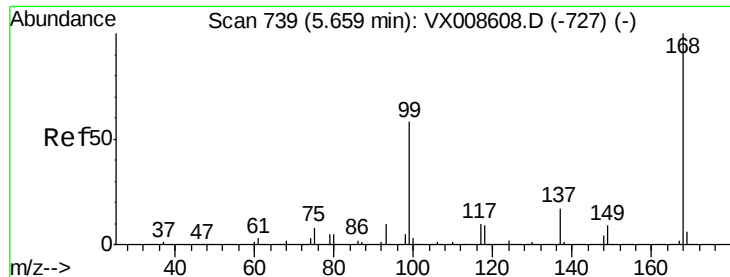
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

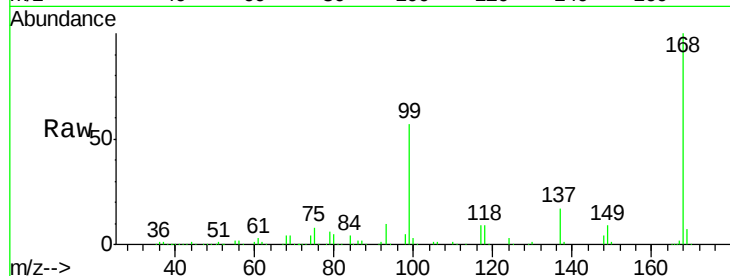
SS037MW012-190402

Tgt Ion:168 Resp: 221325

Ion Ratio Lower Upper

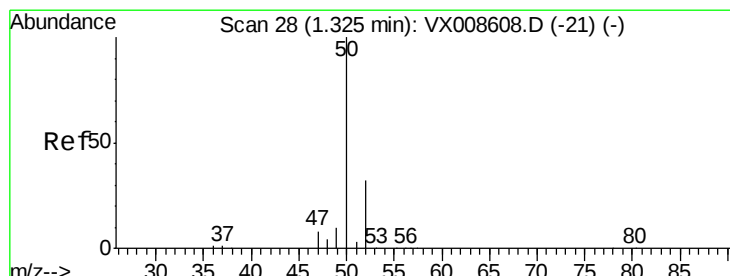
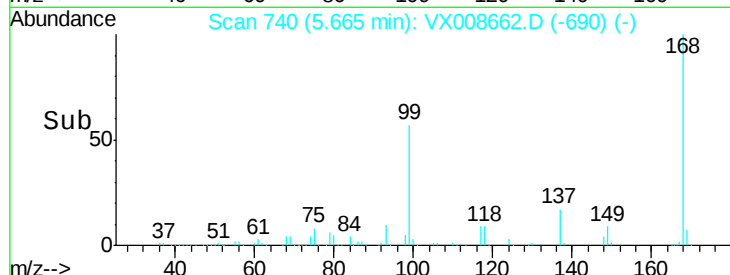
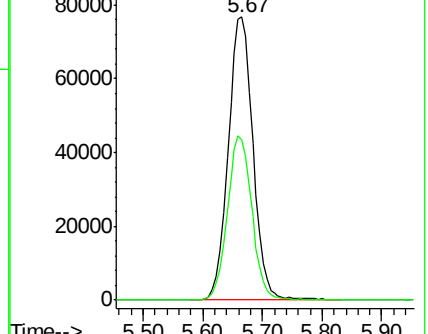
168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008662.D

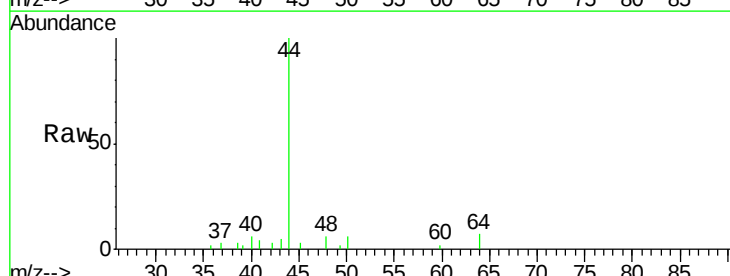
Acq: 05 Apr 2019 02:12

Tgt Ion: 50 Resp: 164

Ion Ratio Lower Upper

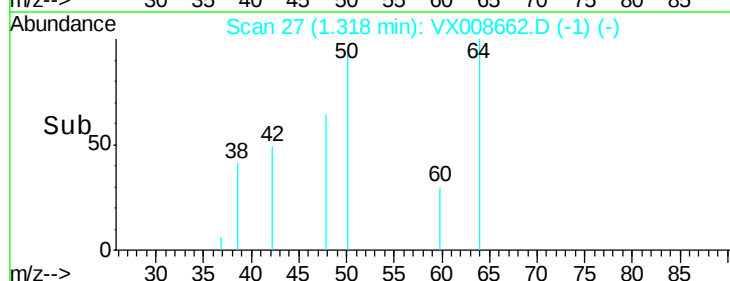
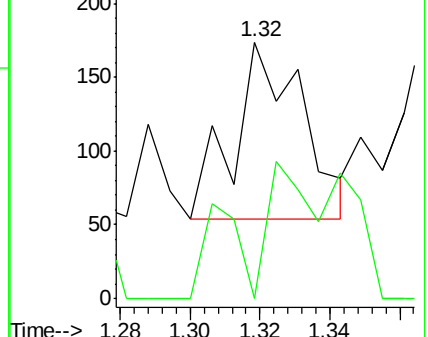
50 100

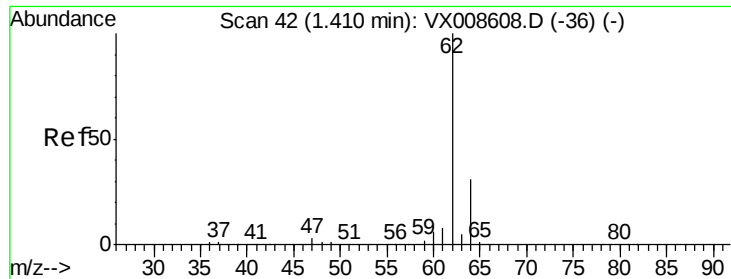
52 0.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 13.678 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

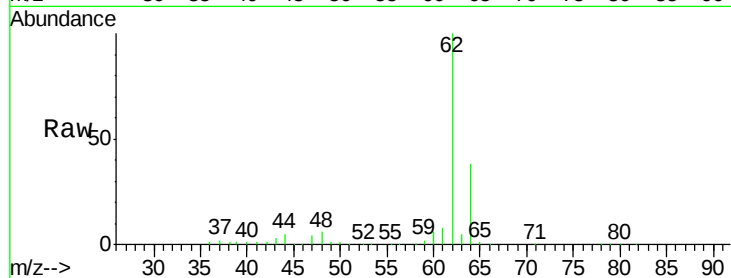
SS037MW012-190402

Tgt Ion: 62 Resp: 47106

Ion Ratio Lower Upper

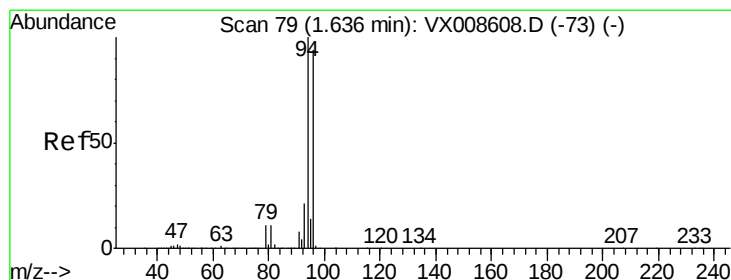
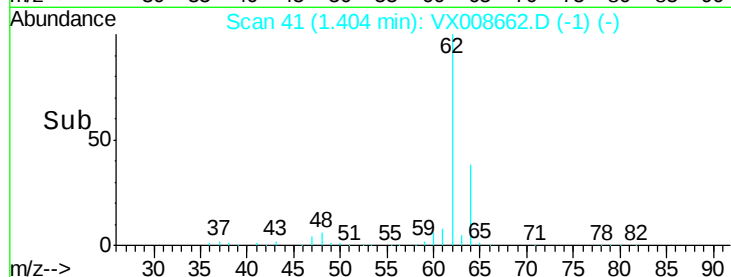
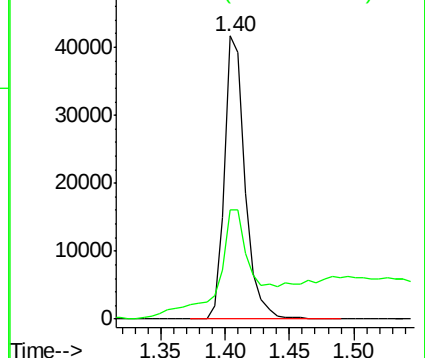
62 100

64 33.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 2.069 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008662.D

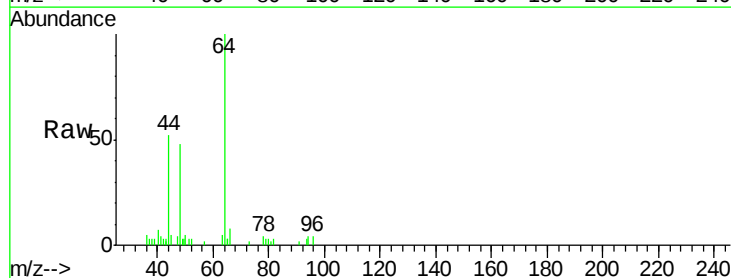
Acq: 05 Apr 2019 02:12

Tgt Ion: 94 Resp: 324

Ion Ratio Lower Upper

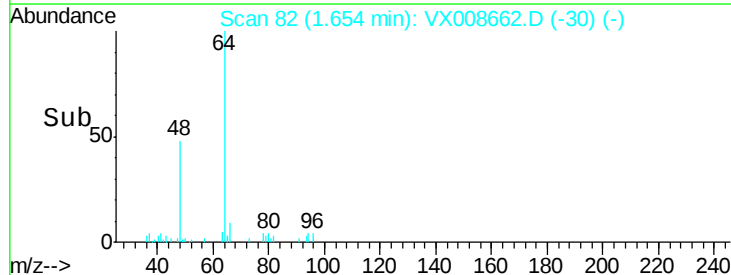
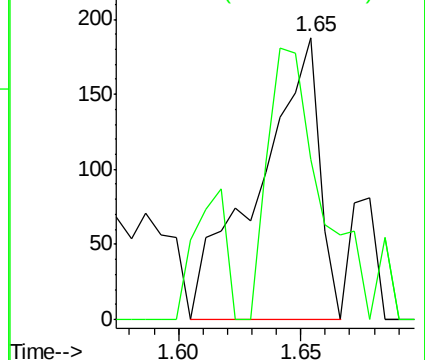
94 100

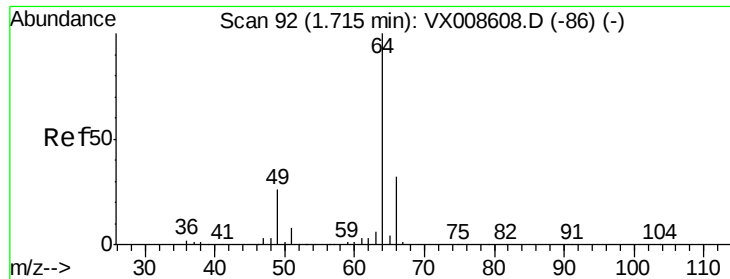
96 28.7 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.96 min Scan# 132

Delta R.T. 0.24 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

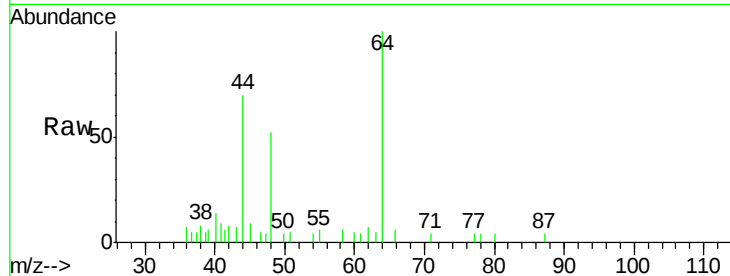
SS037MW012-190402

Tgt Ion: 64 Resp: 282

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX008662.D (-43) (-)

Ion 65.90 (65.60 to 66.60): VX008662.D (-43) (-)

1.96

1500

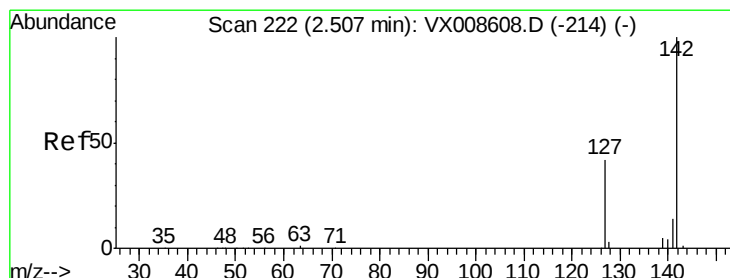
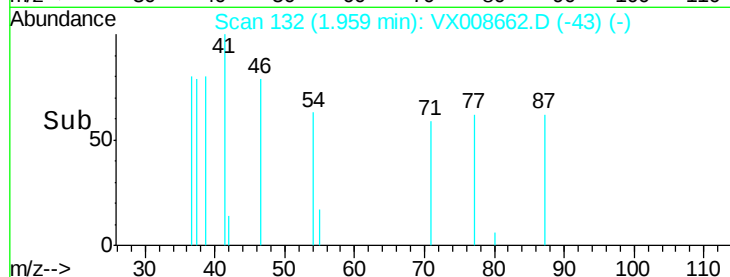
1000

500

0

1.94 1.96 1.98

Time-->



#10

Methyl Iodide

Concen: 4.027 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

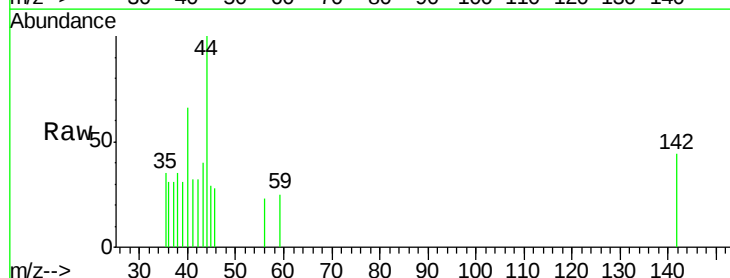
Tgt Ion: 142 Resp: 59

Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): VX008662.D (-173) (-)

Ion 126.80 (126.50 to 127.50): VX008662.D (-173) (-)

Ion 140.80 (140.50 to 141.50): VX008662.D (-173) (-)

2.51

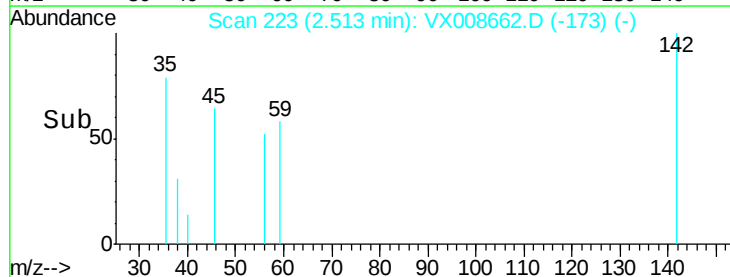
100

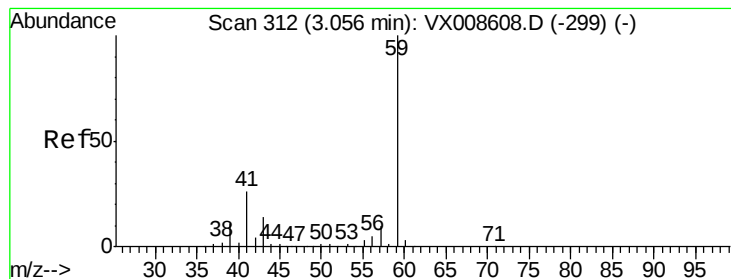
50

0

2.50 2.52 2.54

Time-->





#11

Tert butyl alcohol

Concen: 1.307 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.04 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

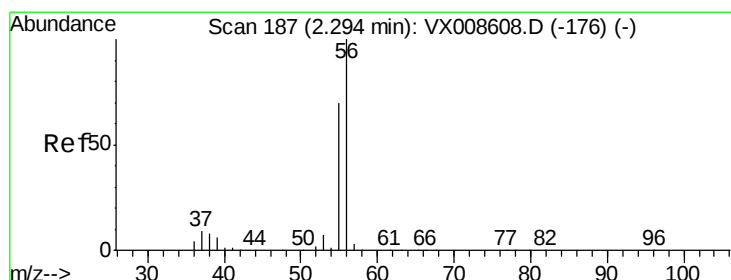
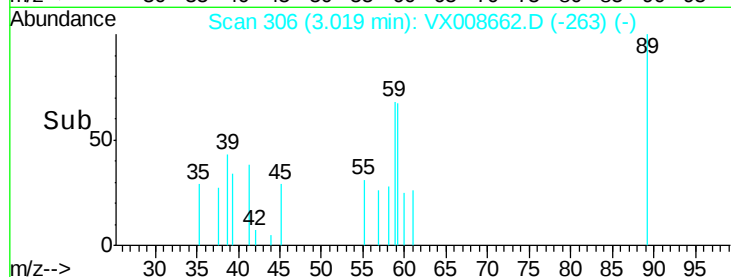
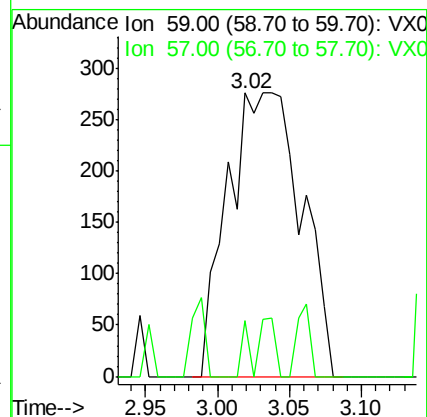
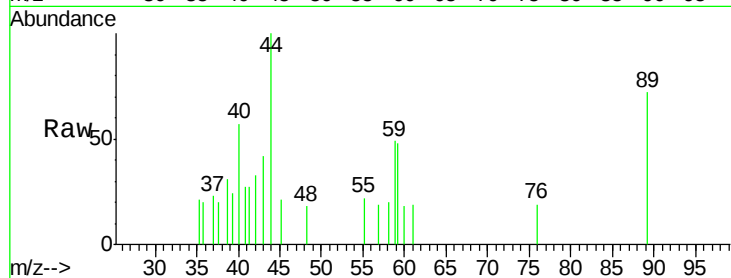
SS037MW012-190402

Tgt Ion: 59 Resp: 988

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 19.101 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX008662.D

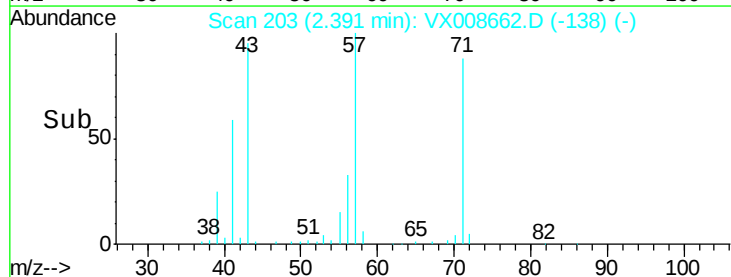
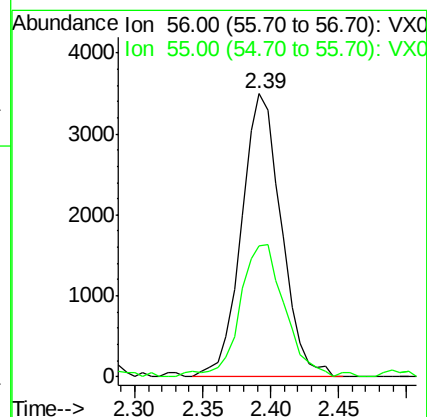
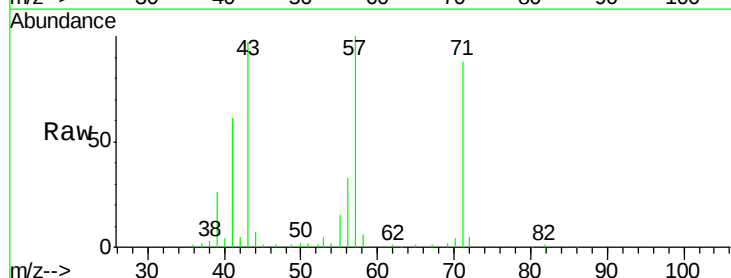
Acq: 05 Apr 2019 02:12

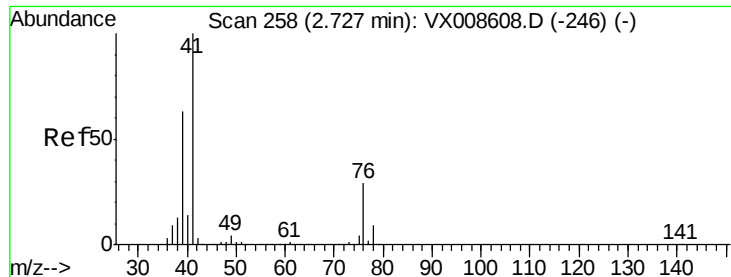
Tgt Ion: 56 Resp: 7158

Ion Ratio Lower Upper

56 100

55 52.5 58.0 87.0#





#14

Allyl chloride

Concen: 11.501 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

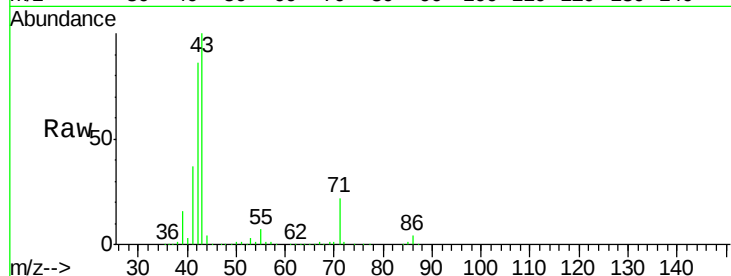
Tgt Ion: 41 Resp: 67367

Ion Ratio Lower Upper

41 100

39 43.3 48.0 72.0#

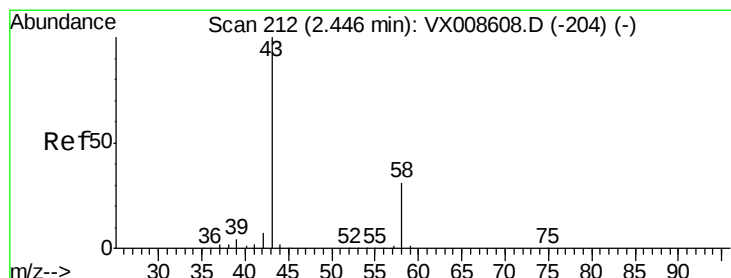
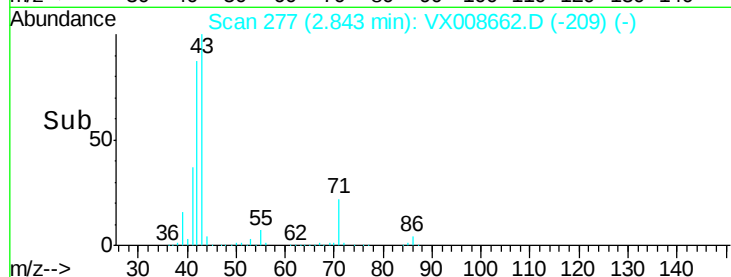
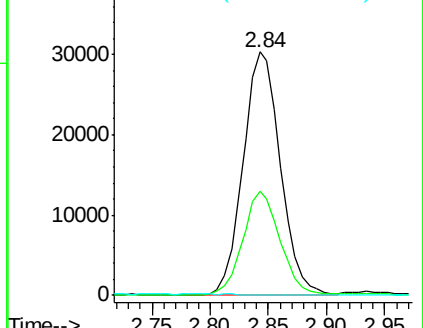
76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 12.391 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX008662.D

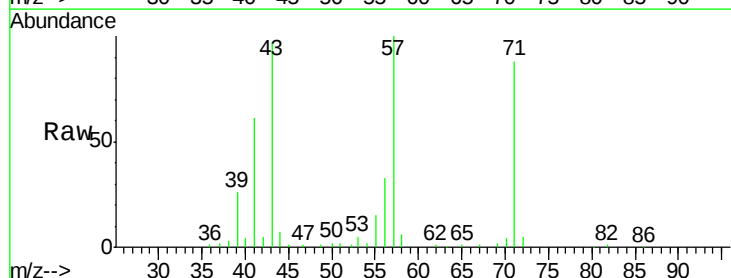
Acq: 05 Apr 2019 02:12

Tgt Ion: 43 Resp: 23038

Ion Ratio Lower Upper

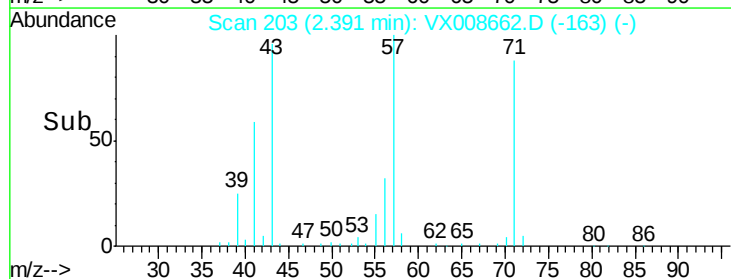
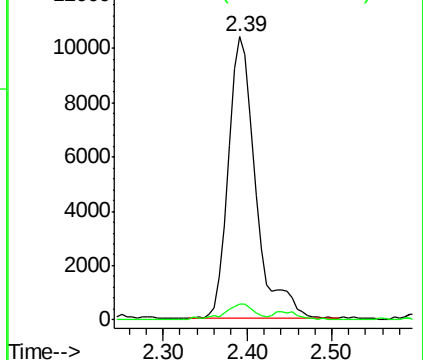
43 100

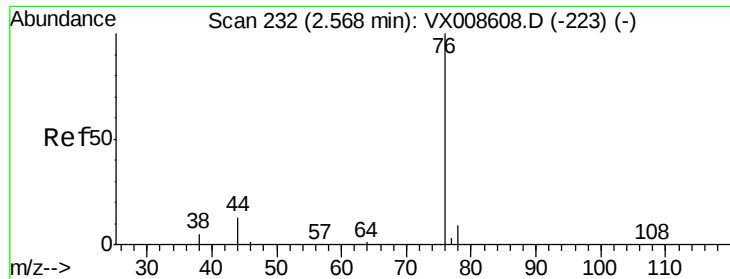
58 5.8 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

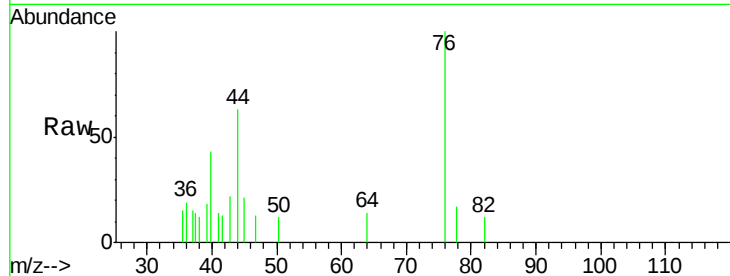
SS037MW012-190402

Tgt Ion: 76 Resp: 943

Ion Ratio Lower Upper

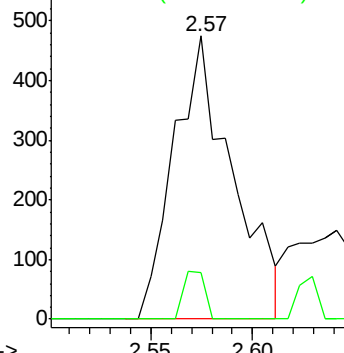
76 100

78 16.7 7.1 10.7#

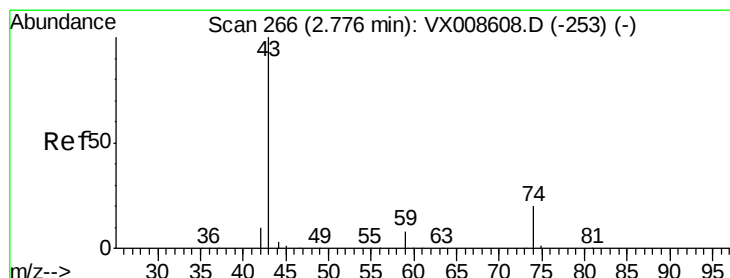
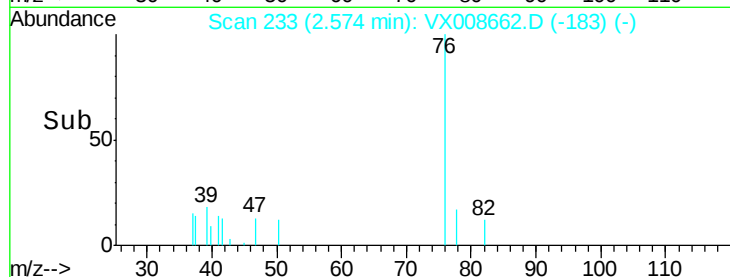


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 39.782 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX008662.D

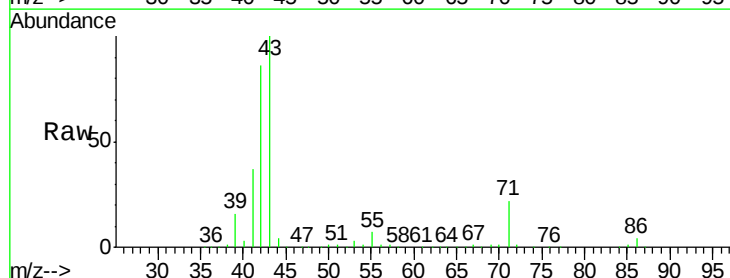
Acq: 05 Apr 2019 02:12

Tgt Ion: 43 Resp: 179391

Ion Ratio Lower Upper

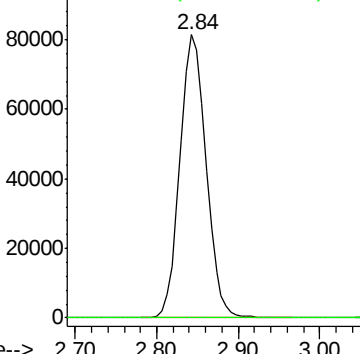
43 100

74 0.0 16.5 24.7#

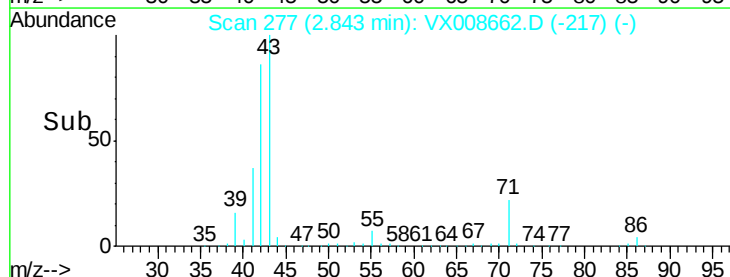


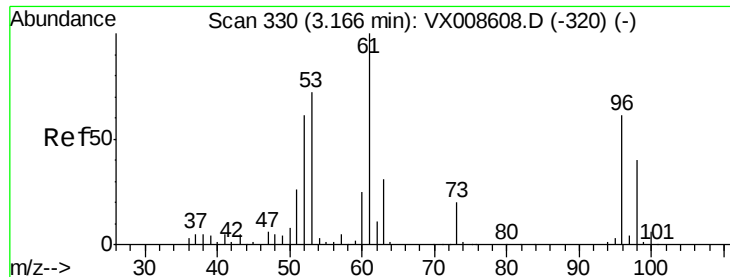
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.349 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

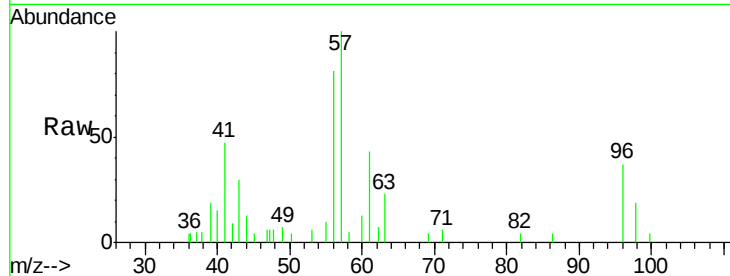
Tgt Ion: 96 Resp: 965

Ion Ratio Lower Upper

96 100

61 117.7 132.1 198.1#

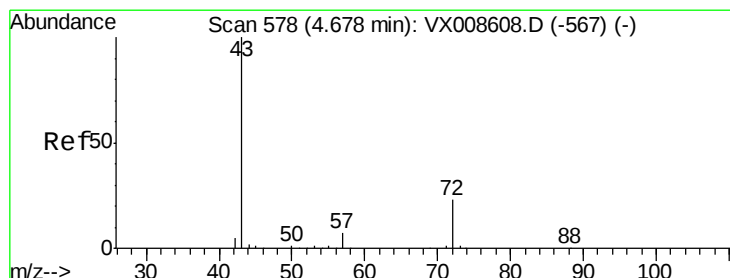
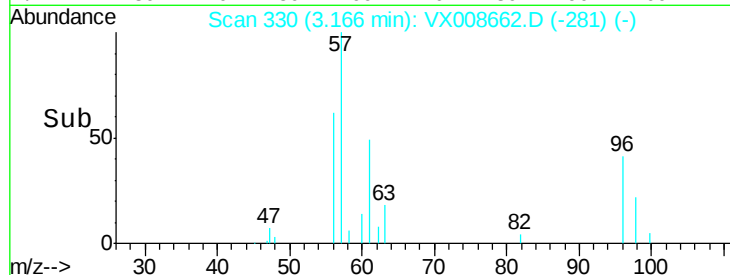
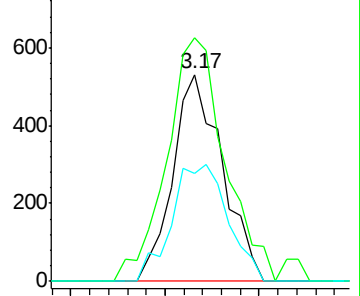
98 51.9 52.2 78.2#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 4.491 ug/l

RT: 4.55 min Scan# 557

Delta R.T. -0.13 min

Lab File: VX008662.D

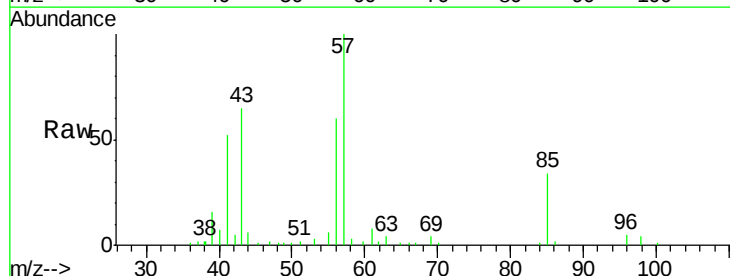
Acq: 05 Apr 2019 02:12

Tgt Ion: 43 Resp: 13199

Ion Ratio Lower Upper

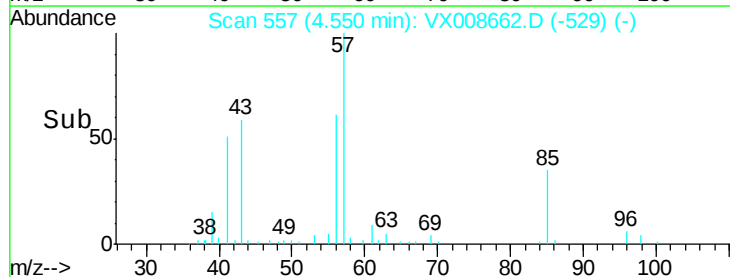
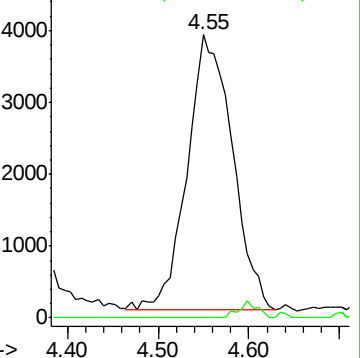
43 100

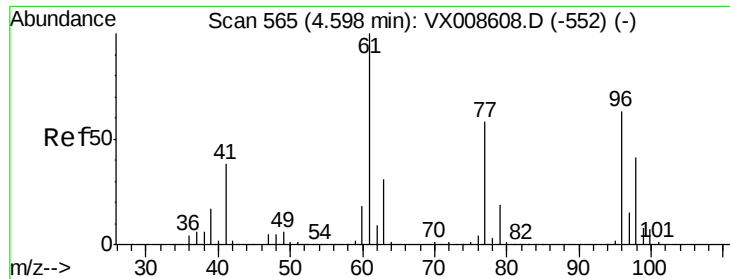
72 0.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



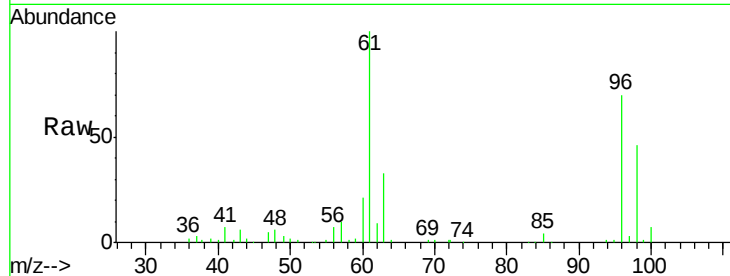


#27

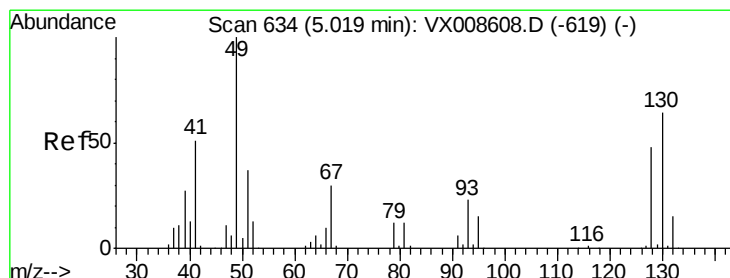
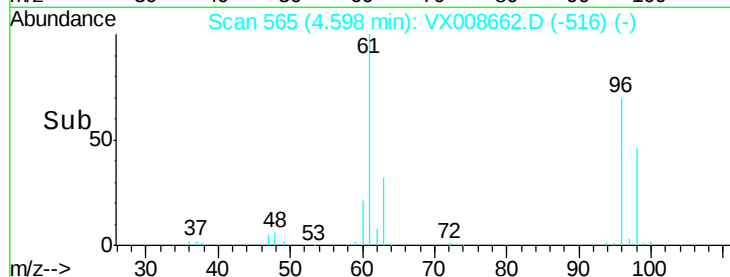
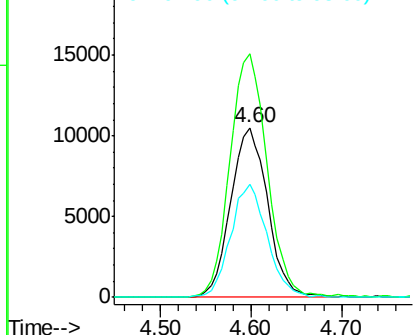
cis-1,2-Dichloroethene
Concen: 9.334 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

Tgt Ion: 96 Resp: 29701
Ion Ratio Lower Upper
96 100
61 144.3 0.0 327.6
98 66.0 0.0 128.6



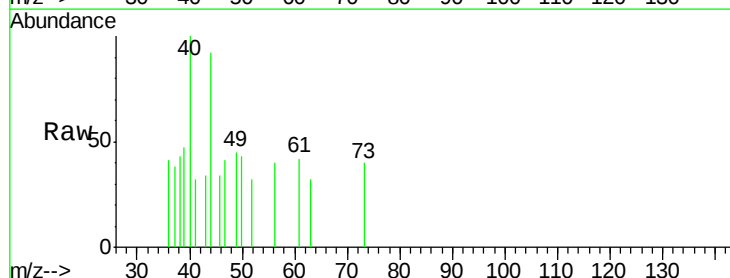
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



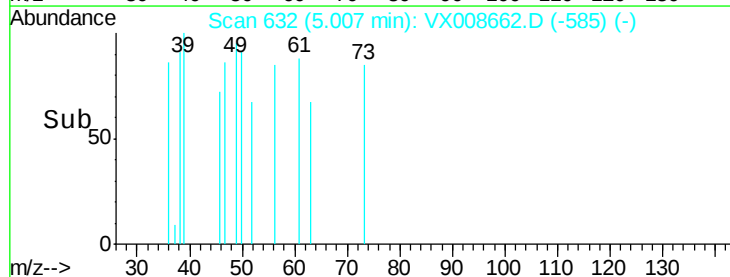
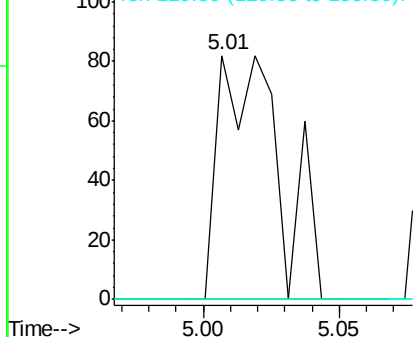
#28

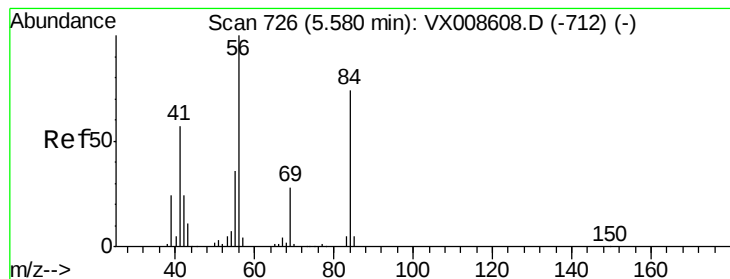
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion: 49 Resp: 128
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#31

Cyclohexane

Concen: 0.588 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

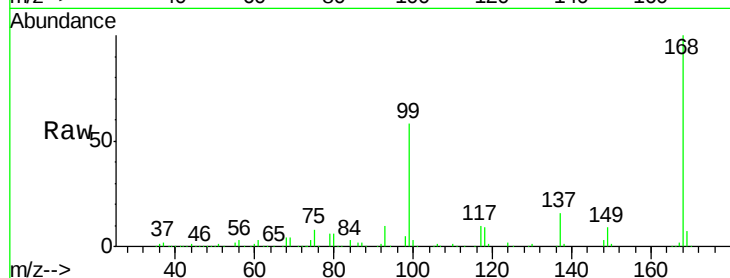
Tgt Ion: 56 Resp: 3278

Ion Ratio Lower Upper

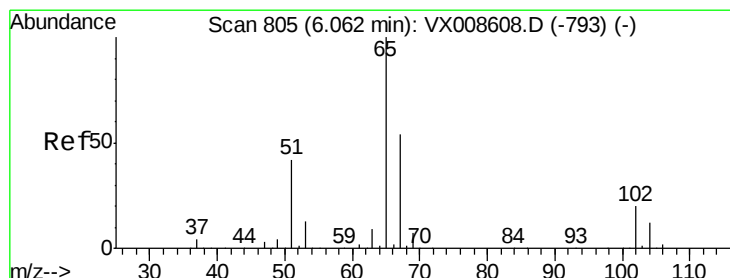
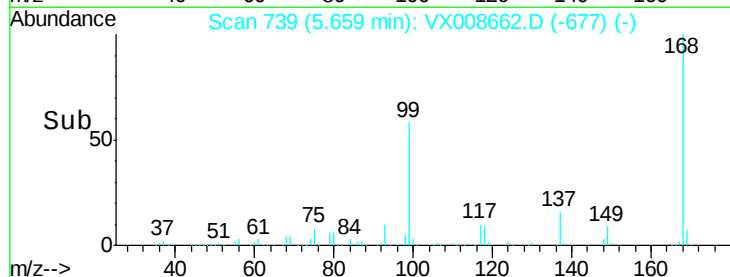
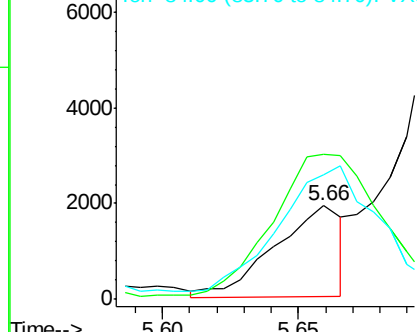
56 100

69 164.5 22.6 33.8#

84 136.0 59.3 88.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.872 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008662.D

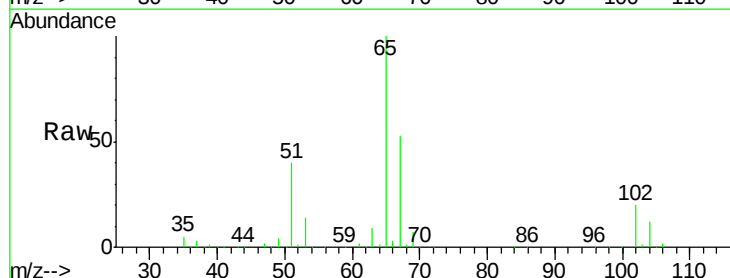
Acq: 05 Apr 2019 02:12

Tgt Ion: 65 Resp: 151309

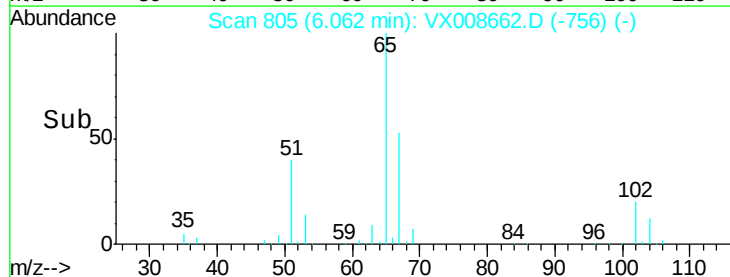
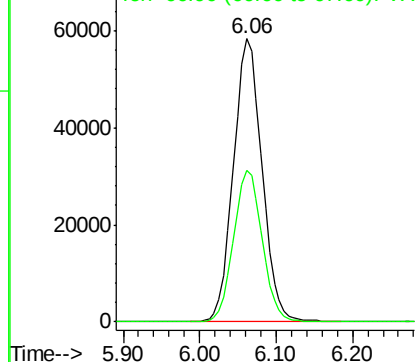
Ion Ratio Lower Upper

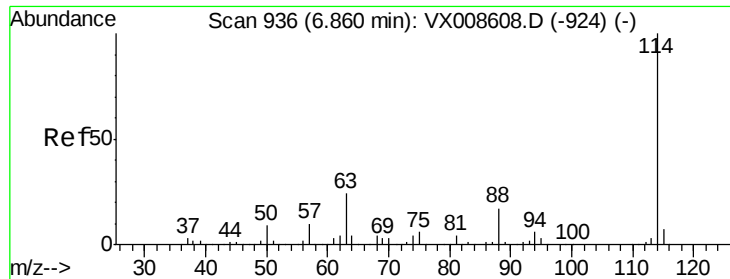
65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

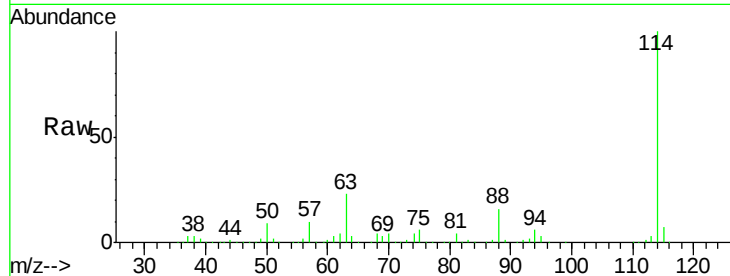




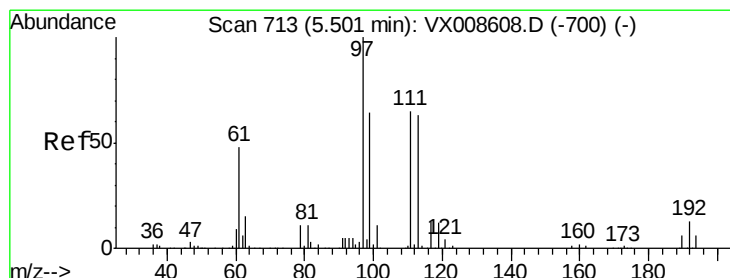
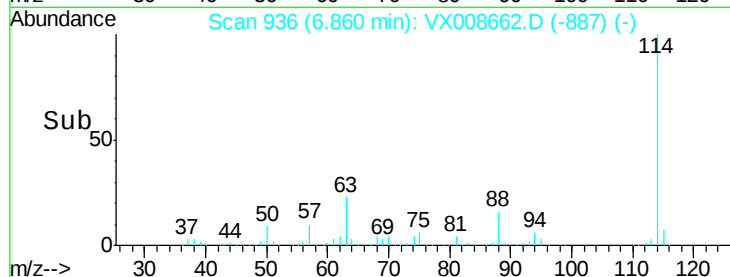
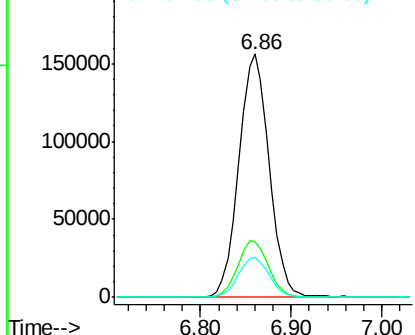
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Tgt Ion:114 Resp: 363816
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.3 0.0 34.0

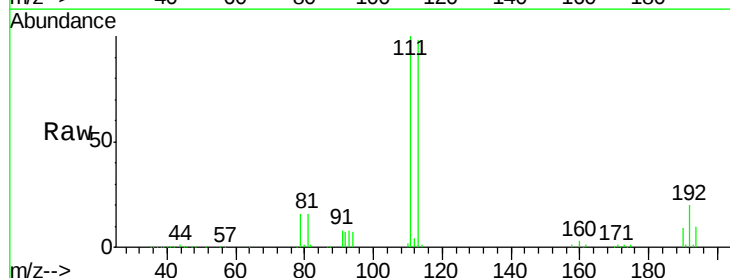


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

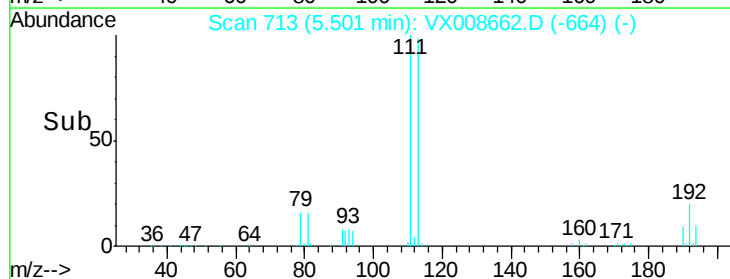
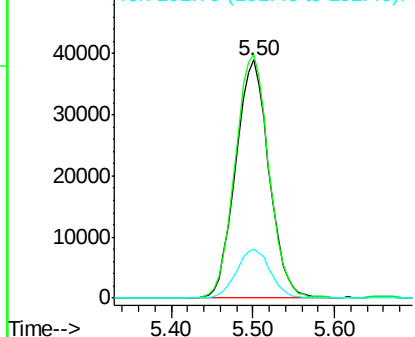


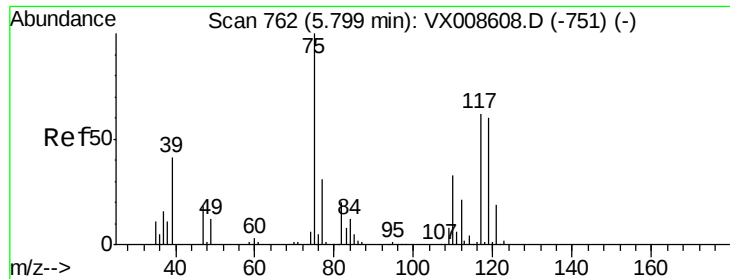
#35
 Dibromofluoromethane
 Concen: 47.646 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion:113 Resp: 110830
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 20.9 16.1 24.1



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

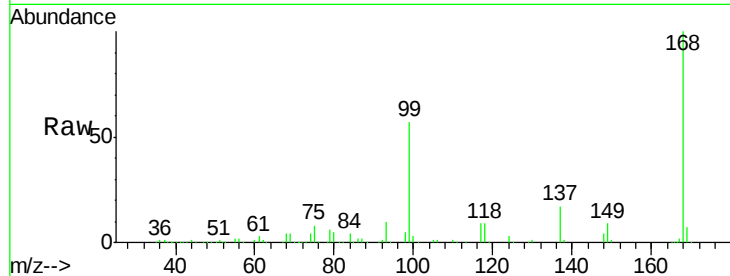




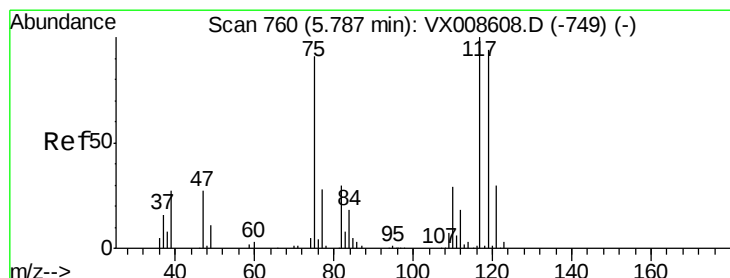
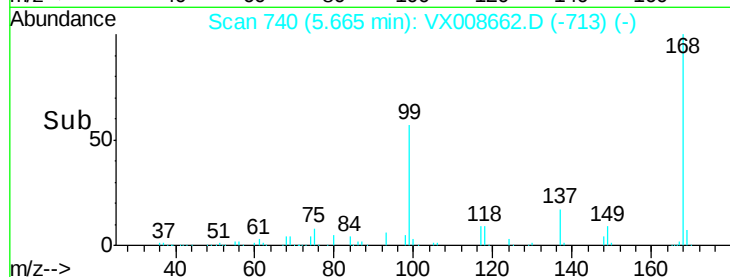
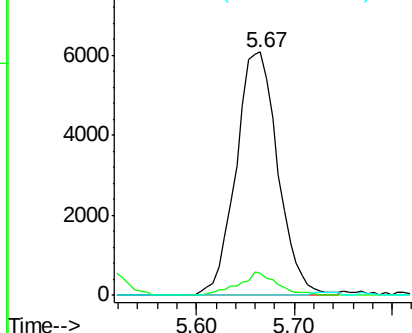
#36
 1,1-Dichloropropene
 Concen: 4.539 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Tgt Ion: 75 Resp: 18050
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.2#
 77 0.0 24.7 37.1#

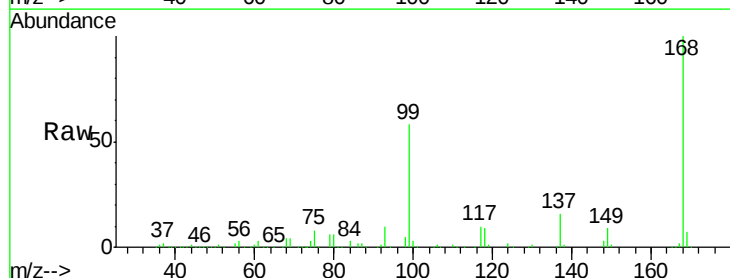


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

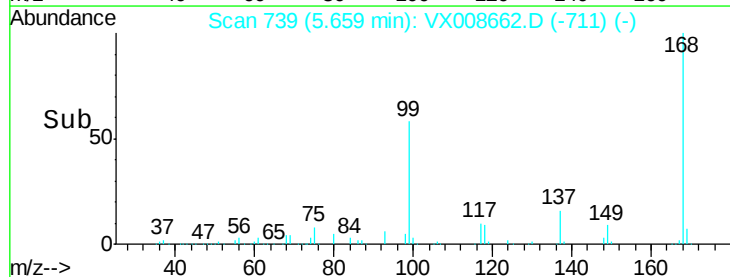
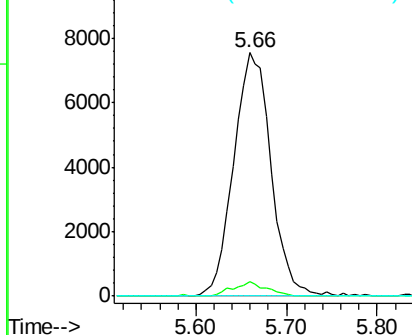


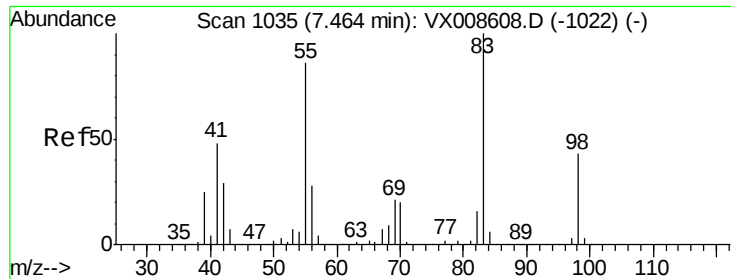
#38
 Carbon Tetrachloride
 Concen: 6.533 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion: 117 Resp: 21504
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.0 112.6#
 121 0.0 24.3 36.5#



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

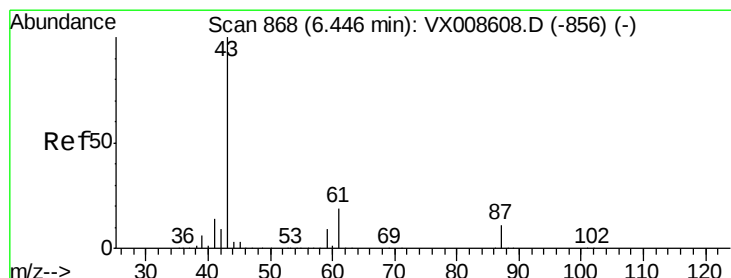
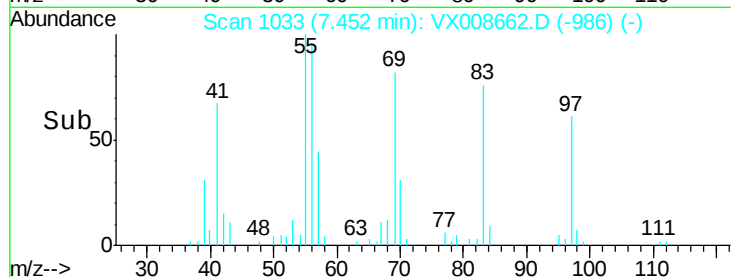
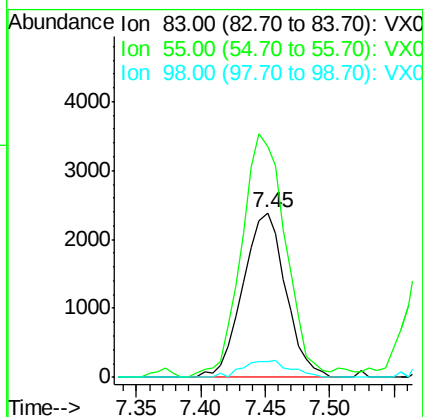
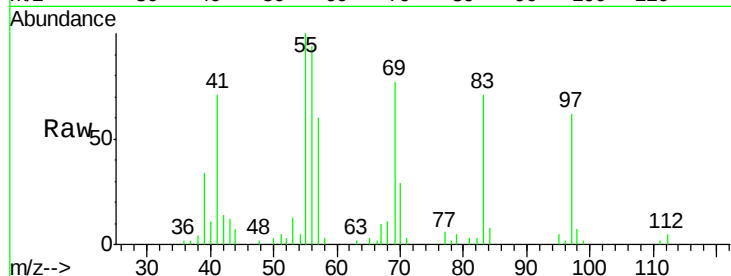




#39
Methylcyclohexane
Concen: 1.118 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

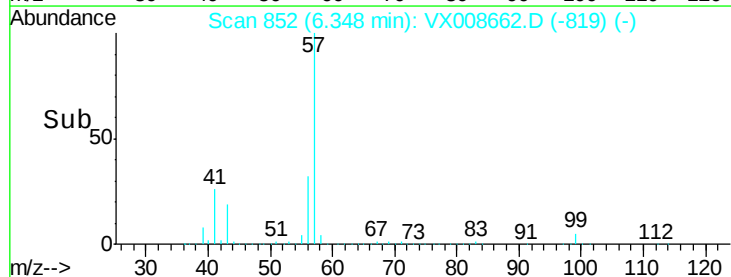
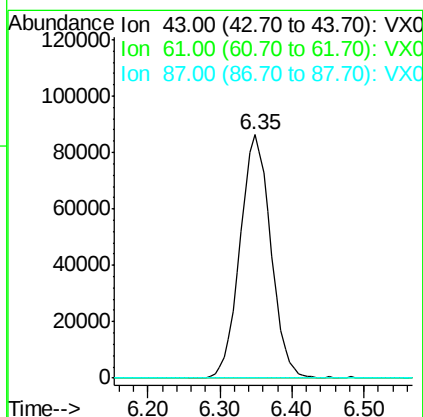
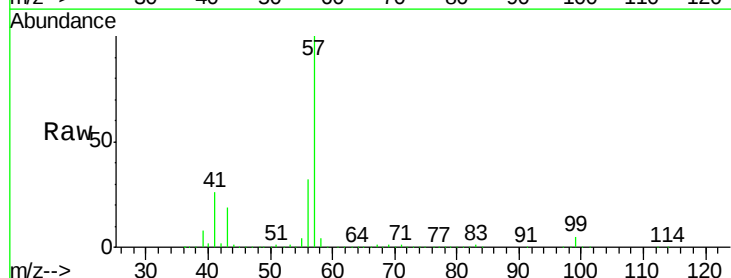
Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

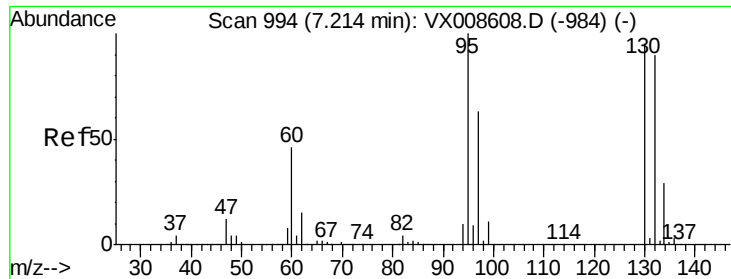
Tgt Ion: 83 Resp: 5492
Ion Ratio Lower Upper
83 100
55 140.1 69.0 103.6#
98 9.7 34.4 51.6#



#43
Isopropyl Acetate
Concen: 30.707 ug/l
RT: 6.35 min Scan# 852
Delta R.T. -0.10 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion: 43 Resp: 255340
Ion Ratio Lower Upper
43 100
61 0.1 15.3 22.9#
87 0.0 9.0 13.6#

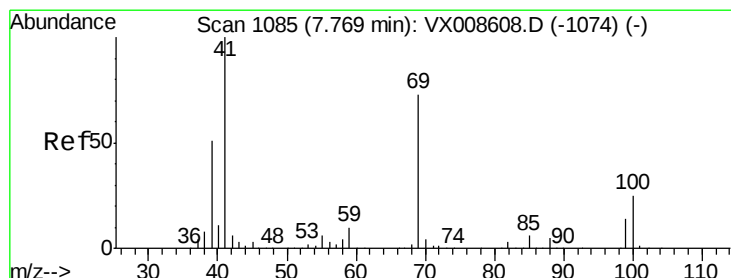
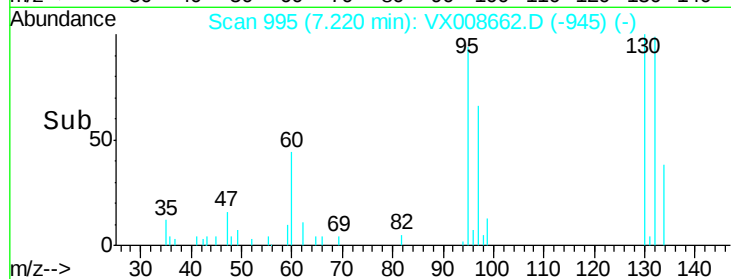
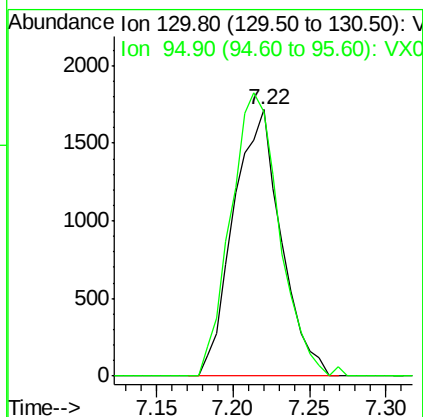
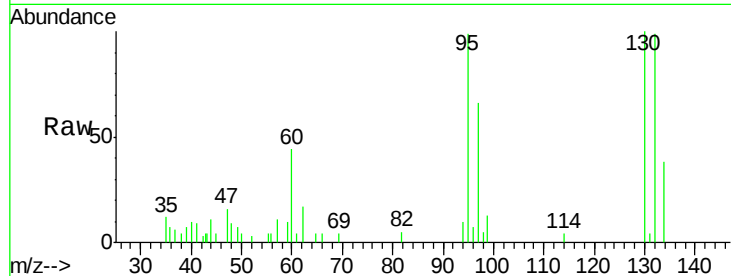




#44
 Trichloroethene
 Concen: 1.346 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

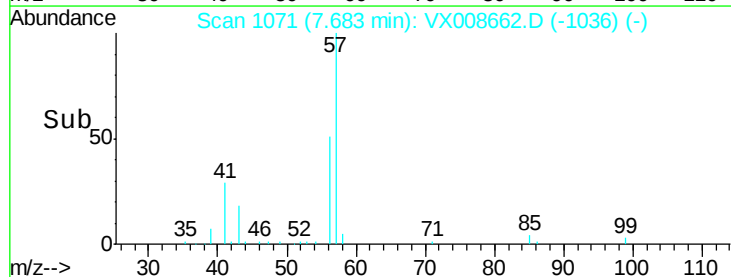
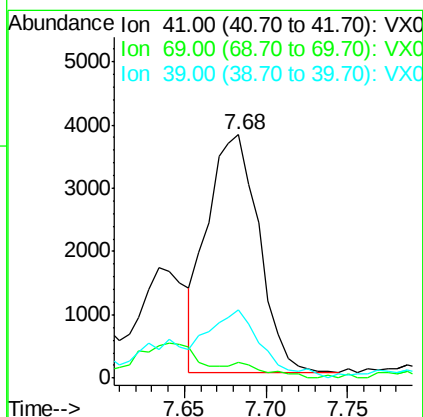
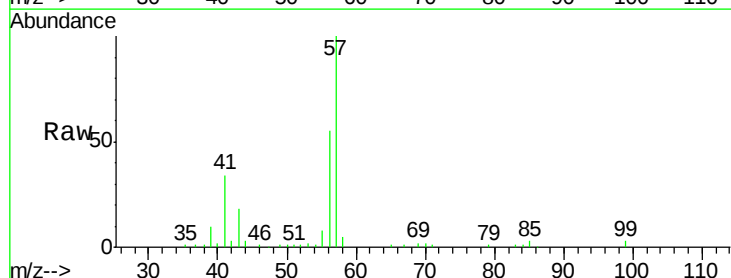
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

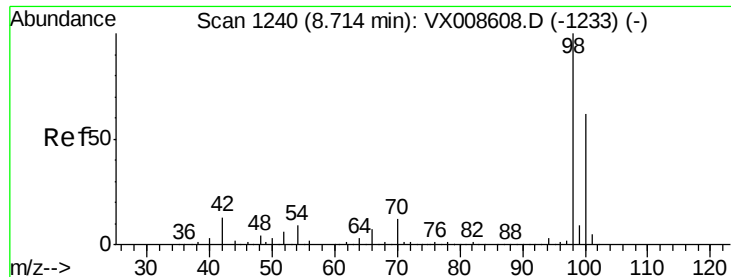
Tgt Ion: 130 Resp: 3713
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 209.8



#48
 Methyl methacrylate
 Concen: 1.960 ug/l
 RT: 7.68 min Scan# 1071
 Delta R.T. -0.09 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion: 41 Resp: 8245
 Ion Ratio Lower Upper
 41 100
 69 0.0 59.0 88.4#
 39 30.5 41.0 61.4#





#50

Toluene-d8

Concen: 50.009 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

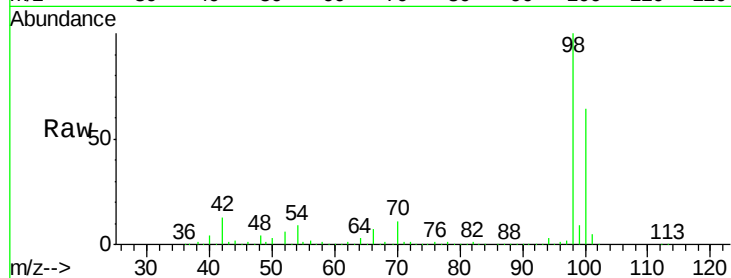
SS037MW012-190402

Tgt Ion: 98 Resp: 463181

Ion Ratio Lower Upper

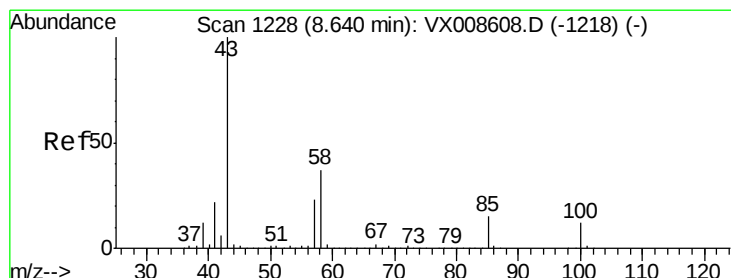
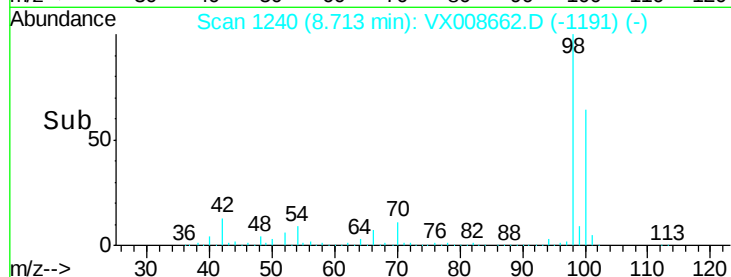
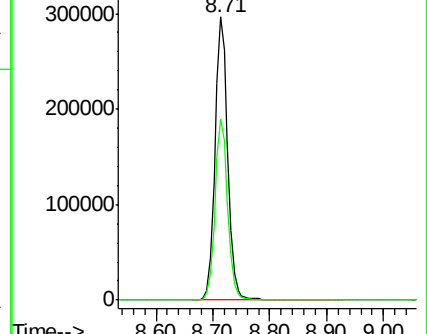
98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 2.350 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.04 min

Lab File: VX008662.D

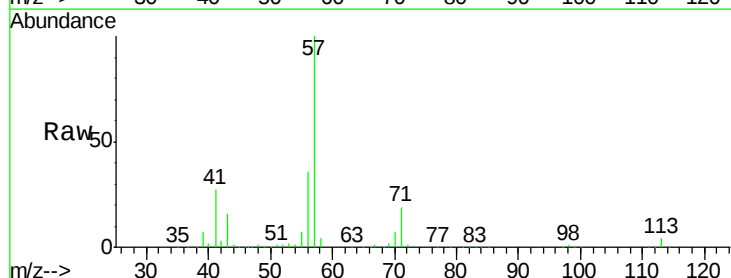
Acq: 05 Apr 2019 02:12

Tgt Ion: 43 Resp: 12577

Ion Ratio Lower Upper

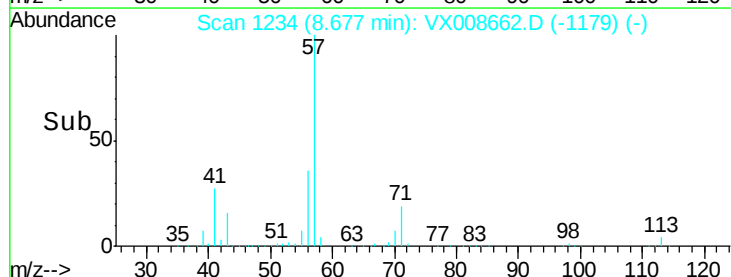
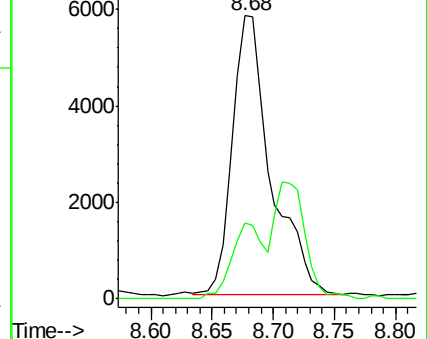
43 100

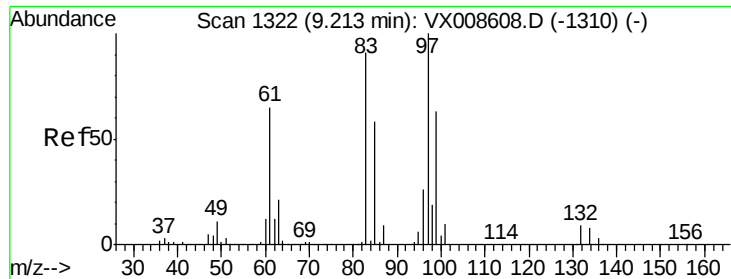
58 22.6 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

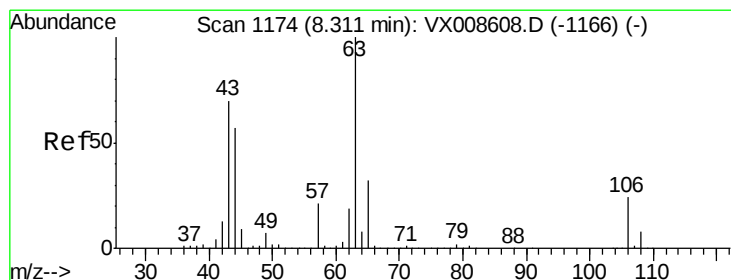
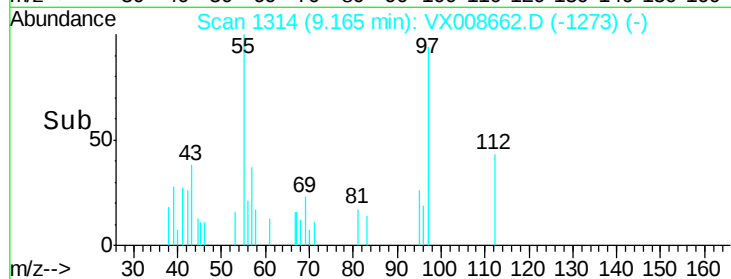
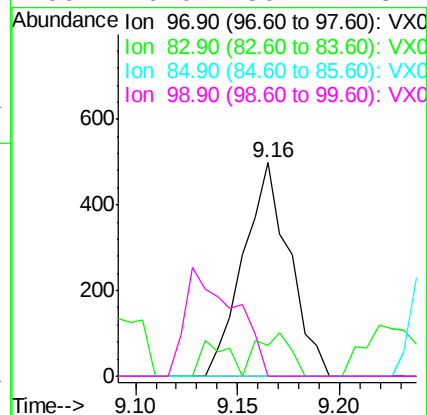
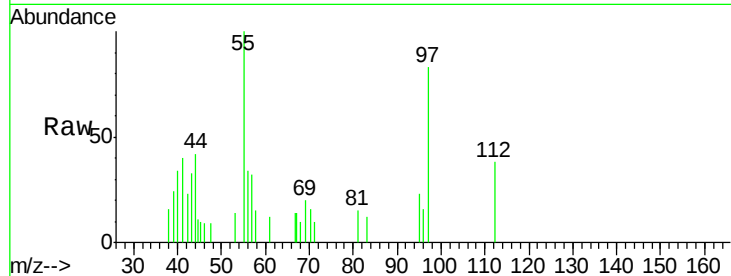




#55
 1,1,2-Trichloroethane
 Concen: 0.280 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

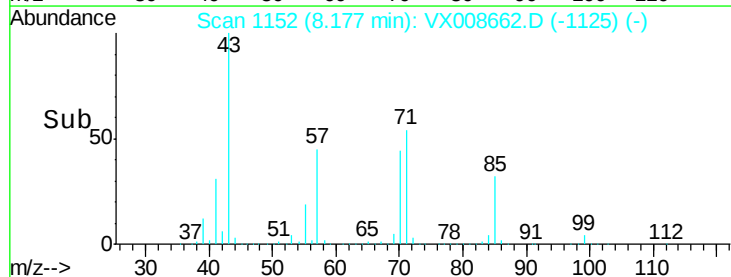
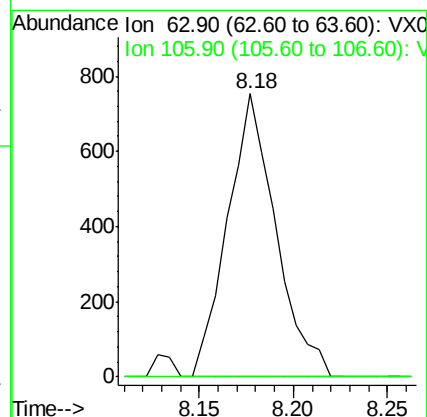
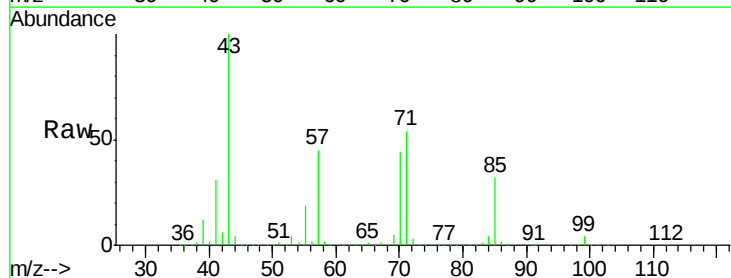
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

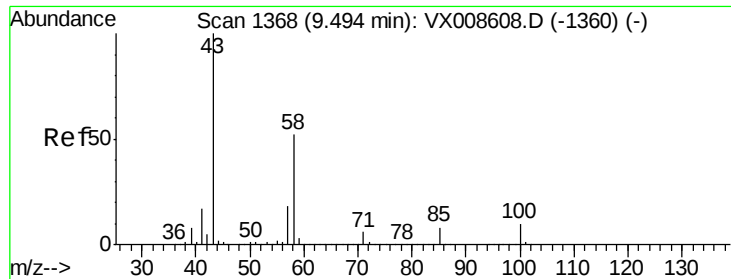
Tgt Ion: 97 Resp: 784
 Ion Ratio Lower Upper
 97 100
 83 14.6 73.2 109.8#
 85 0.0 46.6 69.8#
 99 0.0 50.1 75.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.517 ug/l
 RT: 8.18 min Scan# 1152
 Delta R.T. -0.13 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion: 63 Resp: 1339
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.6#

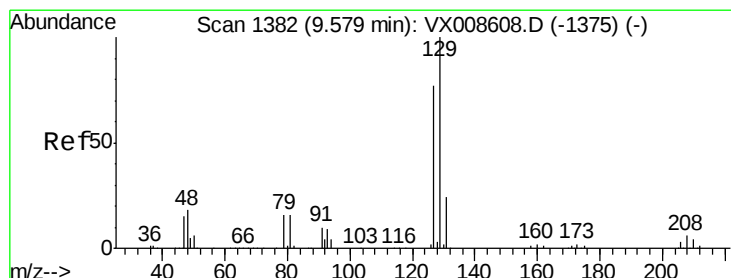
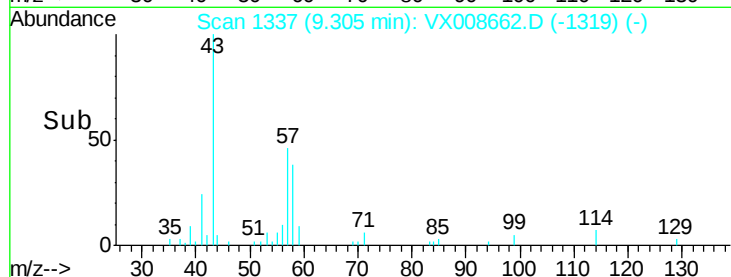
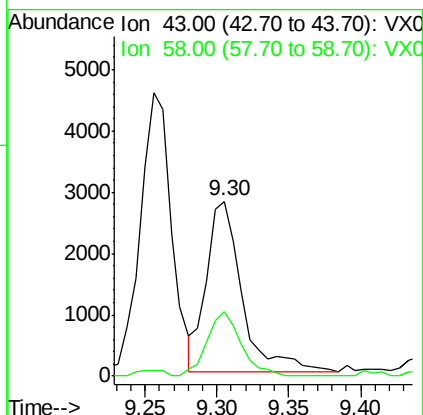
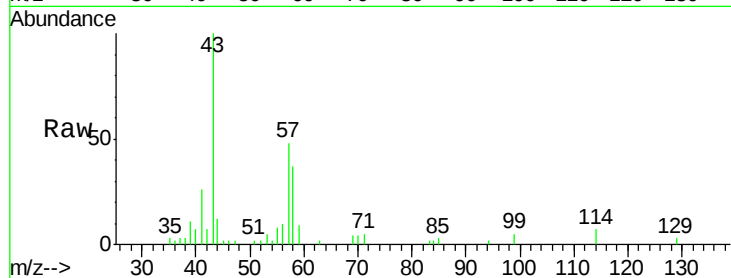




#59
2-Hexanone
Concen: 1.160 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. -0.19 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

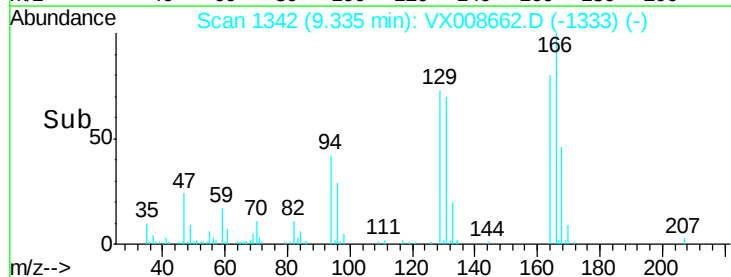
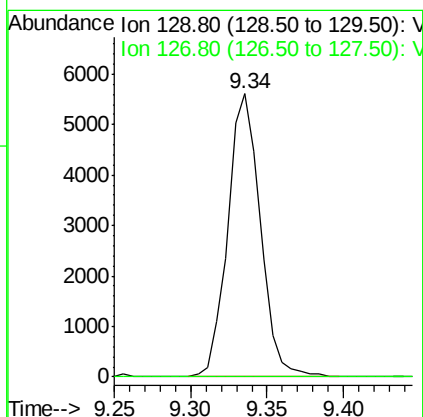
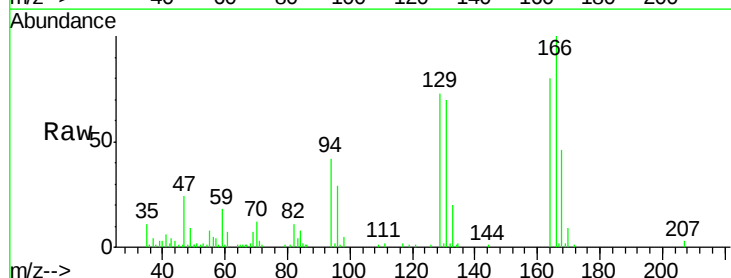
Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

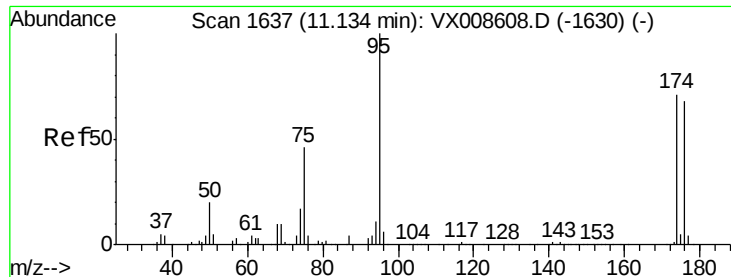
Tgt Ion: 43 Resp: 4827
Ion Ratio Lower Upper
43 100
58 35.8 25.9 77.7



#60
Dibromochloromethane
Concen: 3.130 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008662.D
Acq: 05 Apr 2019 02:12

Tgt Ion: 129 Resp: 8270
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 47.491 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

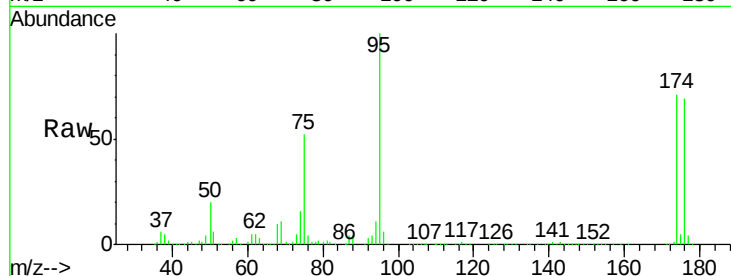
Tgt Ion: 95 Resp: 155982

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.8

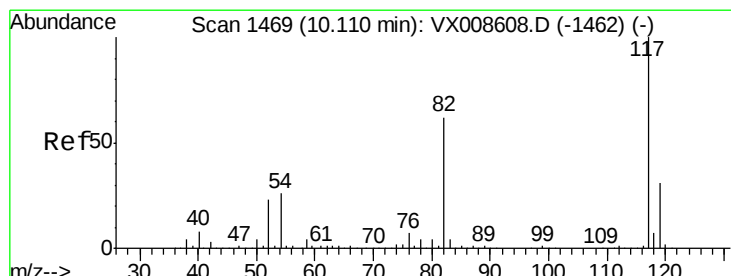
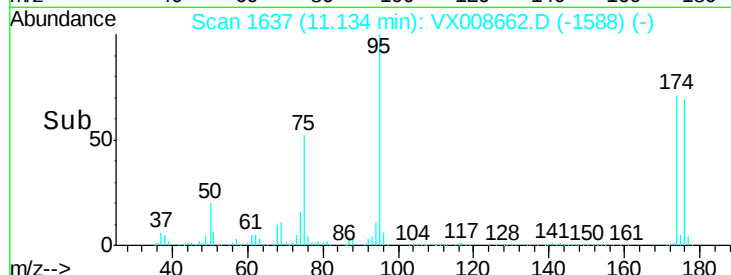
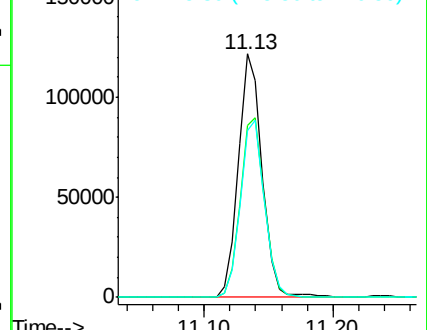
176 73.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008662.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008662.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008662.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

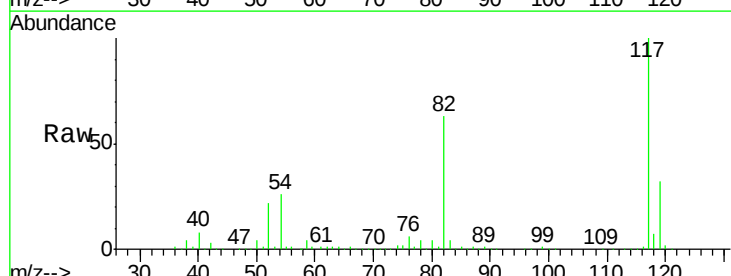
Tgt Ion: 117 Resp: 313056

Ion Ratio Lower Upper

117 100

82 62.7 49.6 74.4

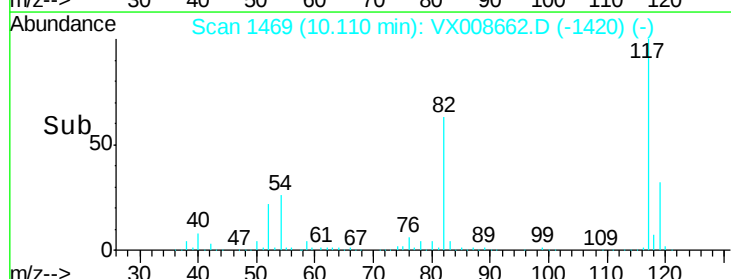
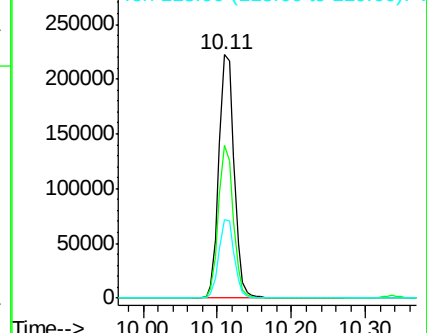
119 32.3 25.0 37.4

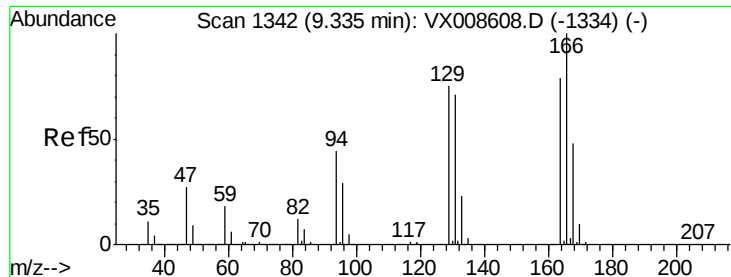


Abundance Ion 116.90 (116.60 to 117.60): VX008662.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008662.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008662.D (-1420) (-)





#64

Tetrachloroethene

Concen: 3.670 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

SS037MW012-190402

Tgt Ion:164 Resp: 8513

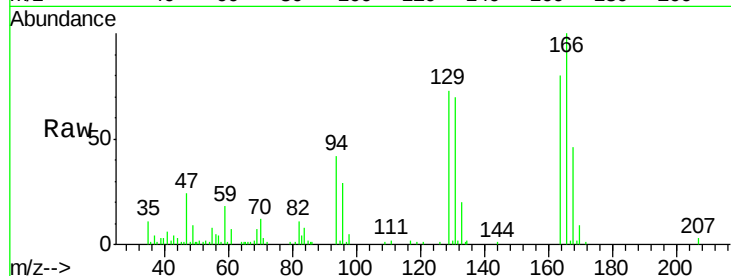
Ion Ratio Lower Upper

164 100

166 125.0 101.0 151.6

129 90.8 75.8 113.8

131 87.2 71.8 107.8

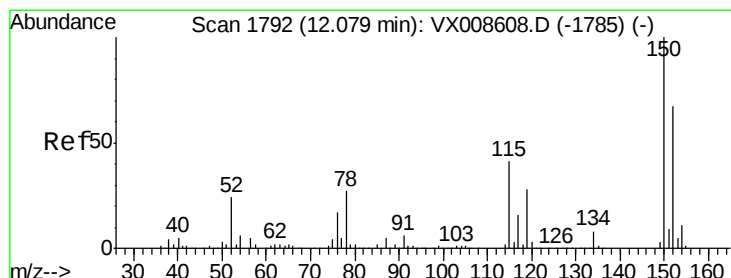
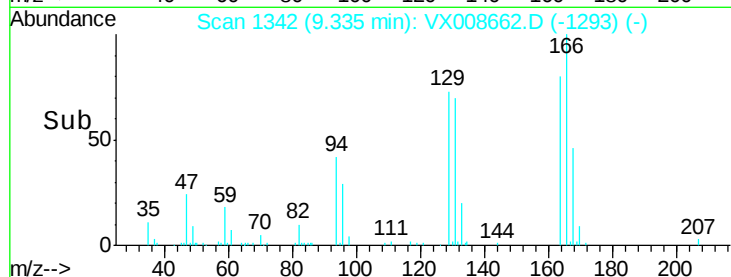
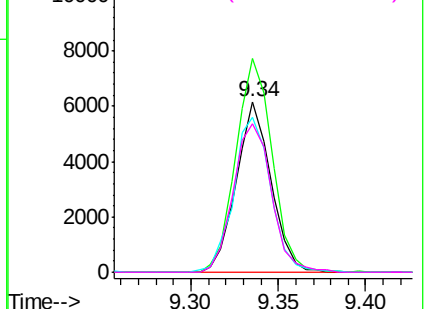


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX008662.D

Acq: 05 Apr 2019 02:12

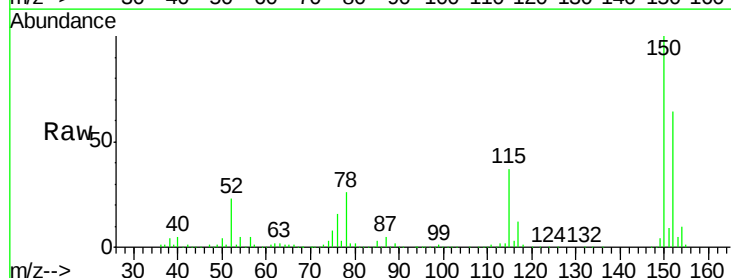
Tgt Ion:152 Resp: 133853

Ion Ratio Lower Upper

152 100

115 60.6 43.5 130.5

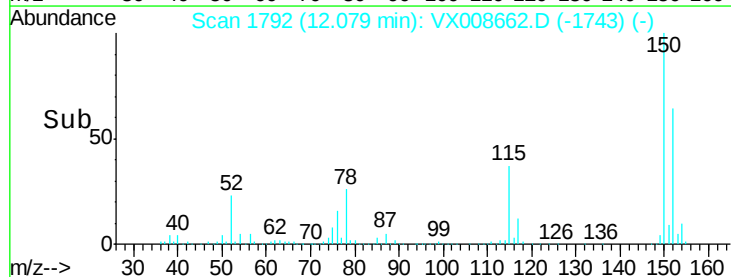
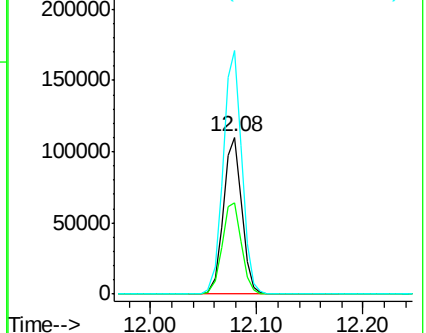
150 156.5 0.0 348.8

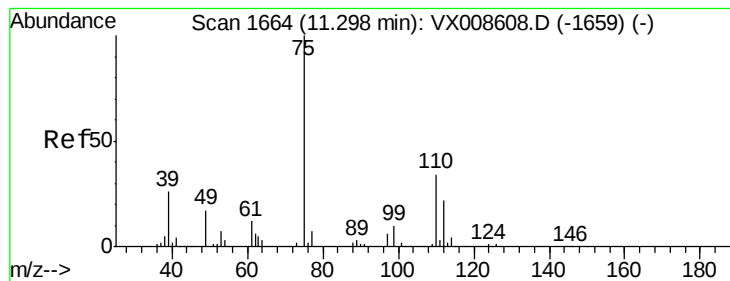


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.497 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

Instrument :

MSVOA_X

ClientSampleId :

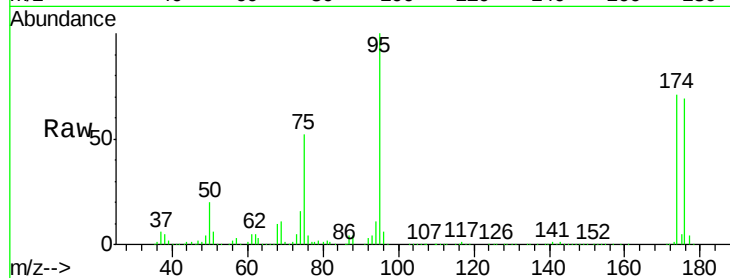
SS037MW012-190402

Tgt Ion: 75 Resp: 79047

Ion Ratio Lower Upper

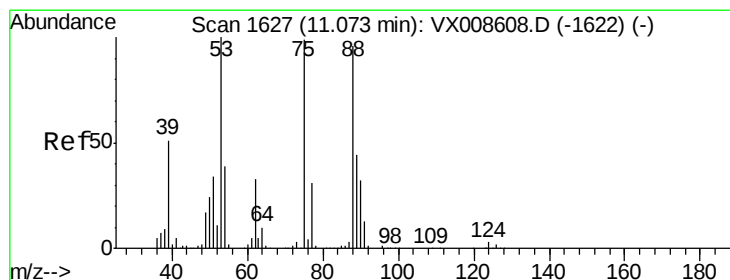
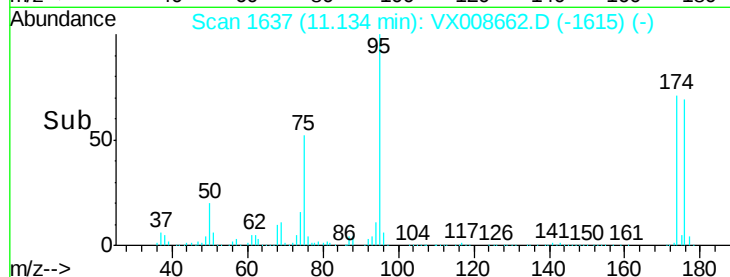
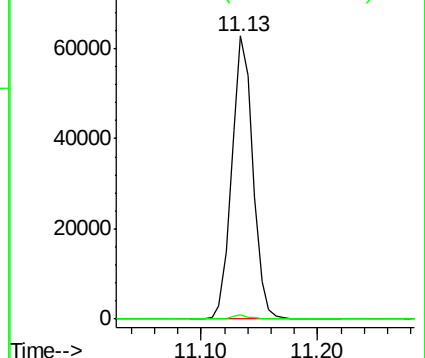
75 100

77 1.4 22.3 66.8#



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: 59.258 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008662.D

Acq: 05 Apr 2019 02:12

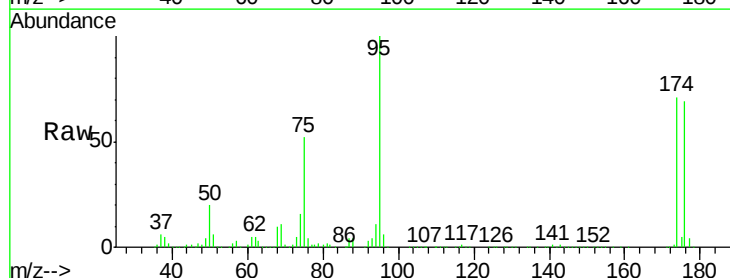
Tgt Ion: 75 Resp: 79047

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

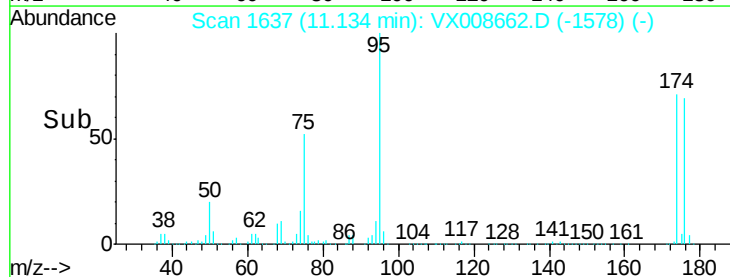
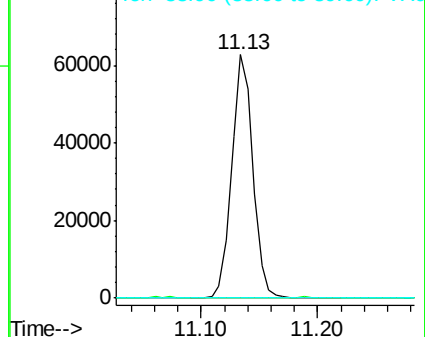
89 0.0 35.6 53.4#

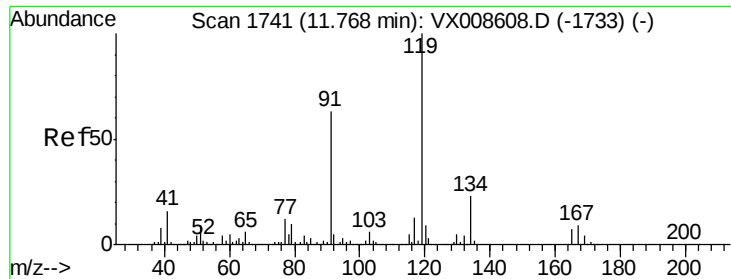


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

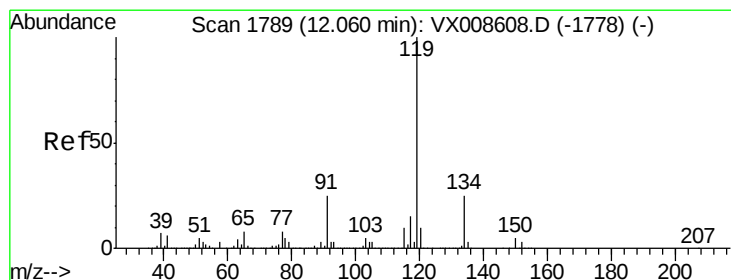
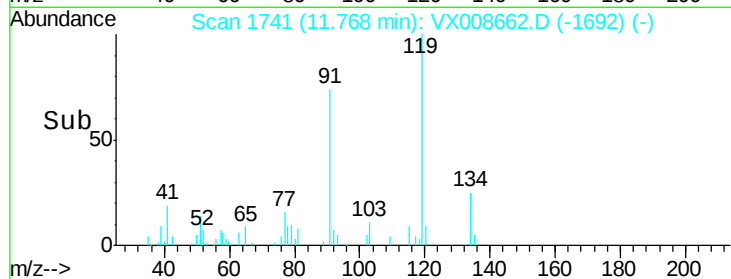
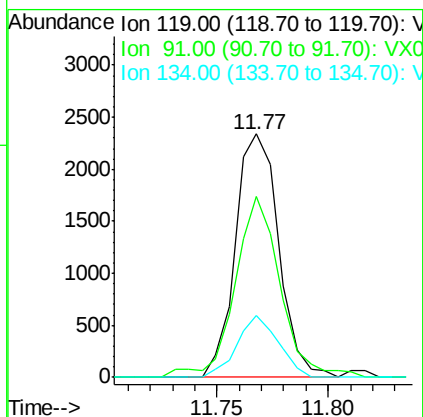
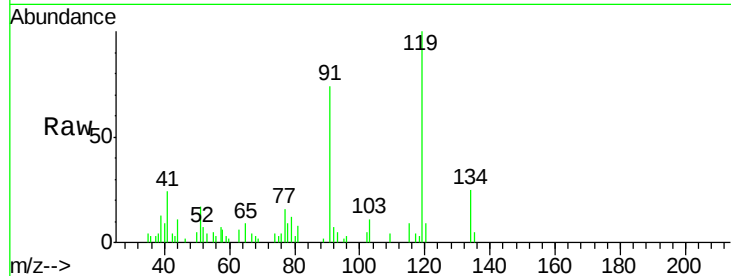




#83
 tert-Butylbenzene
 Concen: 0.354 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW012-190402

Tgt Ion:119 Resp: 3174
 Ion Ratio Lower Upper
 119 100
 91 78.1 30.0 90.1
 134 24.2 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 0.936 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX008662.D
 Acq: 05 Apr 2019 02:12

Tgt Ion:119 Resp: 8937
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.4
 91 28.3 12.2 36.6

