

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
 Data File : VX002337.D
 Acq On : 06 Jun 2018 06:10
 Operator : JC/MD
 Sample : J3309-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Jun 06 07:39:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163524	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.51	113	118750	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
50) Toluene-d8	8.72	98	489552	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	177848	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	399	Below Cal		92
5) Bromomethane	1.67	94	600	Below Cal		85
6) Chloroethane	1.70	64	517	0.27 ug/l	#	43
8) Diethyl Ether	2.23	74	20	Below Cal	#	1
11) Tert butyl alcohol	3.07	59	3453	Below Cal	#	72
13) Acrolein	2.26	56	719	Below Cal	#	1
14) Allyl chloride	2.77	41	4269	0.82 ug/l	#	72
15) Acrylonitrile	3.18	53	865	Below Cal	#	36
16) Acetone	2.45	43	2151	Below Cal		99
18) Methyl Acetate	2.77	43	2967	Below Cal	#	58
19) Methyl tert-butyl Ether	3.21	73	4270	Below Cal	#	83
20) Methylene Chloride	2.85	84	115	Below Cal	#	35
22) Diisopropyl ether	3.86	45	122	Below Cal	#	80
25) 2-Butanone	4.71	43	518	0.23 ug/l	#	52
28) Bromochloromethane	5.17	49	20	Below Cal	#	13
31) Cyclohexane	5.57	56	19333	4.76 ug/l		95
36) 1,1-Dichloropropene	5.67	75	15908	4.49 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21165	5.71 ug/l	#	15
39) Methylcyclohexane	7.46	83	6882	1.83 ug/l	#	86
40) Benzene	6.15	78	48479	4.46 ug/l		97
49) 1,4-Dioxane	8.02	88	21	0.31 ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	1042	0.23 ug/l		88
55) 1,1,2-Trichloroethane	9.16	97	2098	0.74 ug/l	#	20
56) Ethyl methacrylate	9.16	69	1092	0.24 ug/l	#	31
58) 2-Chloroethyl Vinyl ether	8.22	63	559	0.27 ug/l	#	48
66) 1,1,1,2-Tetrachloroethane	10.21	131	606	0.21 ug/l	#	33
73) Isopropylbenzene	11.02	105	103115	7.71 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1331	0.32 ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	96108	22.79 ug/l	#	32
78) n-propylbenzene	11.37	91	9727	0.65 ug/l		100
79) 2-Chlorotoluene	11.37	91	9727	1.04 ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	96108	79.88 ug/l	#	6
83) tert-Butylbenzene	11.77	119	12937	1.16 ug/l		92
84) 1,2,4-Trimethylbenzene	11.67	105	5061	0.43 ug/l		80

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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

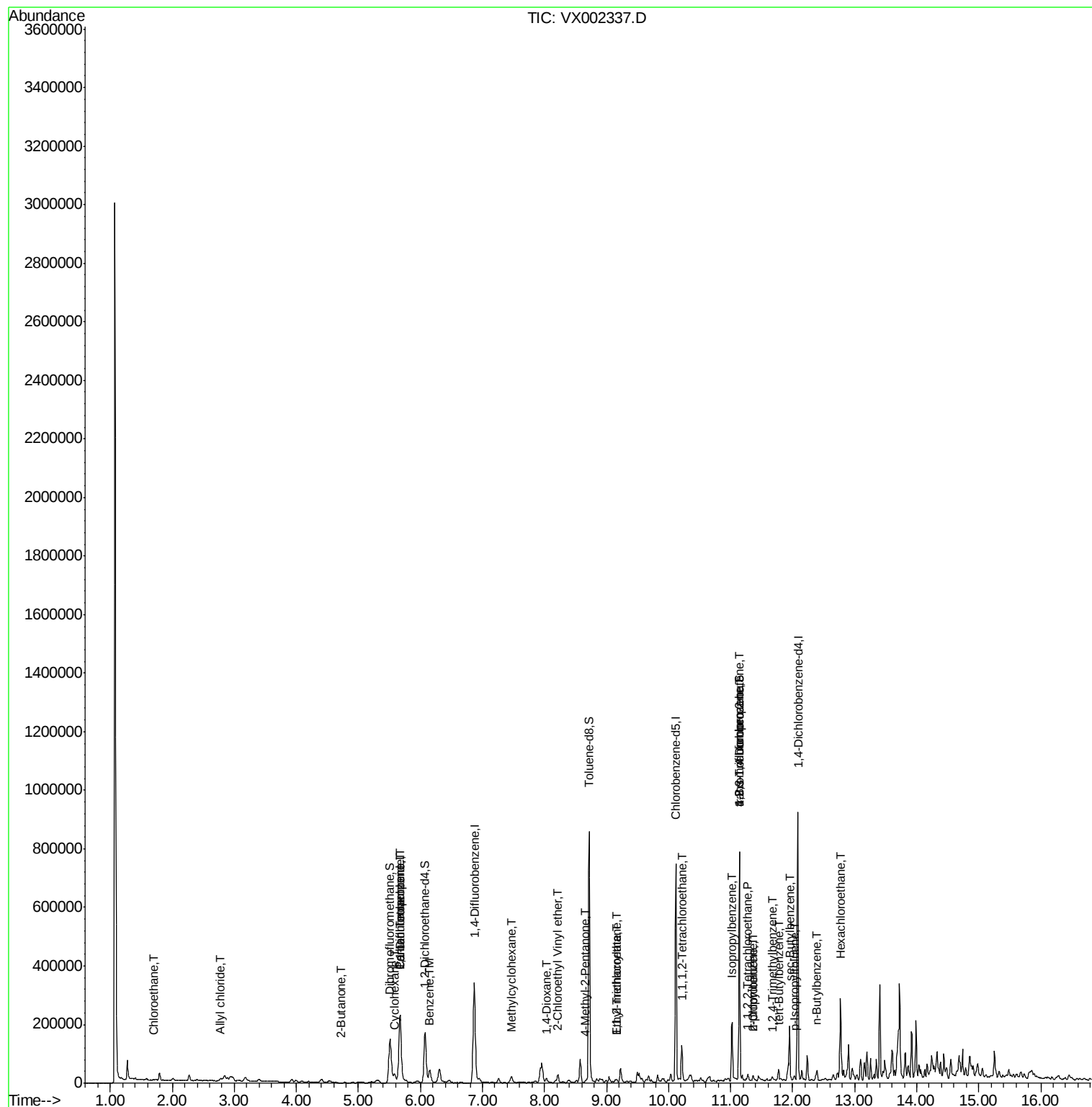
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	91943	7.02	ug/l	85
86) p-Isopropyltoluene	12.03	119	2919	0.24	ug/l	95
89) n-Butylbenzene	12.39	91	11264	1.13	ug/l	99
90) Hexachloroethane	12.76	117	37053	19.46	ug/l #	1

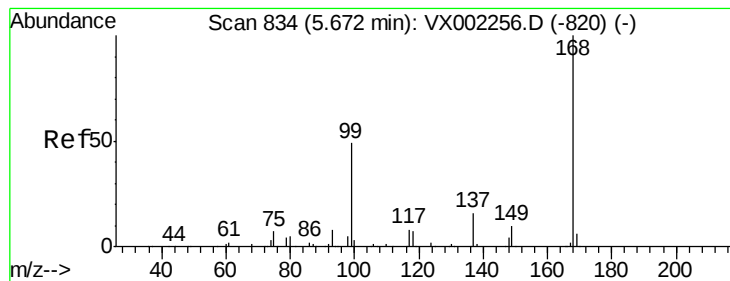
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

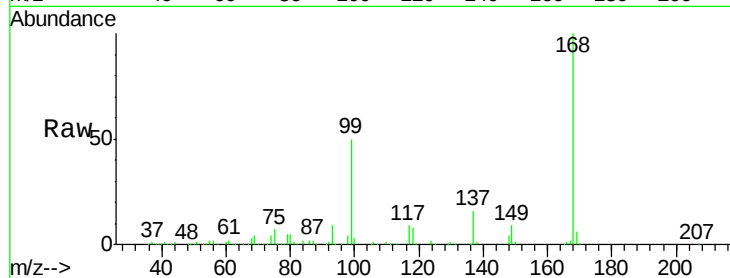
MW-01

Tgt Ion:168 Resp: 225130

Ion Ratio Lower Upper

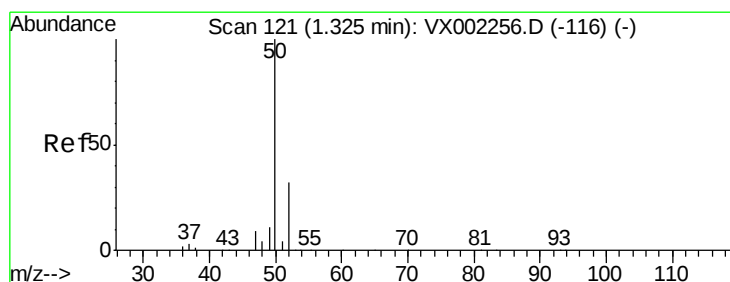
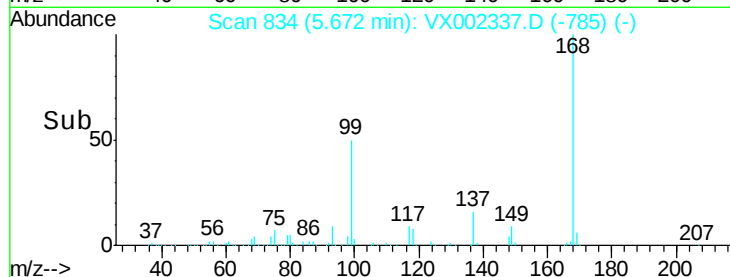
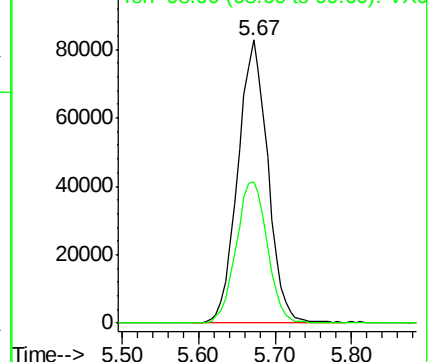
168 100

99 49.8 39.3 58.9



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: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002337.D

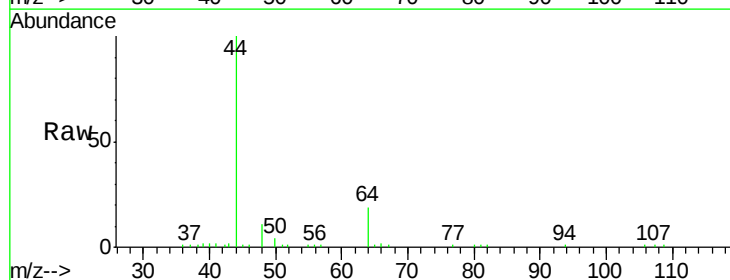
Acq: 06 Jun 2018 06:10

Tgt Ion: 50 Resp: 399

Ion Ratio Lower Upper

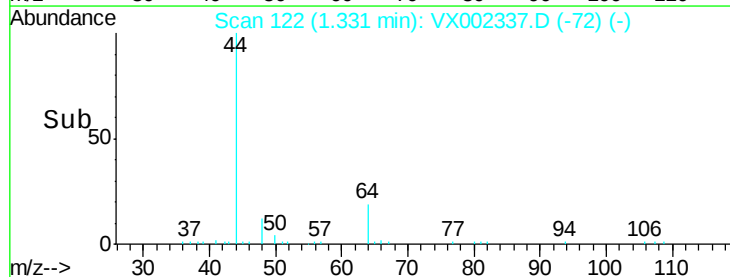
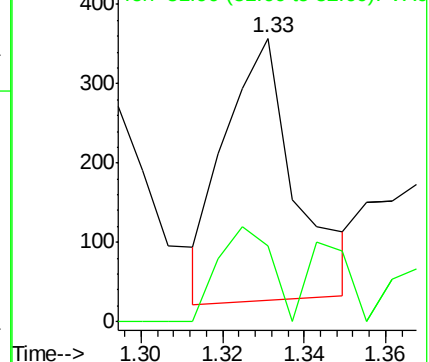
50 100

52 36.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

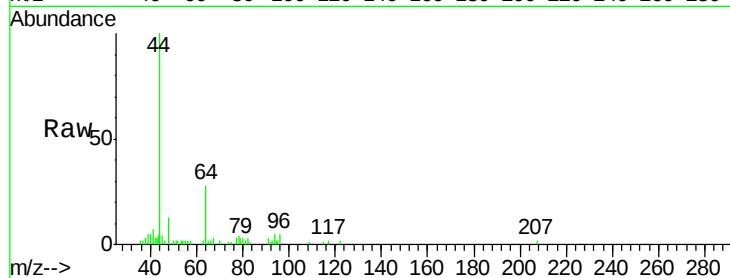
MW-01

Tgt Ion: 94 Resp: 600

Ion Ratio Lower Upper

94 100

96 79.3 74.9 112.3

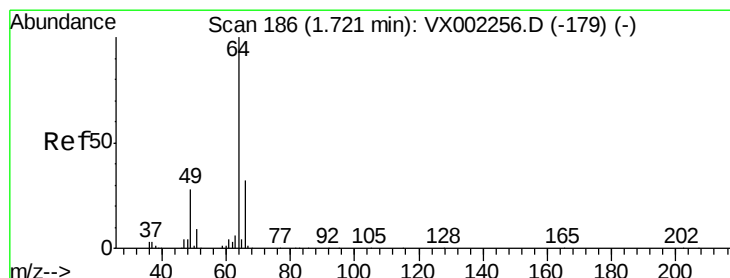
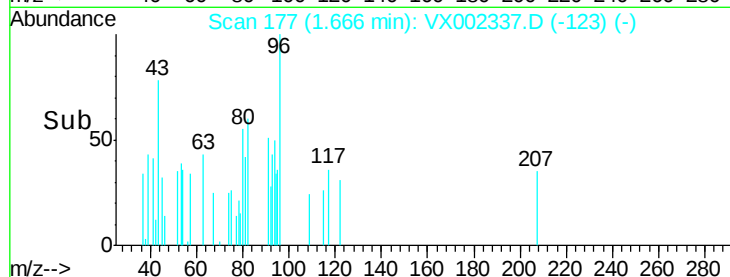


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

Time-->



#6

Chloroethane

Concen: 0.27 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX002337.D

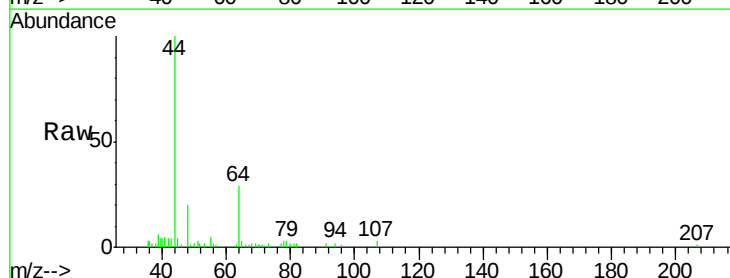
Acq: 06 Jun 2018 06:10

Tgt Ion: 64 Resp: 517

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

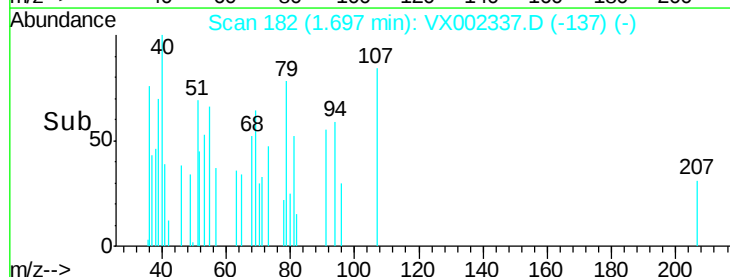


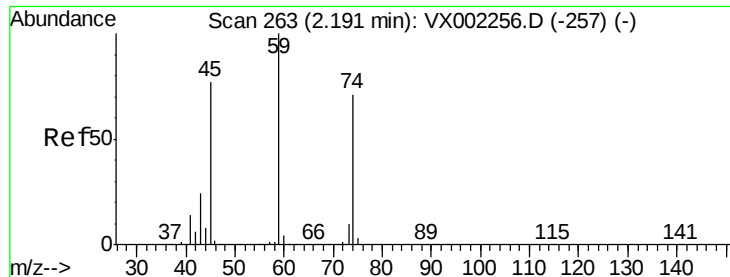
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 269

Delta R.T. 0.04 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

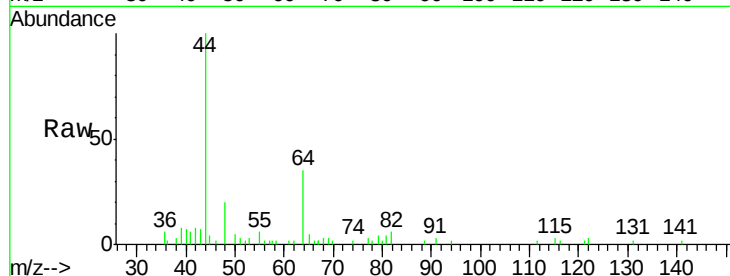
MW-01

Tgt Ion: 74 Resp: 20

Ion Ratio Lower Upper

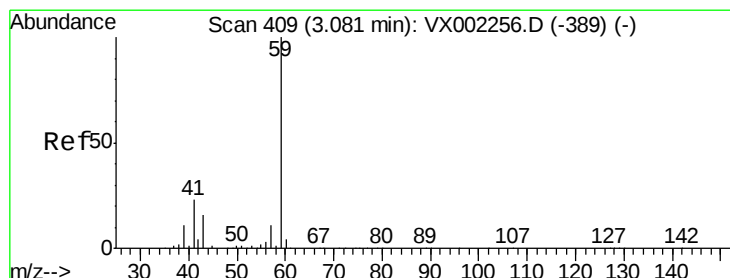
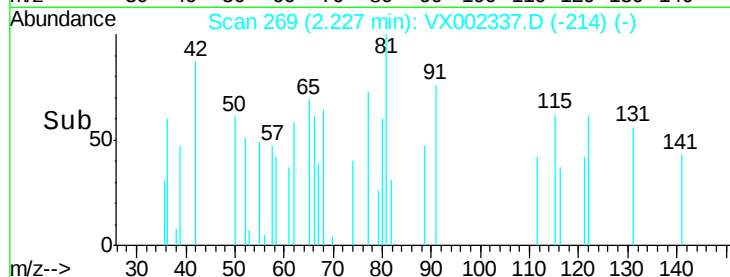
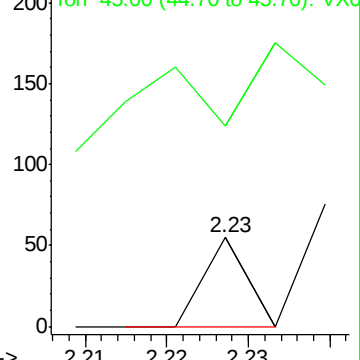
74 100

45 0.0 53.1 159.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX002337.D

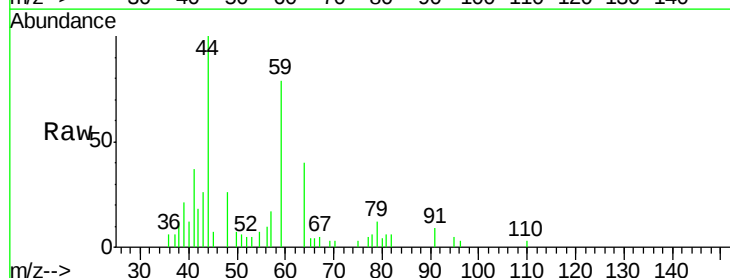
Acq: 06 Jun 2018 06:10

Tgt Ion: 59 Resp: 3453

Ion Ratio Lower Upper

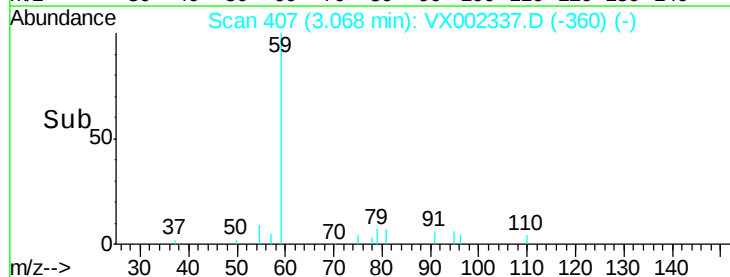
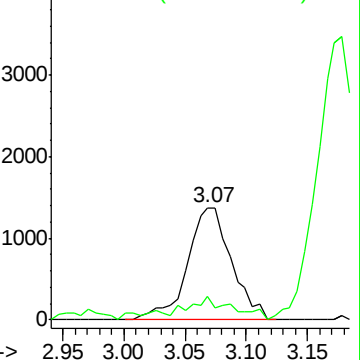
59 100

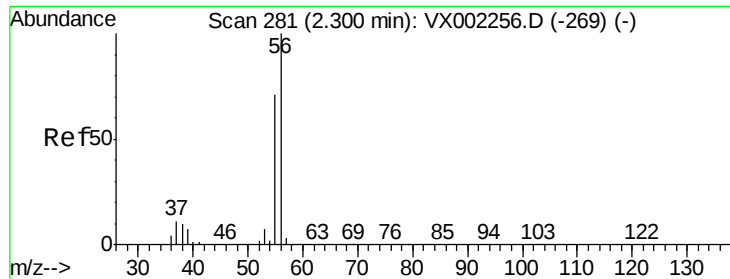
57 20.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.26 min Scan# 274

Delta R.T. -0.04 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

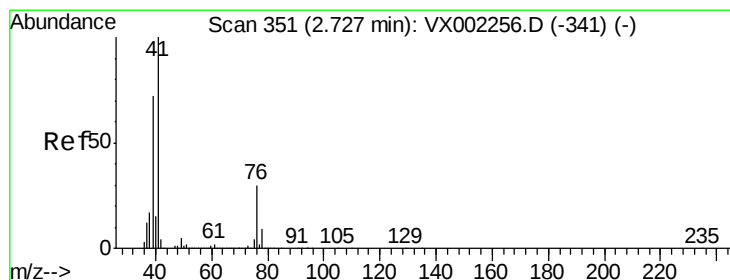
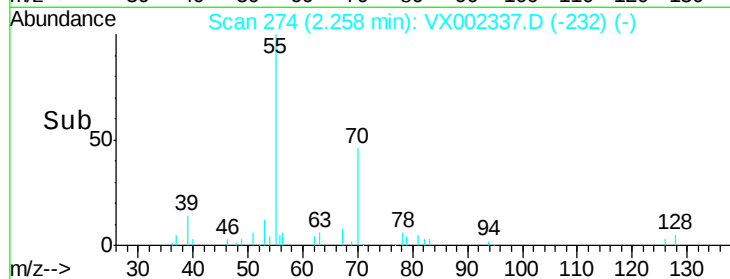
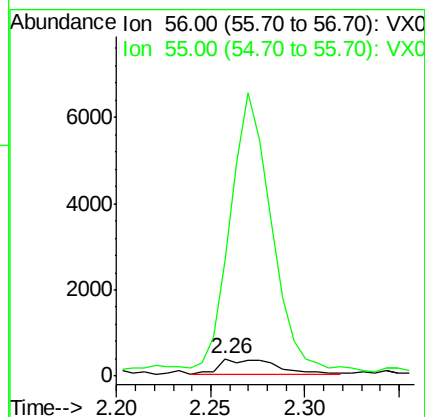
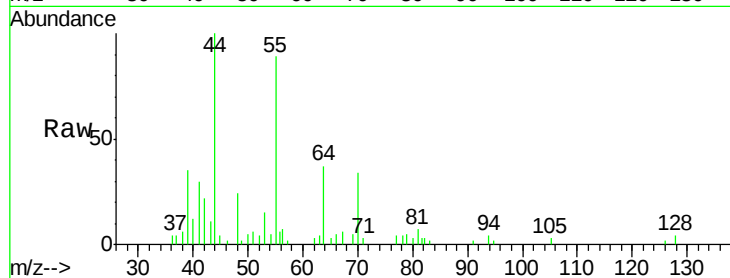
MW-01

Tgt Ion: 56 Resp: 719

Ion Ratio Lower Upper

56 100

55 1372.6 57.0 85.4#



#14

Allyl chloride

Concen: 0.82 ug/l

RT: 2.77 min Scan# 358

Delta R.T. 0.04 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

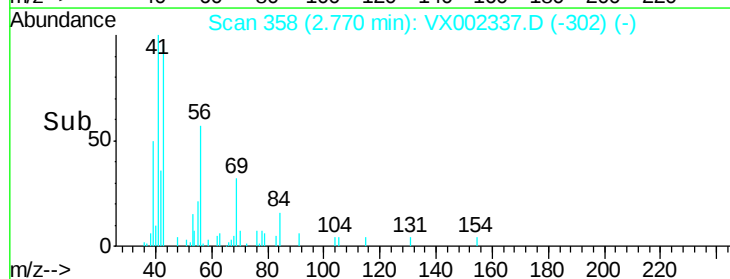
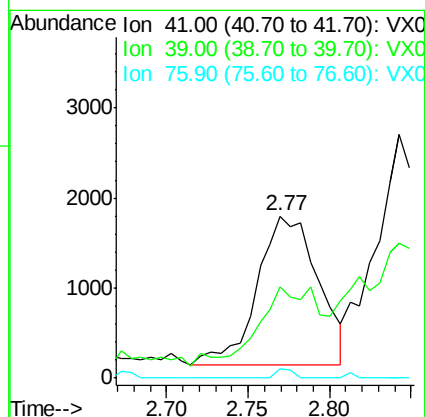
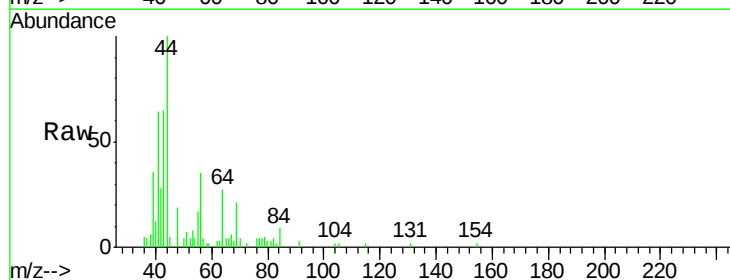
Tgt Ion: 41 Resp: 4269

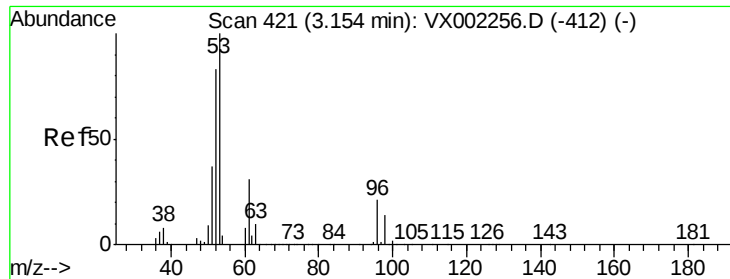
Ion Ratio Lower Upper

41 100

39 55.8 56.8 85.2#

76 1.6 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.18 min Scan# 425

Delta R.T. 0.03 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

MW-01

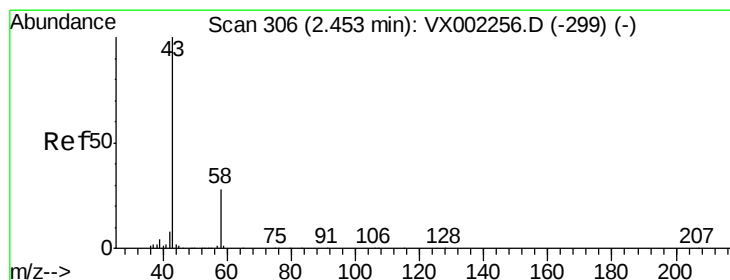
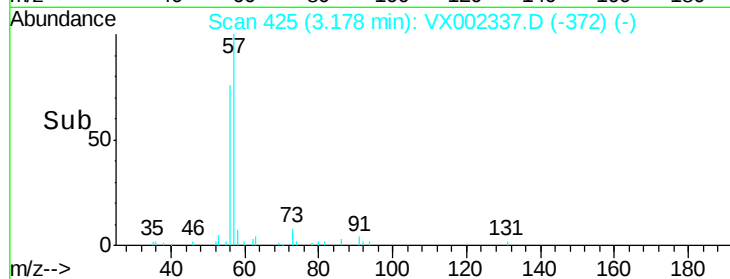
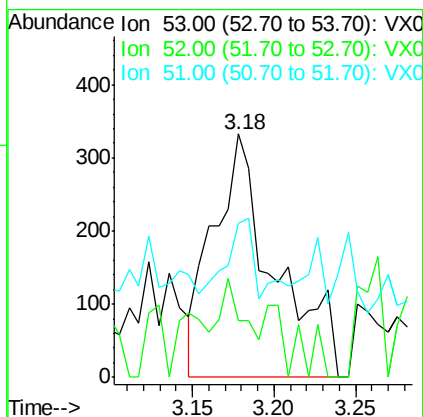
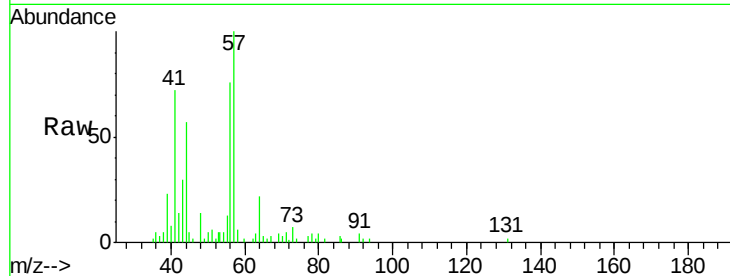
Tgt Ion: 53 Resp: 865

Ion Ratio Lower Upper

53 100

52 9.2 66.7 100.1#

51 22.8 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002337.D

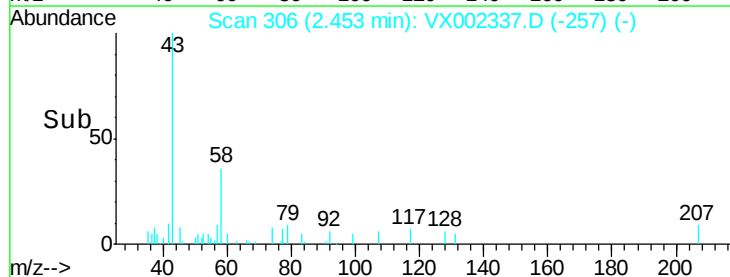
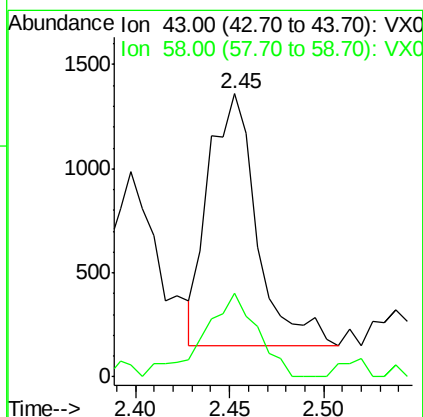
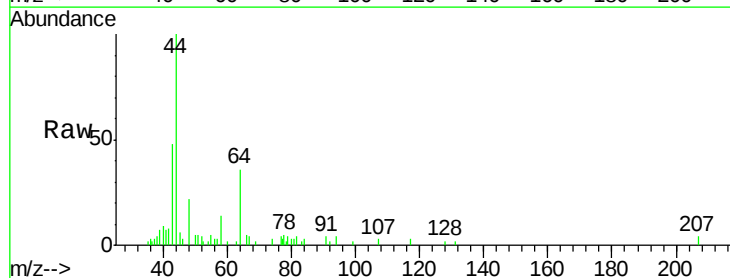
Acq: 06 Jun 2018 06:10

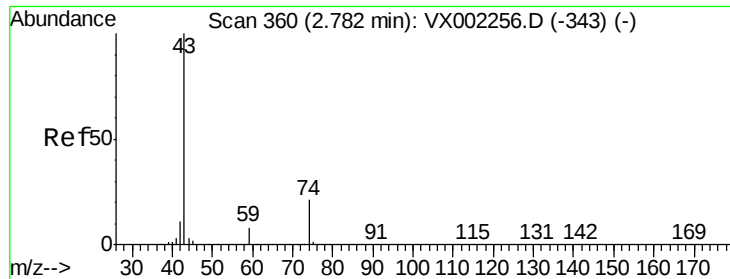
Tgt Ion: 43 Resp: 2151

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1

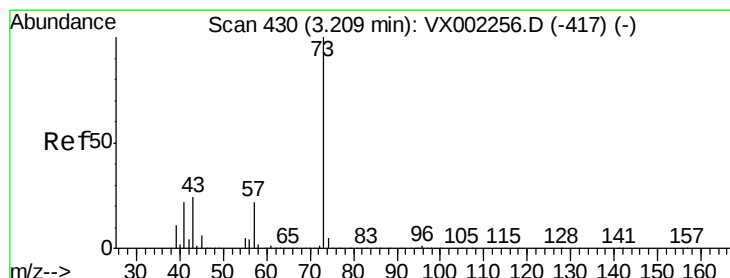
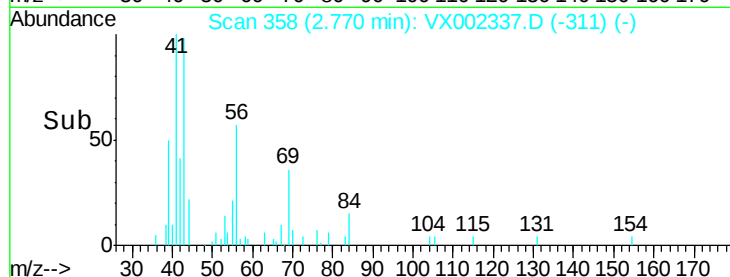
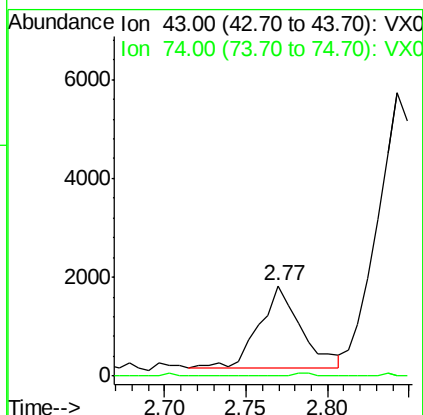
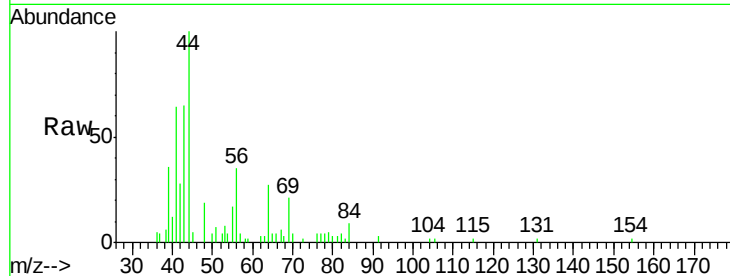




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

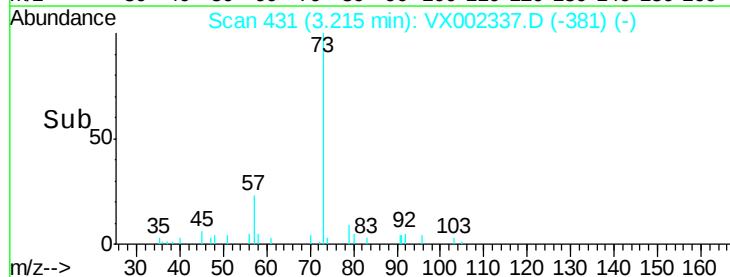
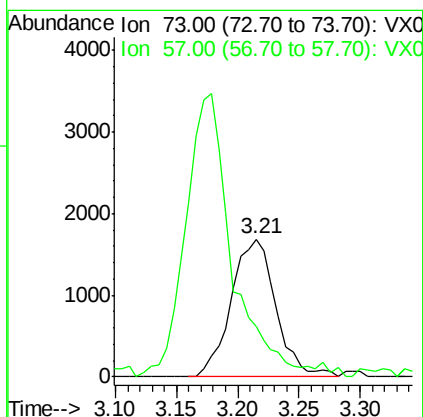
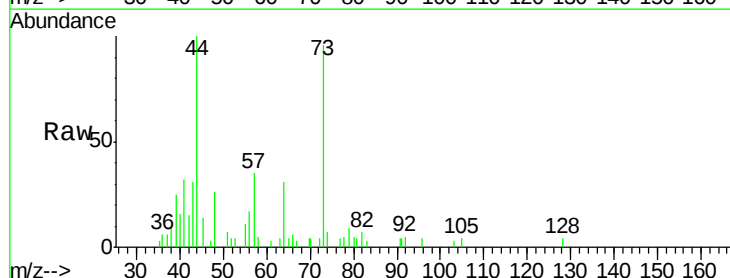
Instrument :
MSVOA_X
ClientSampleId :
MW-01

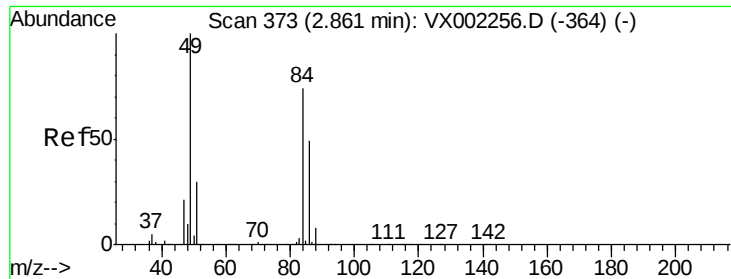
Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
74 1.3 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion: 73 Resp: 4270
Ion Ratio Lower Upper
73 100
57 30.2 17.7 26.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

MW-01

Tgt Ion: 84 Resp: 115

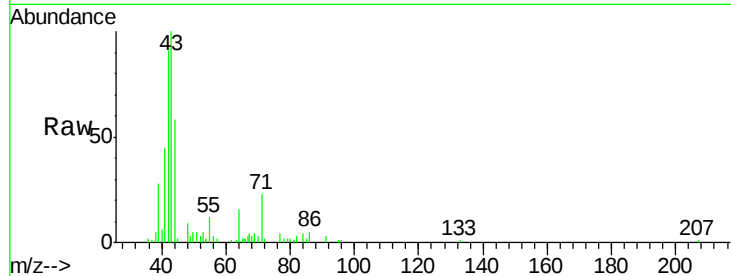
Ion Ratio Lower Upper

84 100

49 100.7 107.8 161.6#

51 0.0 32.8 49.2#

86 175.5 52.5 78.7#

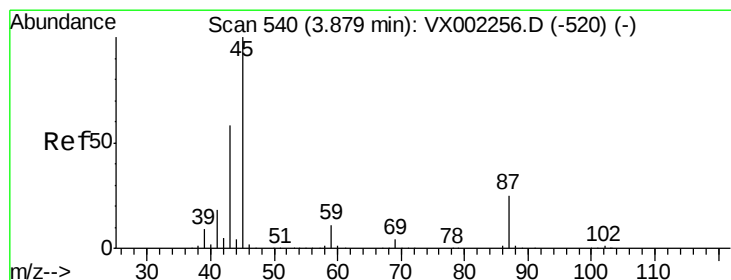
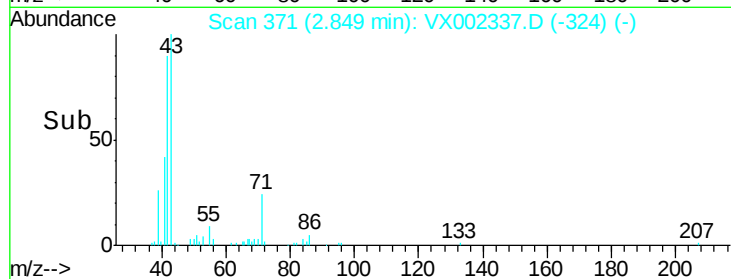
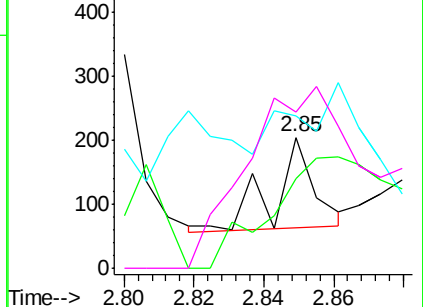


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.86 min Scan# 537

Delta R.T. -0.02 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Tgt Ion: 45 Resp: 122

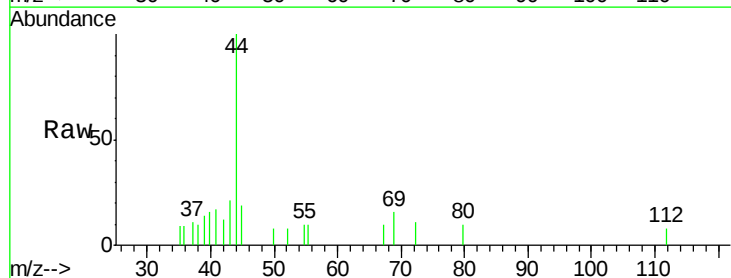
Ion Ratio Lower Upper

45 100

43 54.0 46.8 70.2

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#

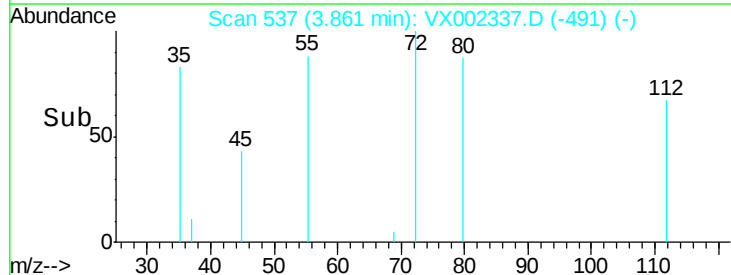
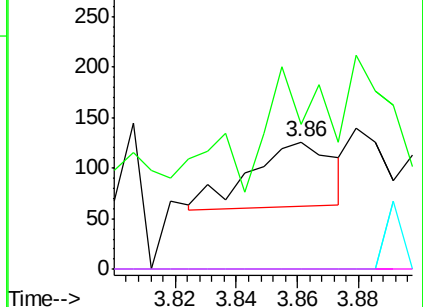


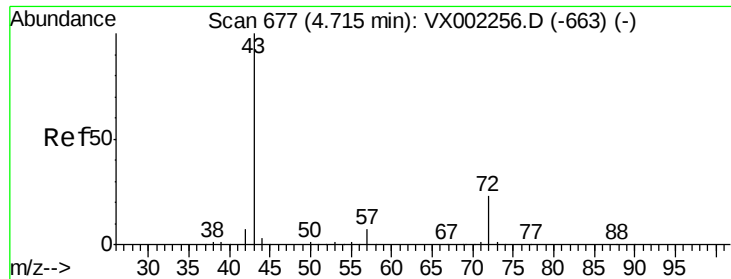
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

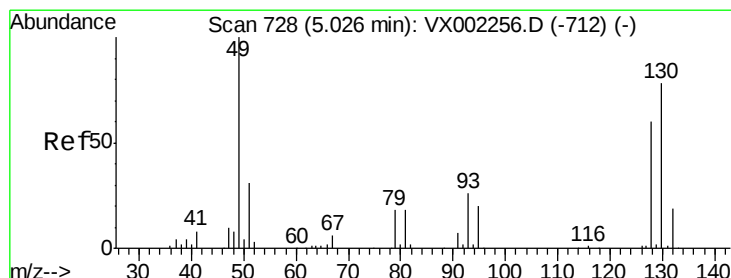
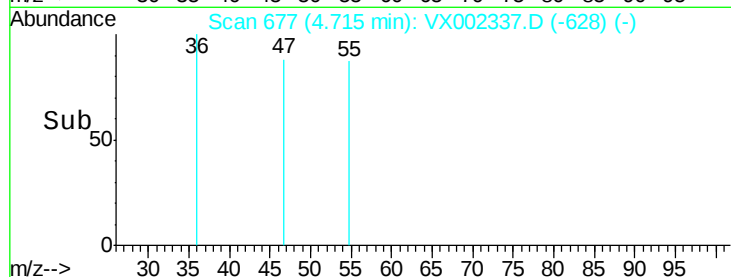
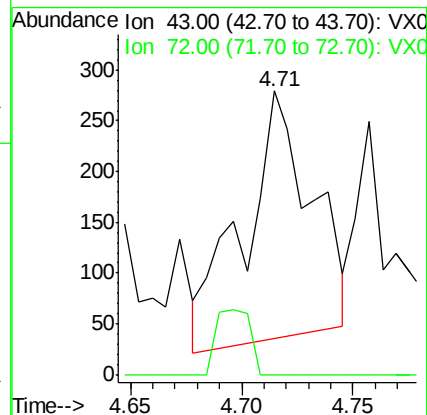
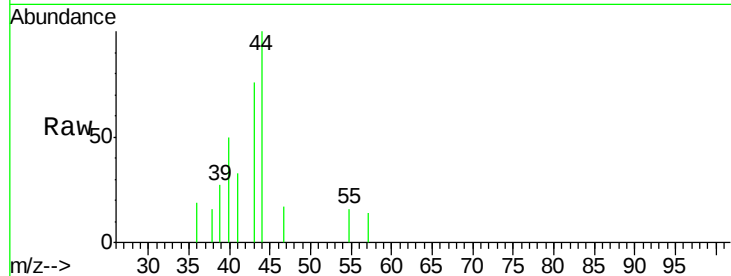
MW-01

Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.17 min Scan# 751

Delta R.T. 0.14 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

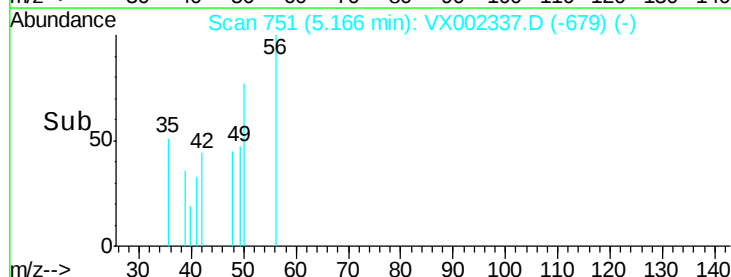
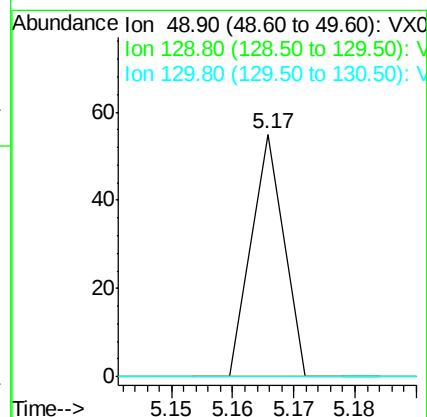
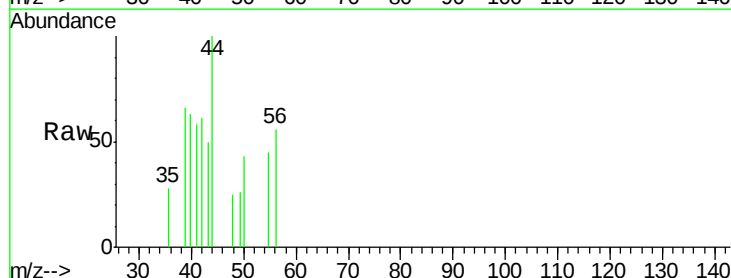
Tgt Ion: 49 Resp: 20

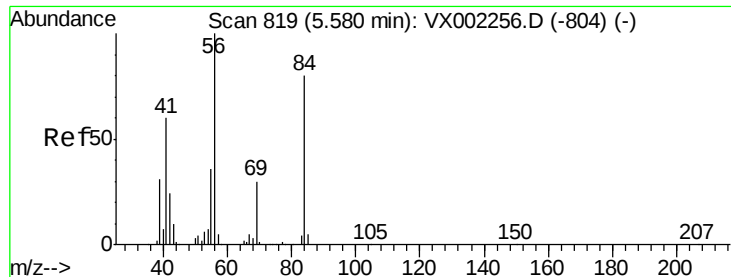
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

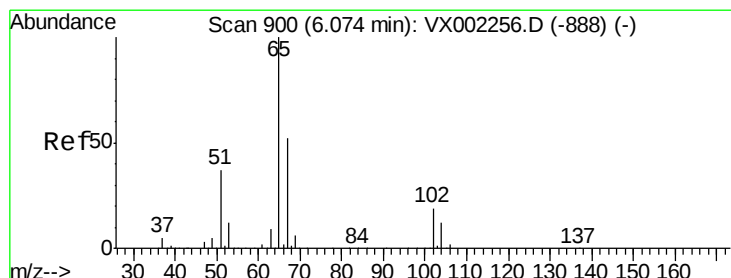
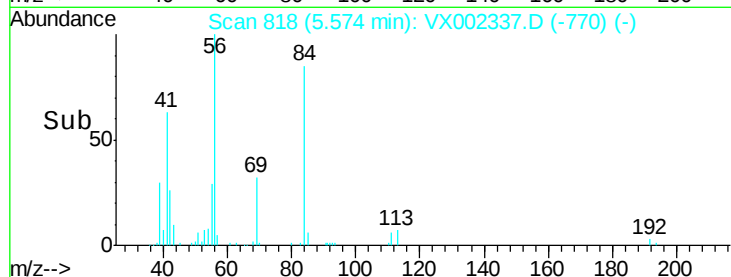
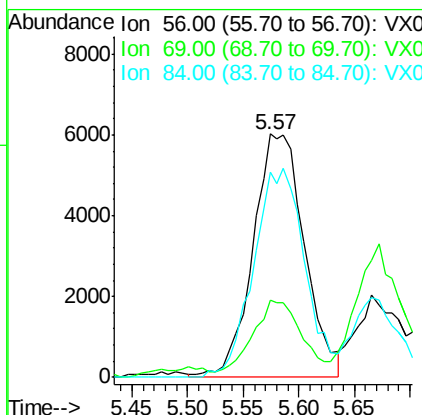
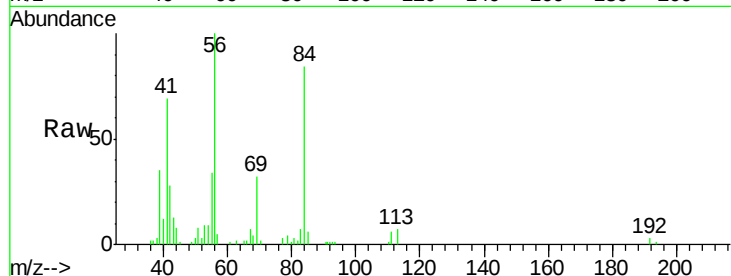




#31
Cyclohexane
Concen: 4.76 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

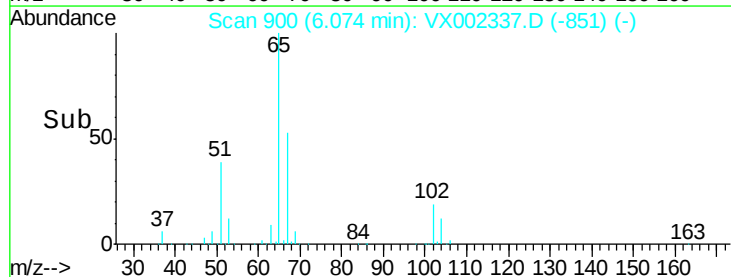
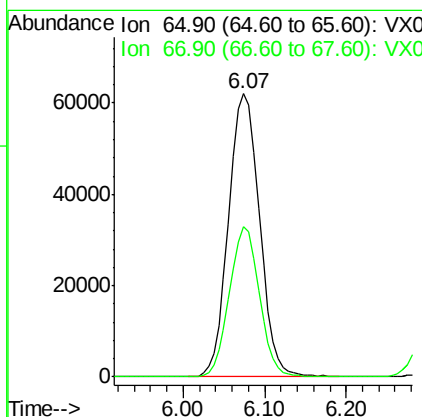
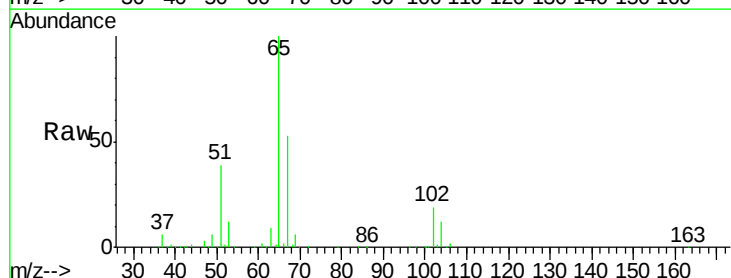
Instrument :
MSVOA_X
ClientSampled :
MW-01

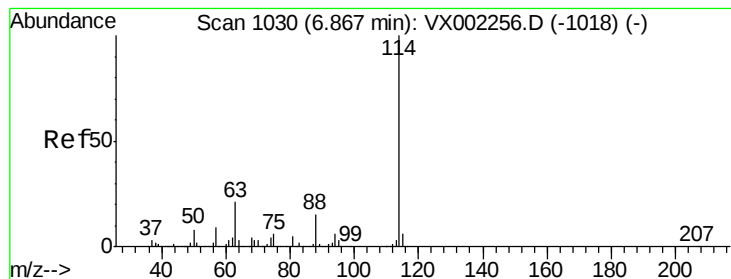
Tgt Ion: 56 Resp: 19333
Ion Ratio Lower Upper
56 100
69 28.0 23.7 35.5
84 85.0 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 50.85 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion: 65 Resp: 163524
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-01

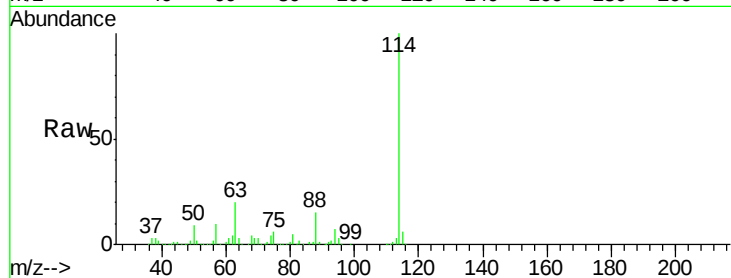
Tgt Ion:114 Resp: 337013

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

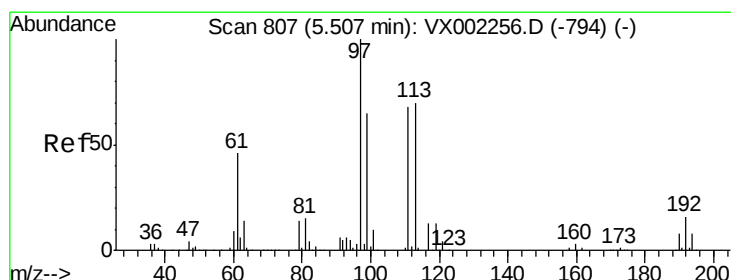
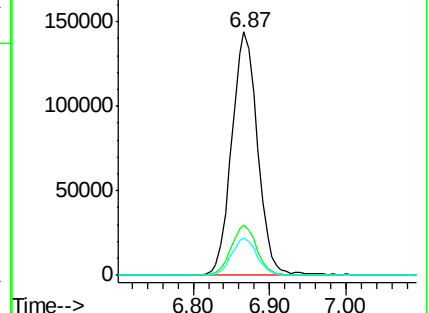
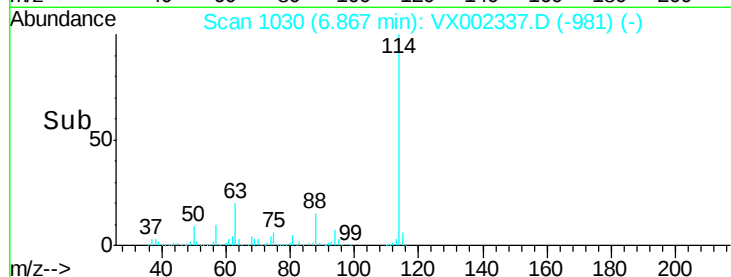
88 15.2 0.0 30.0



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: 44.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

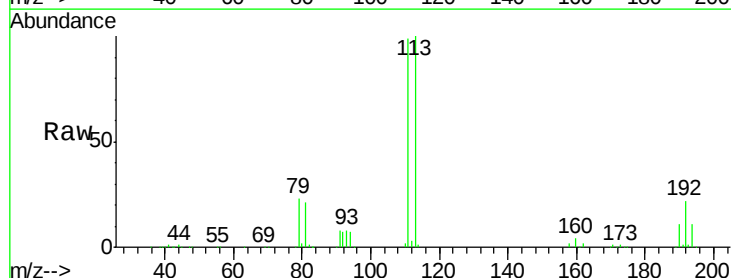
Tgt Ion:113 Resp: 118750

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

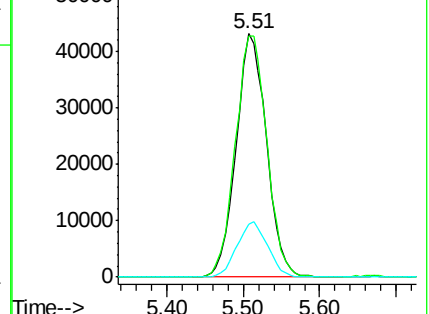
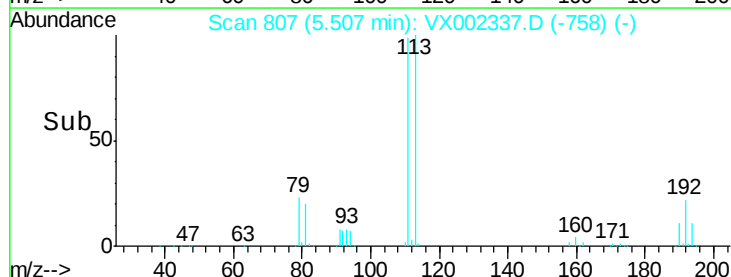
192 23.0 19.1 28.7

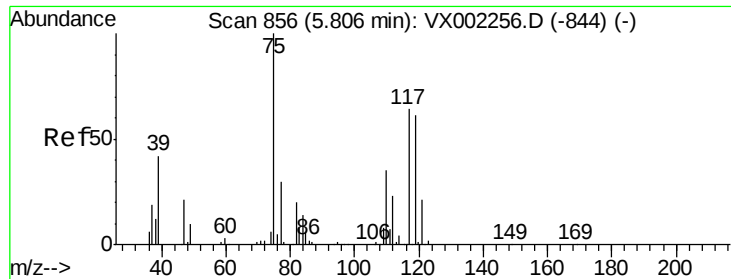


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.49 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

MW-01

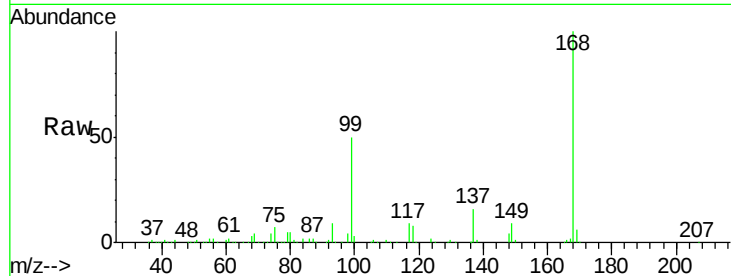
Tgt Ion: 75 Resp: 15908

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.4#

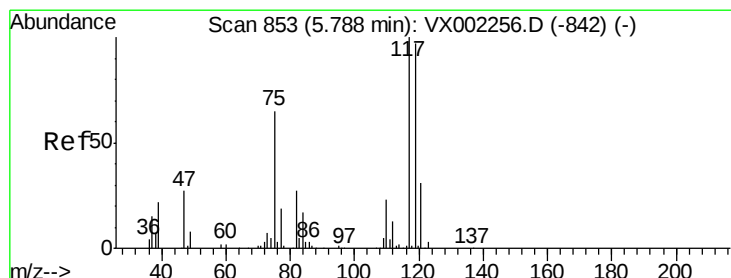
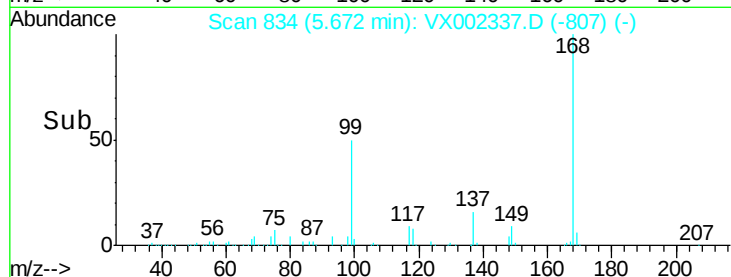
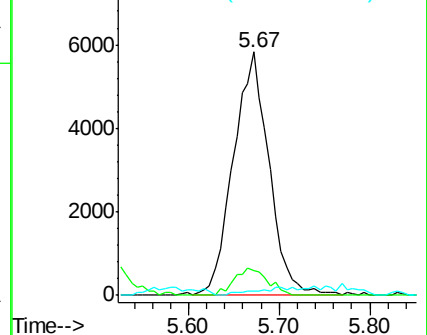
77 0.0 24.3 36.5#



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: 5.71 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

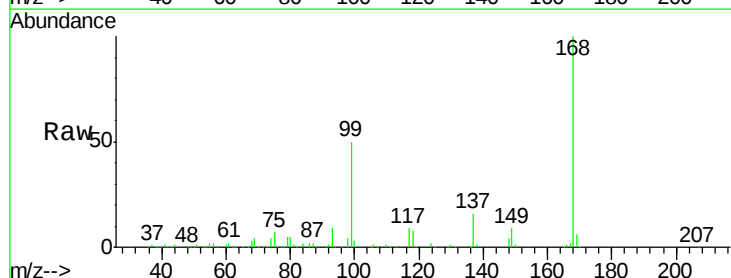
Tgt Ion: 117 Resp: 21165

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

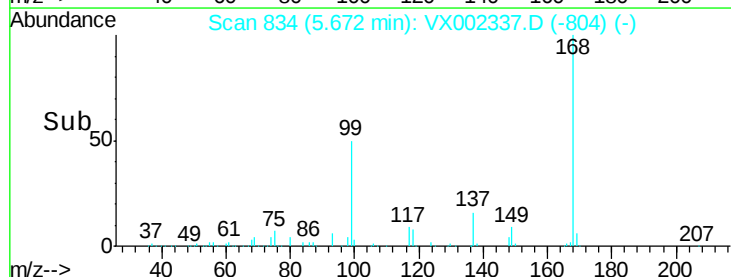
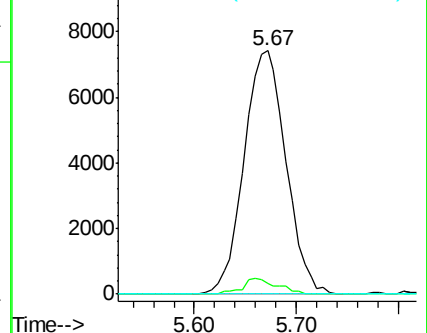
121 0.0 24.4 36.6#

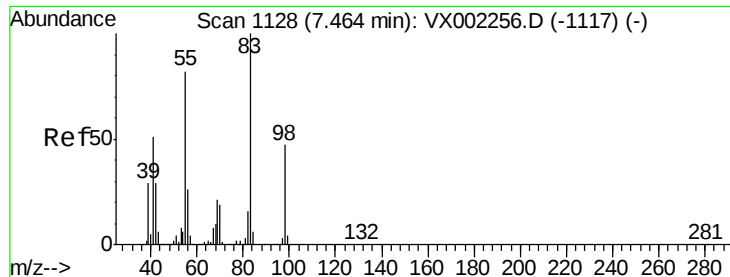


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 1.83 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-01

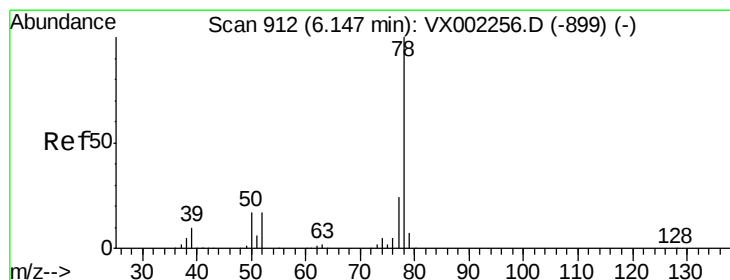
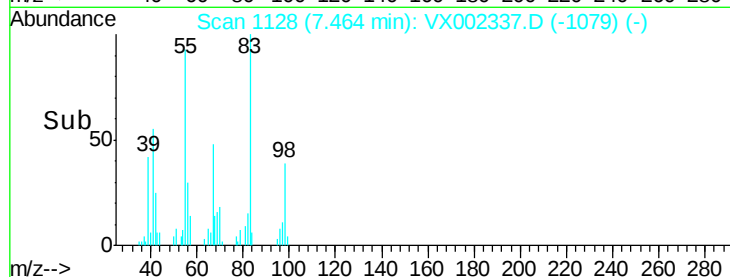
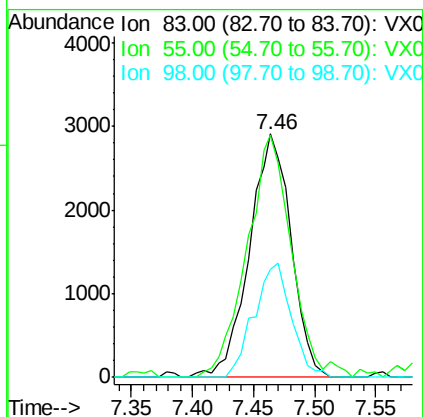
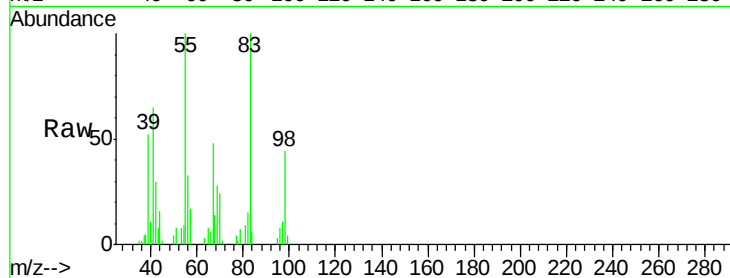
Tgt Ion: 83 Resp: 6882

Ion Ratio Lower Upper

83 100

55 99.8 65.4 98.0#

98 44.3 37.4 56.0



#40

Benzene

Concen: 4.46 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002337.D

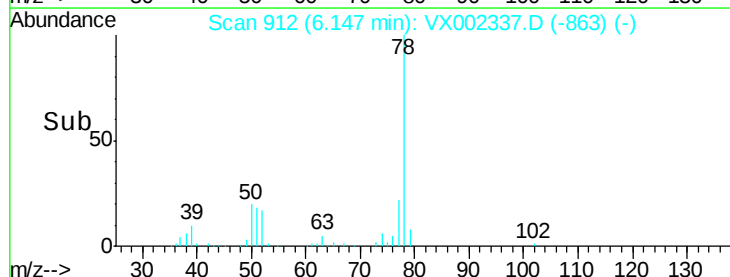
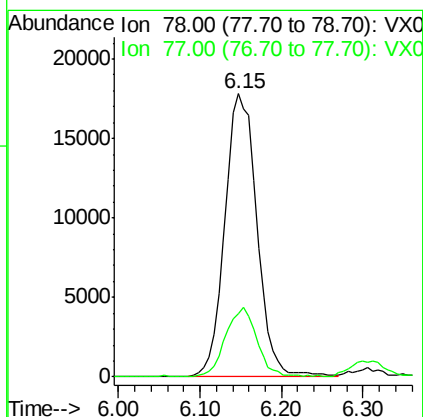
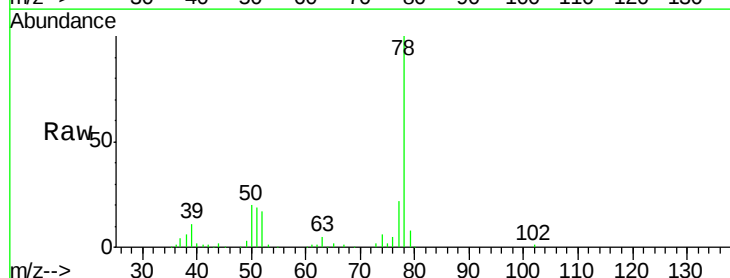
Acq: 06 Jun 2018 06:10

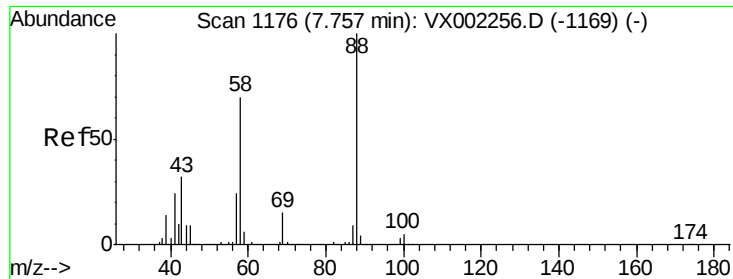
Tgt Ion: 78 Resp: 48479

Ion Ratio Lower Upper

78 100

77 22.4 19.1 28.7

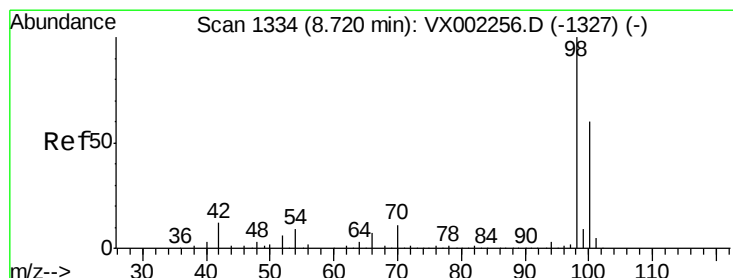
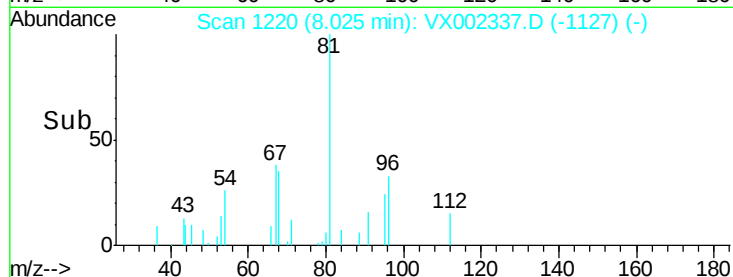
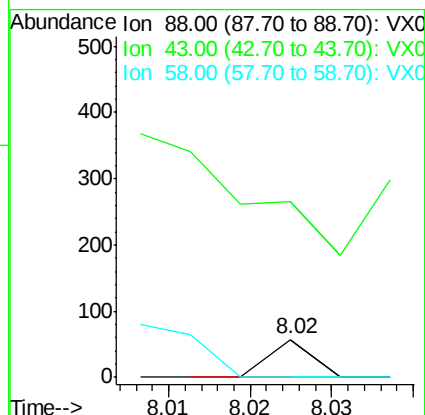
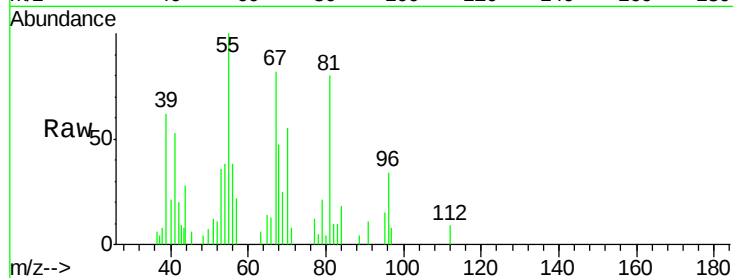




#49
1,4-Dioxane
Concen: 0.31 ug/l
RT: 8.02 min Scan# 1220
Delta R.T. 0.27 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

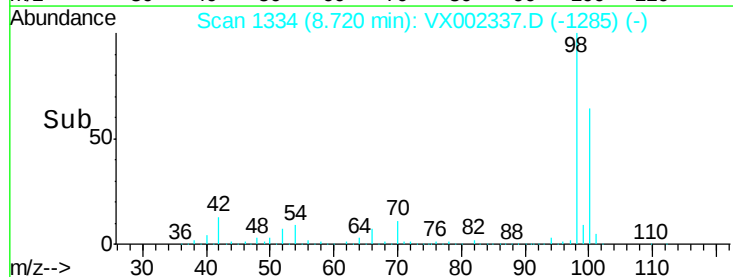
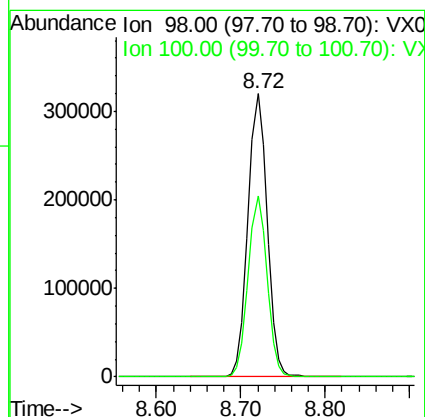
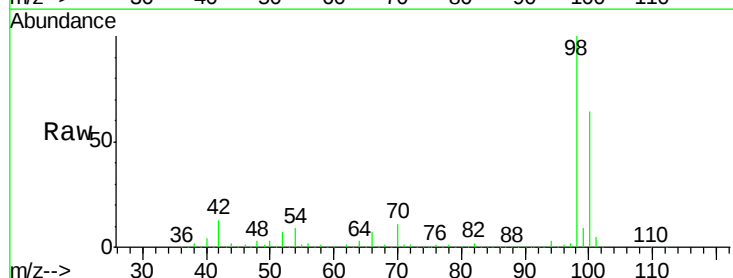
Instrument :
MSVOA_X
ClientSampleId :
MW-01

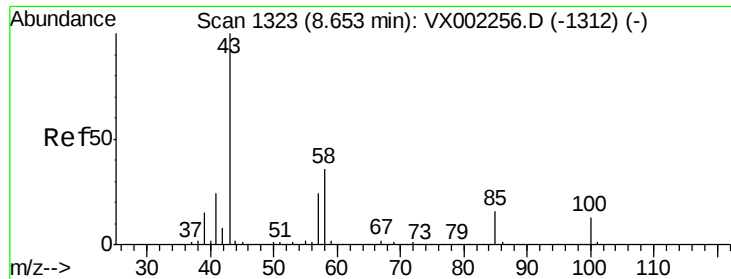
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 0.0 57.1 85.7#



#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion: 98 Resp: 489552
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

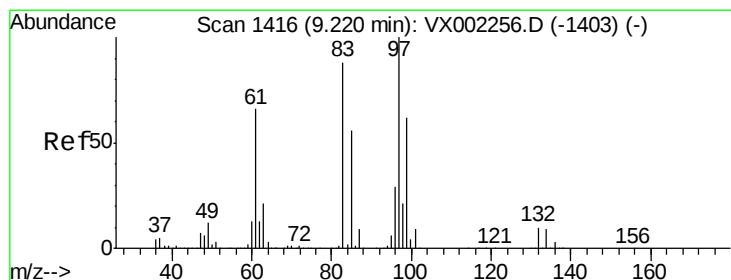
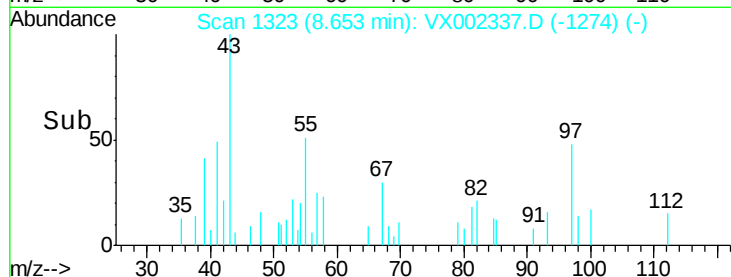
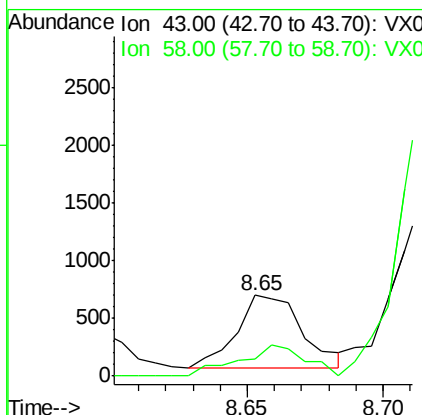
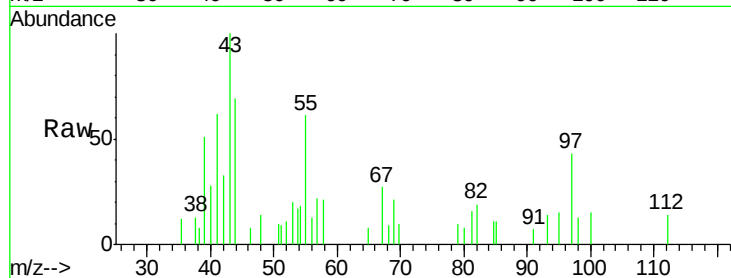




#51
 4-Methyl-2-Pentanone
 Concen: 0.23 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

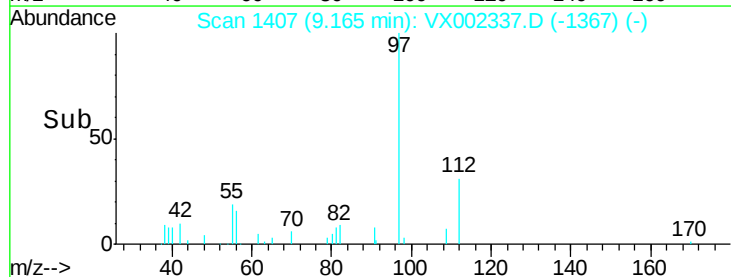
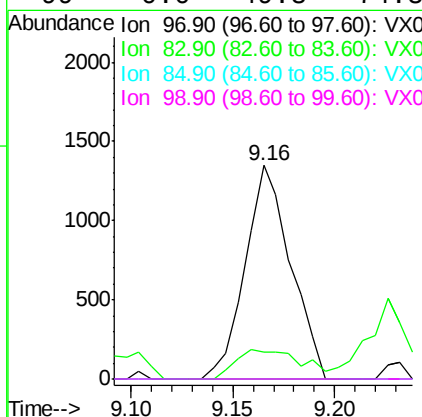
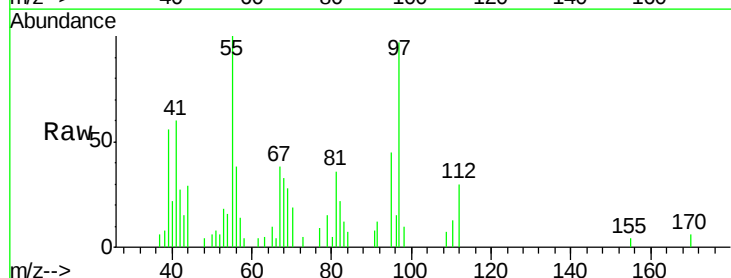
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

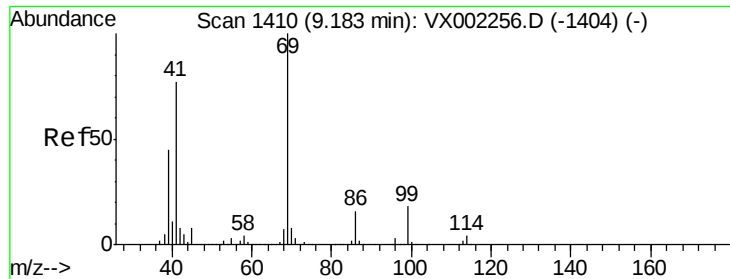
Tgt Ion: 43 Resp: 1042
 Ion Ratio Lower Upper
 43 100
 58 42.8 28.6 42.8



#55
 1,1,2-Trichloroethane
 Concen: 0.74 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion: 97 Resp: 2098
 Ion Ratio Lower Upper
 97 100
 83 12.5 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 0.24 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

MW-01

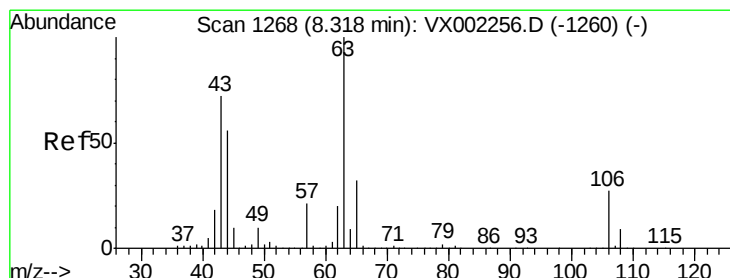
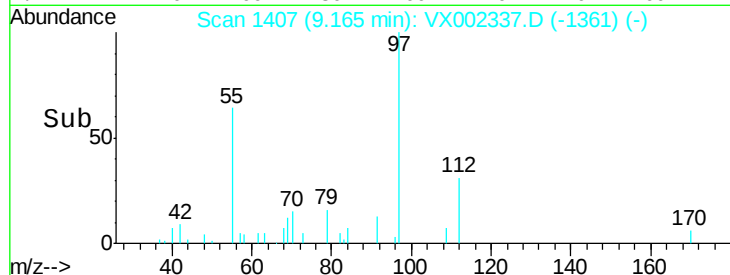
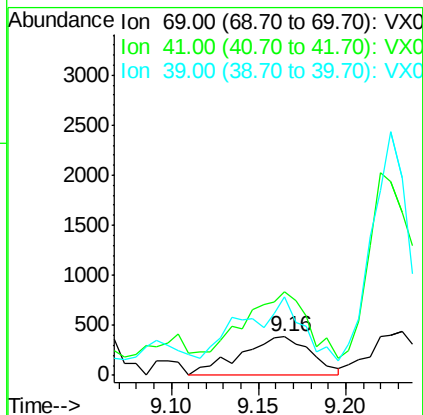
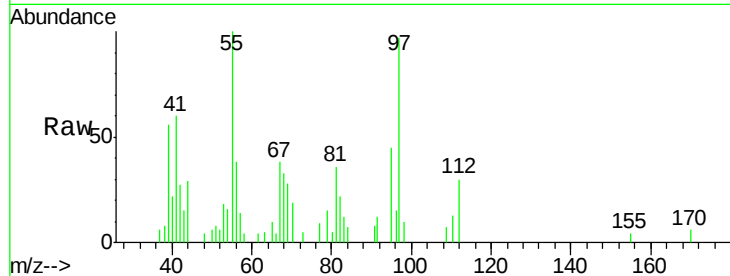
Tgt Ion: 69 Resp: 1092

Ion Ratio Lower Upper

69 100

41 148.4 60.3 90.5#

39 71.3 35.8 53.8#



#58

2-Chloroethyl Vinyl ether

Concen: 0.27 ug/l

RT: 8.22 min Scan# 1252

Delta R.T. -0.10 min

Lab File: VX002337.D

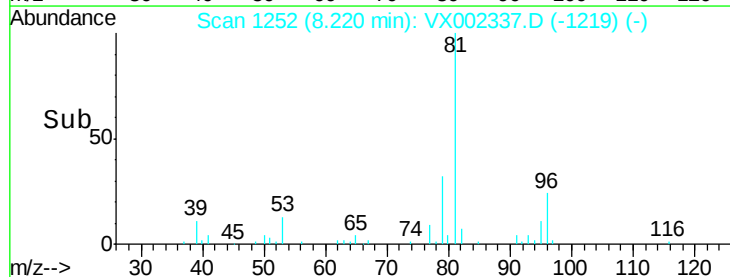
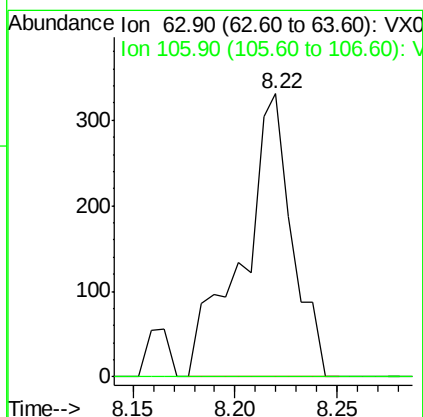
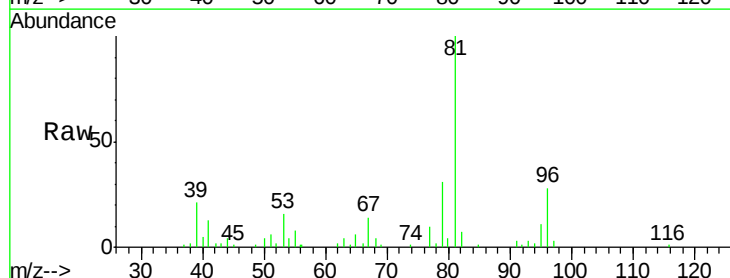
Acq: 06 Jun 2018 06:10

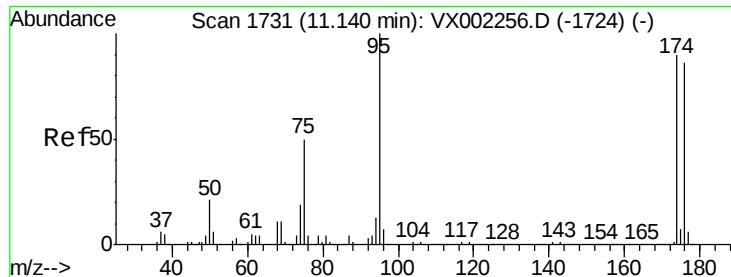
Tgt Ion: 63 Resp: 559

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#





#62

4-Bromofluorobenzene

Concen: 45.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-01

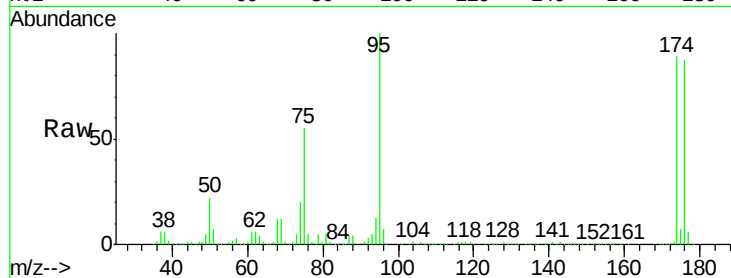
Tgt Ion: 95 Resp: 177848

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

176 91.4 0.0 181.0

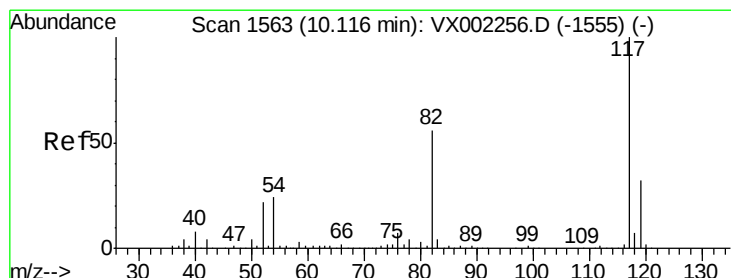
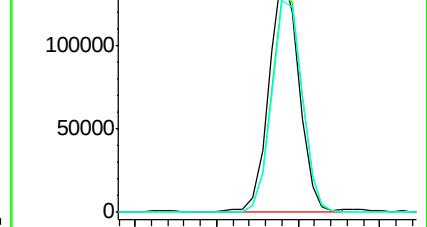
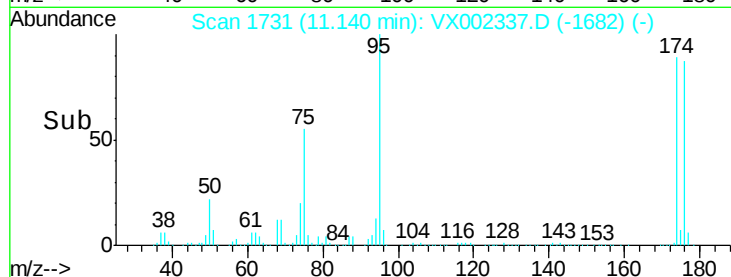


Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

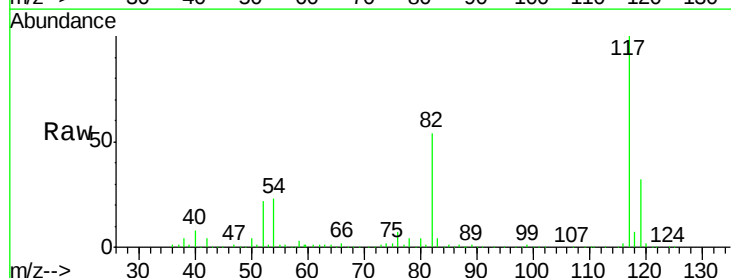
Tgt Ion: 117 Resp: 316290

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

119 31.6 25.8 38.6

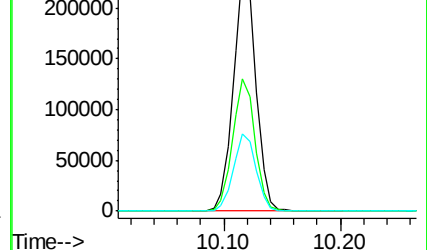
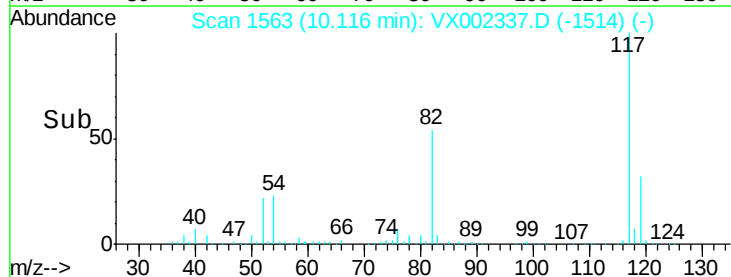


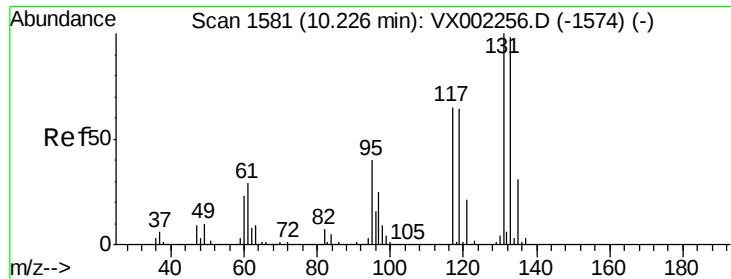
Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

Time-->

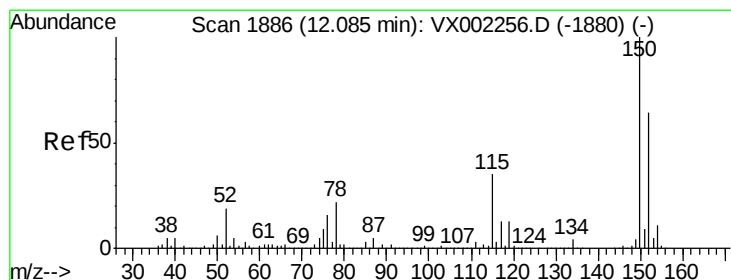
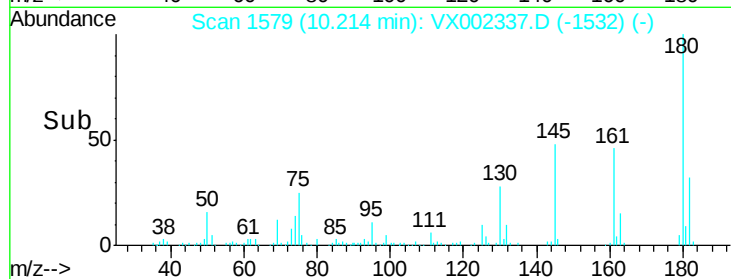
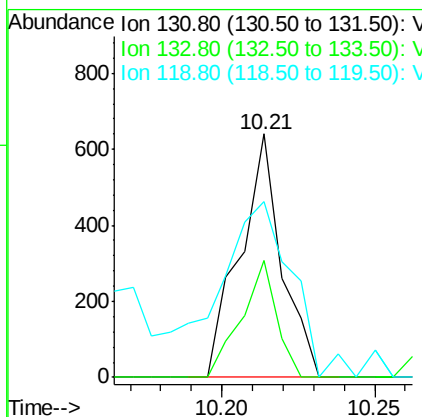
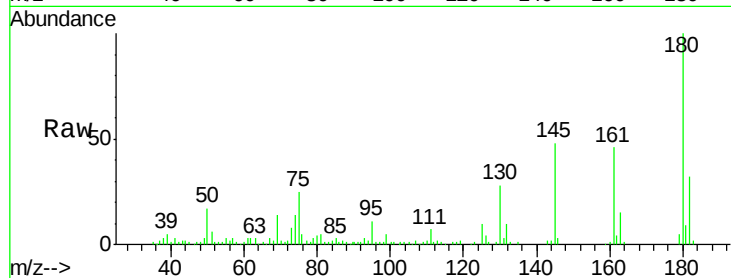




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.21 ug/l
 RT: 10.21 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

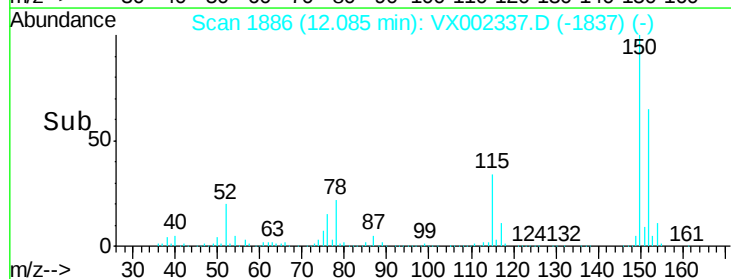
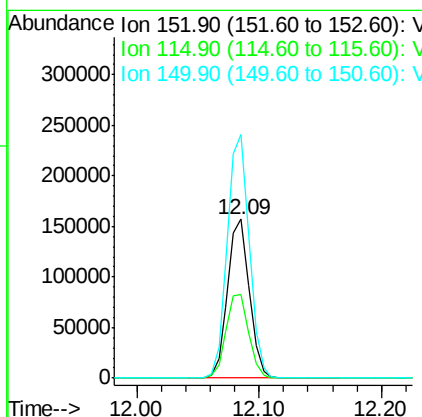
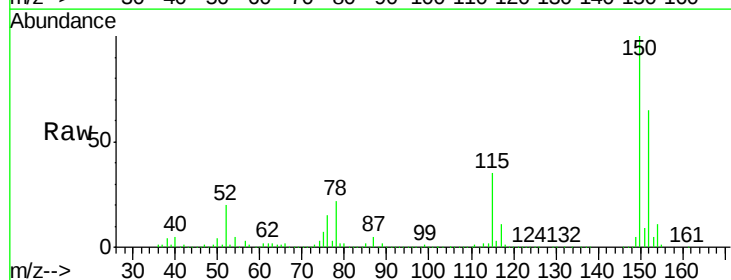
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

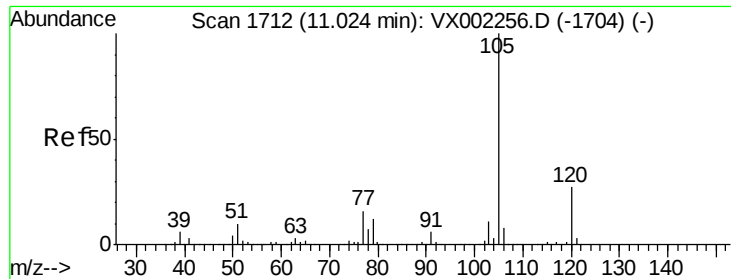
Tgt Ion:131 Resp: 606
 Ion Ratio Lower Upper
 131 100
 133 40.4 47.9 143.6#
 119 0.0 31.8 95.3#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion:152 Resp: 192206
 Ion Ratio Lower Upper
 152 100
 115 55.1 40.1 120.2
 150 154.9 0.0 347.2





#73

Isopropylbenzene

Concen: 7.71 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

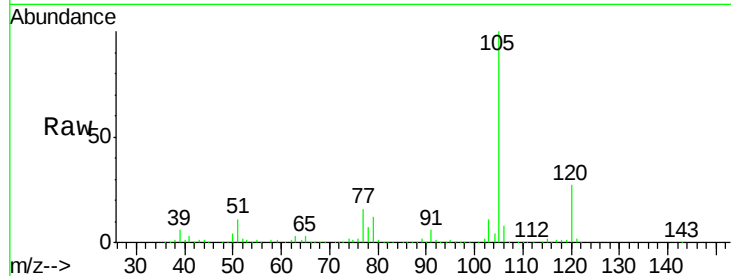
MW-01

Tgt Ion: 105 Resp: 103115

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

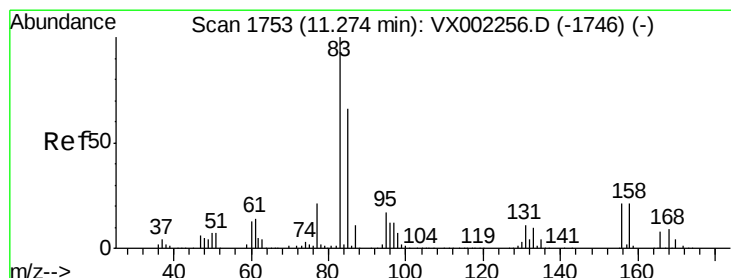
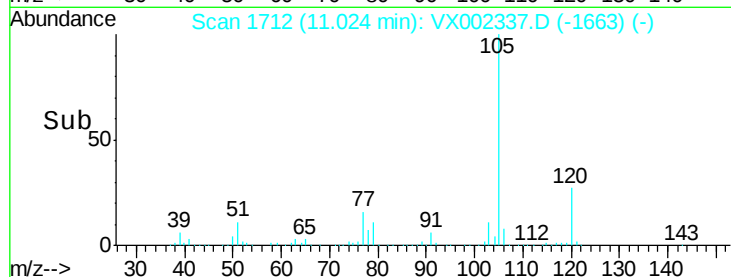
20000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.32 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

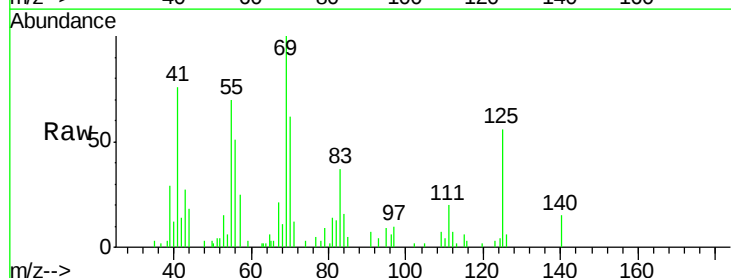
Tgt Ion: 83 Resp: 1331

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 30.8 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

1500

1000

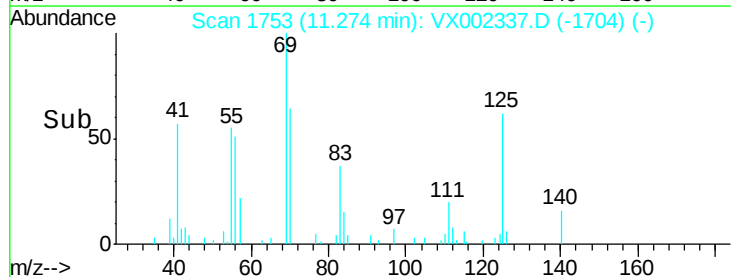
500

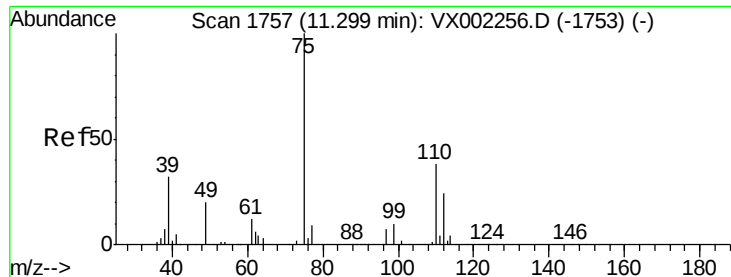
0

11.27

11.25 11.30

Time-->

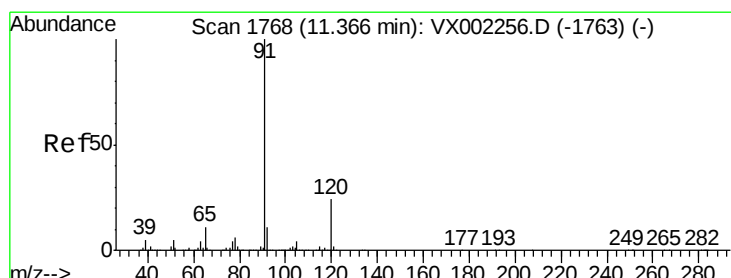
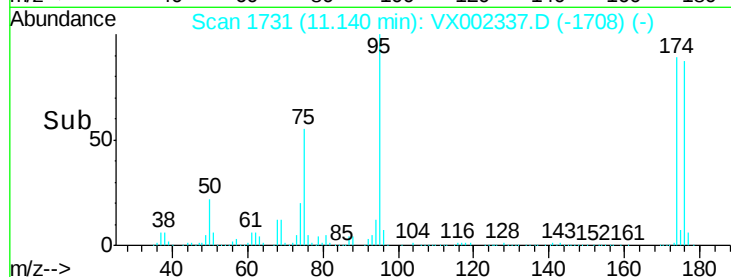
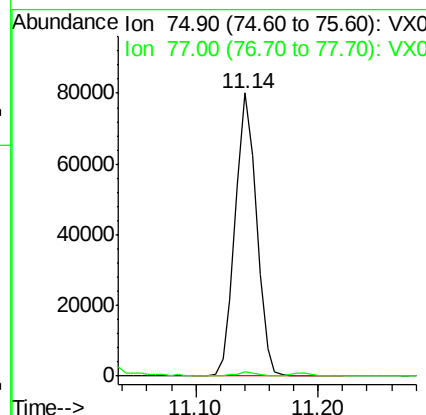
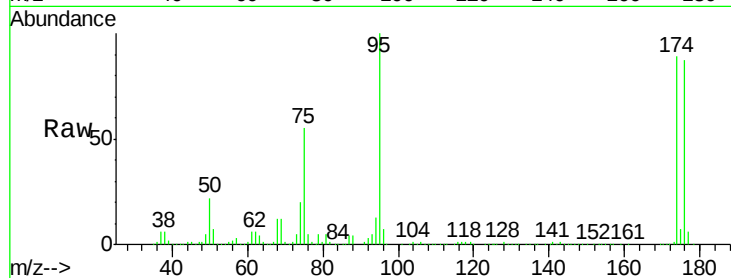




#76
 1,2,3-Trichloropropane
 Concen: 22.79 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

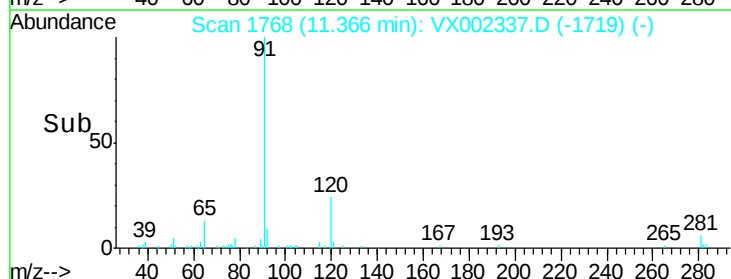
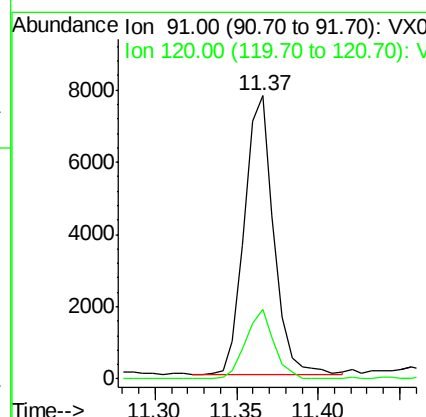
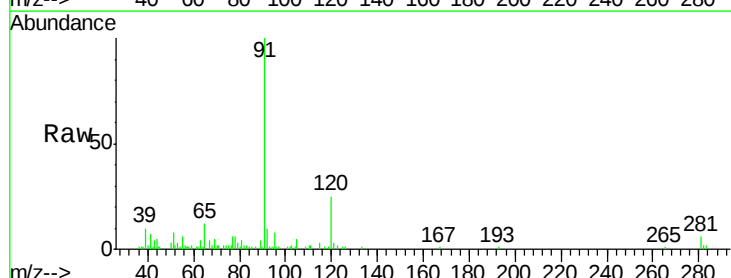
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

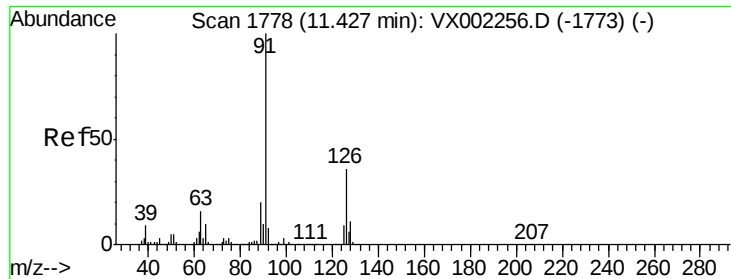
Tgt Ion: 75 Resp: 96108
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.65 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion: 91 Resp: 9727
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.8 35.4

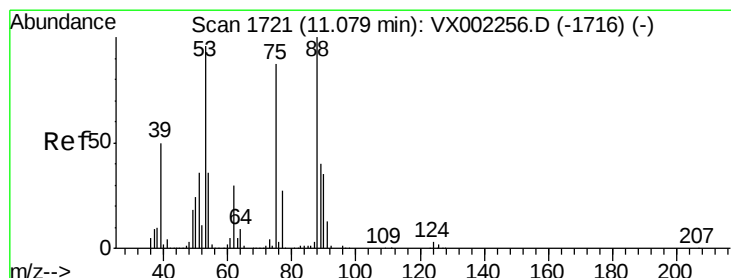
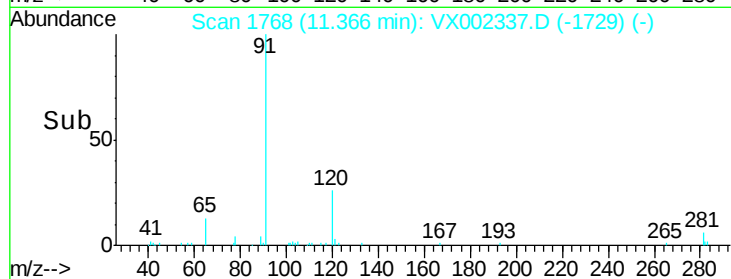
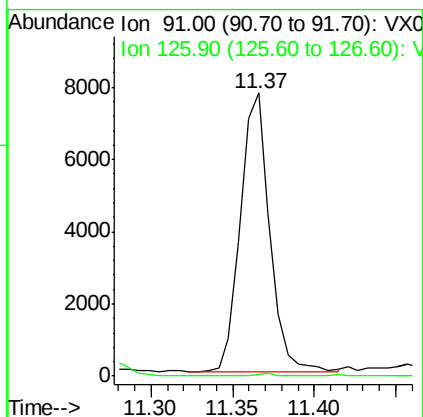
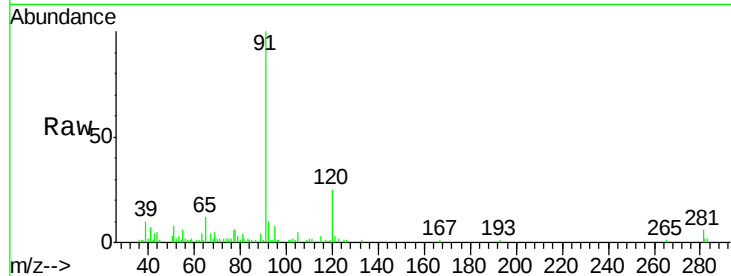




#79
 2-Chlorotoluene
 Concen: 1.04 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

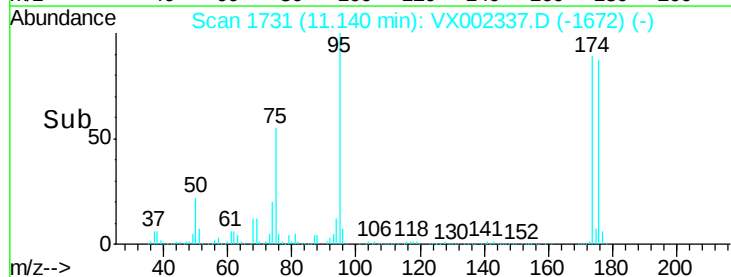
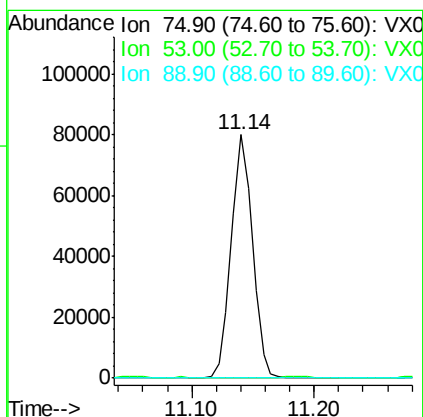
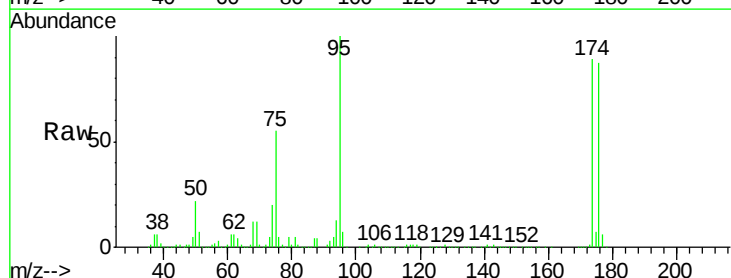
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

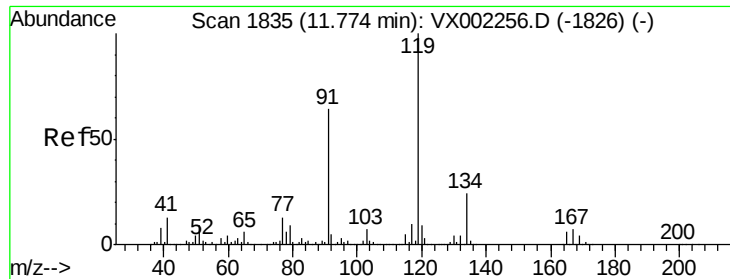
Tgt Ion: 91 Resp: 9727
 Ion Ratio Lower Upper
 91 100
 126 0.5 17.7 53.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.88 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion: 75 Resp: 96108
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 38.2 57.2#

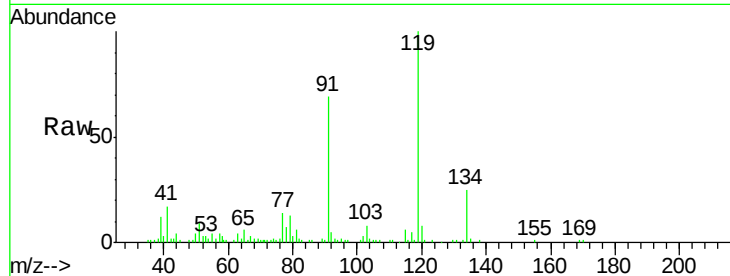




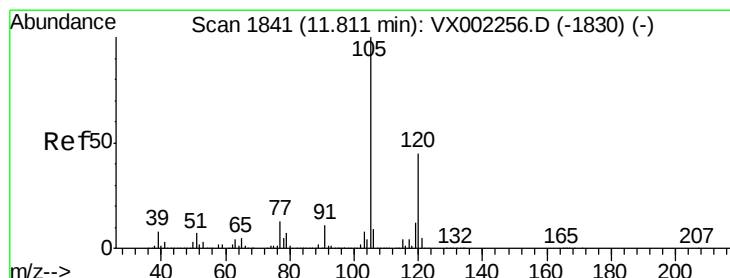
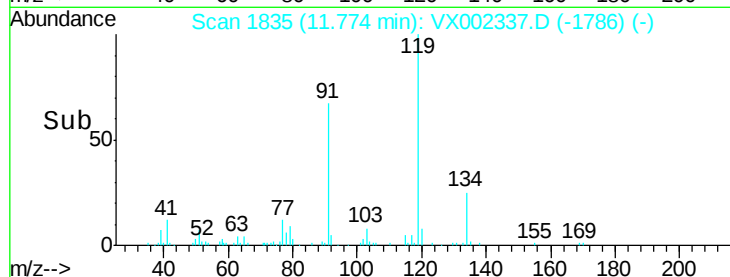
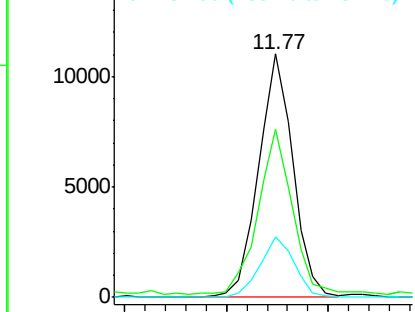
#83
 tert-Butylbenzene
 Concen: 1.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

Tgt Ion:119 Resp: 12937
 Ion Ratio Lower Upper
 119 100
 91 68.2 30.3 90.9
 134 24.9 11.7 35.1

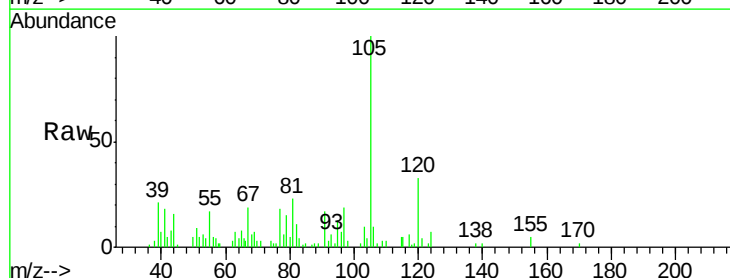


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

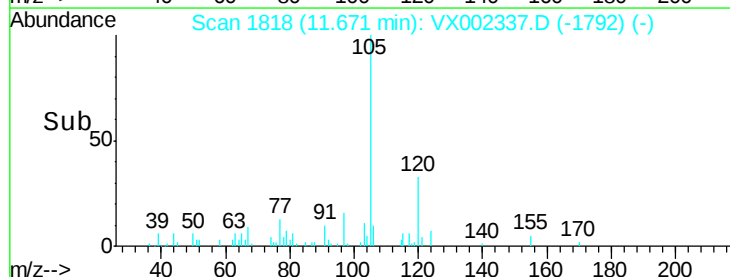
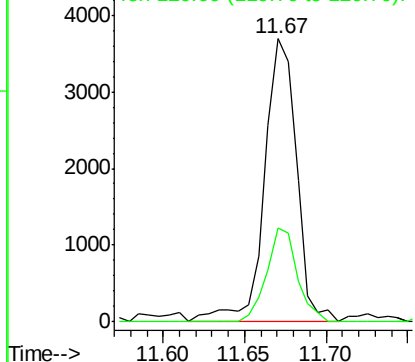


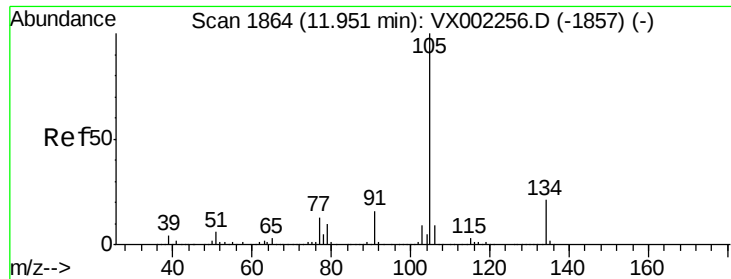
#84
 1,2,4-Trimethylbenzene
 Concen: 0.43 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion:105 Resp: 5061
 Ion Ratio Lower Upper
 105 100
 120 31.4 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

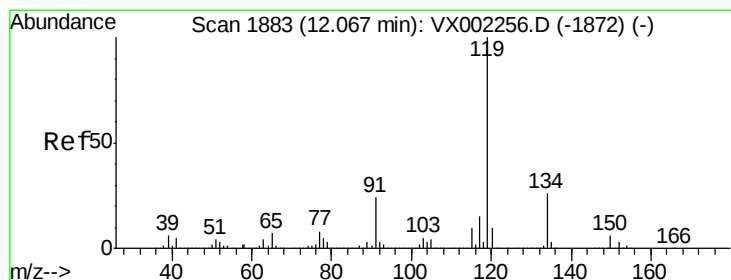
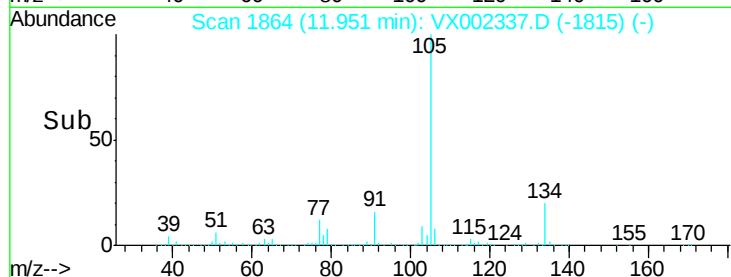
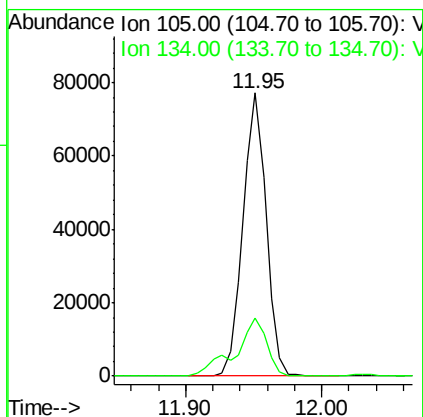
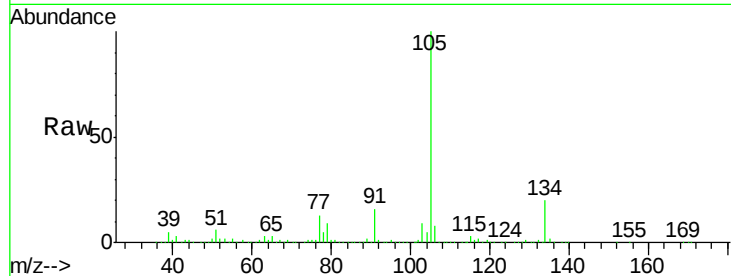




#85
 sec-Butylbenzene
 Concen: 7.02 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

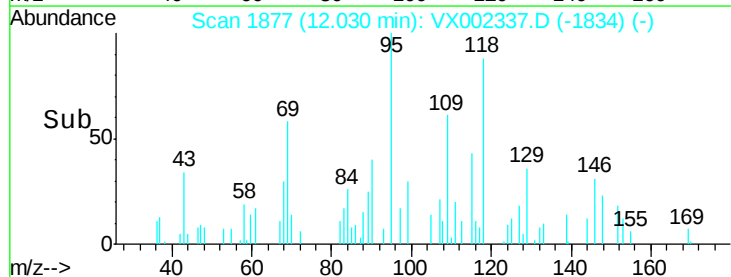
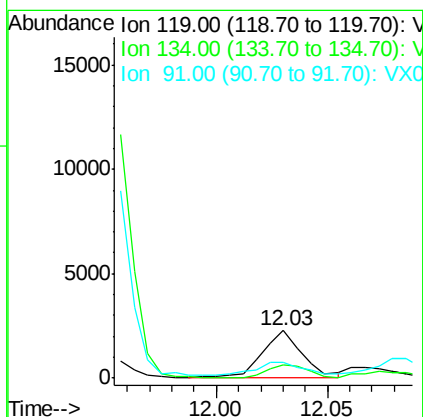
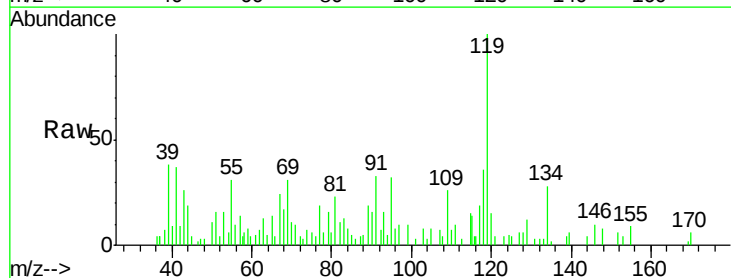
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

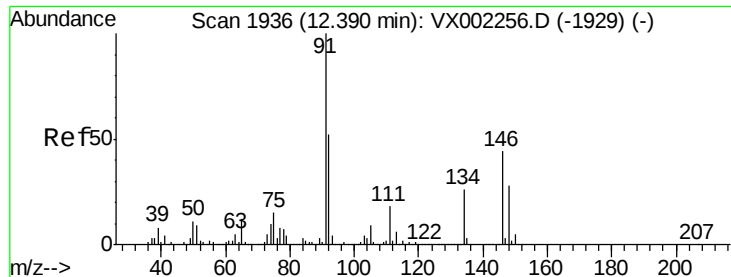
Tgt Ion:105 Resp: 91943
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion:119 Resp: 2919
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.1
 91 27.4 11.9 35.7

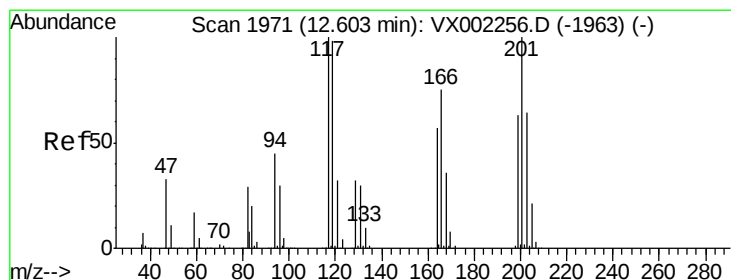
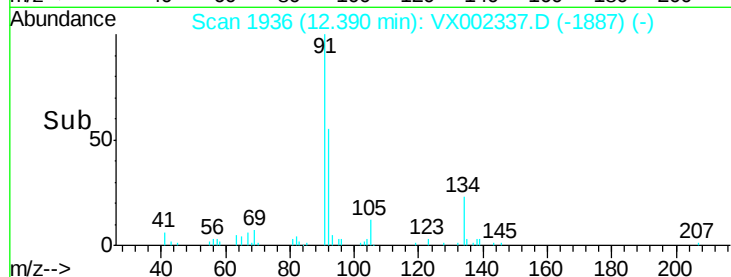
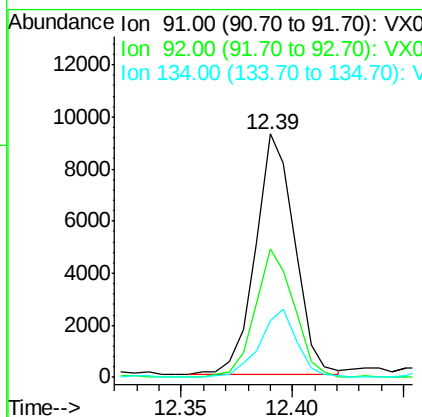
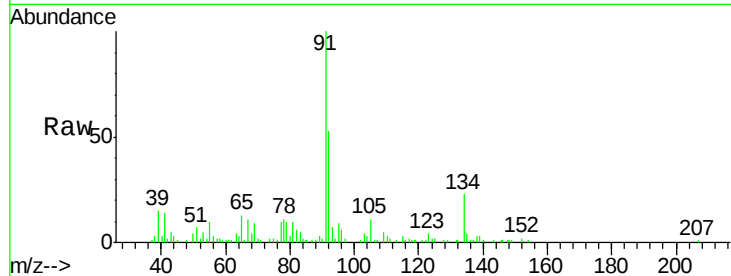




#89
n-Butylbenzene
Concen: 1.13 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Instrument :
MSVOA_X
ClientSampled :
MW-01

Tgt Ion: 91 Resp: 11264
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 12.76 min Scan# 1997
Delta R.T. 0.16 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion: 117 Resp: 37053
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

