

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049667.D
 Acq On : 2 Jul 2018 14:18
 Operator : MD\SY
 Sample : J3811-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jul 03 03:46:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1413827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2221218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1875527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	792731	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	935790	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
35) Dibromofluoromethane	7.59	113	814346	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	10.09	98	3012531	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.40	95	881010	39.70	ug/l	0.00
Spiked Amount			Recovery	=	79.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	8842	0.44	ug/l	93
13) Acrolein	3.61	56	1568	1.57	ug/l	# 67
16) Acetone	3.82	43	23838	Below	Cal	98
17) Carbon Disulfide	4.05	76	2869	Below	Cal	# 94
18) Methyl Acetate	4.34	43	44052	Below	Cal	98
29) Tetrahydrofuran	7.22	42	1481	0.37	ug/l	# 36
36) 1,1-Dichloropropene	7.67	75	94101	3.77	ug/l	# 50
38) Carbon Tetrachloride	7.67	117	121228	4.99	ug/l	# 17
43) Isopropyl Acetate	8.22	43	53112	1.27	ug/l	# 62
49) 1,4-Dioxane	9.19	88	511	2.93	ug/l	# 82
59) 2-Hexanone	10.76	43	2125	0.22	ug/l	88
60) Dibromochloromethane	10.64	129	6287	0.34	ug/l	# 11
64) Tetrachloroethene	10.63	164	7162	0.28	ug/l	90
68) m/p-Xylenes	11.62	106	13453	0.43	ug/l	93
69) o-Xylene	11.95	106	13025	0.44	ug/l	92
71) Bromoform	12.41	173	6174	0.53	ug/l	# 1
73) Isopropylbenzene	12.25	105	18054	0.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	323	Below	Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	431948	33.97	ug/l	# 100
78) n-propylbenzene	12.59	91	52990	0.73	ug/l	98
79) 2-Chlorotoluene	12.66	91	41541	0.91	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.73	105	419783	8.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	431948	115.39	ug/l	# 13
82) 4-Chlorotoluene	12.73	91	40124	0.87	ug/l	# 40
83) tert-Butylbenzene	12.99	119	10776	0.24	ug/l	84
84) 1,2,4-Trimethylbenzene	13.04	105	837731	15.54	ug/l	99
85) sec-Butylbenzene	13.17	105	38890	0.65	ug/l	79
86) p-Isopropyltoluene	13.29	119	46007	0.89	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	1670	Below	Cal	74
88) 1,4-Dichlorobenzene	13.29	146	1670	Below	Cal	74
89) n-Butylbenzene	13.58	91	11232	0.25	ug/l	# 1
90) Hexachloroethane	13.89	117	5733	1.06	ug/l	# 4
91) 1,2-Dichlorobenzene	13.65	146	1973	Below	Cal	87
92) 1,2-Dibromo-3-Chloropropan	14.28	75	62	Below	Cal	# 1

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Response via : Initial Calibration

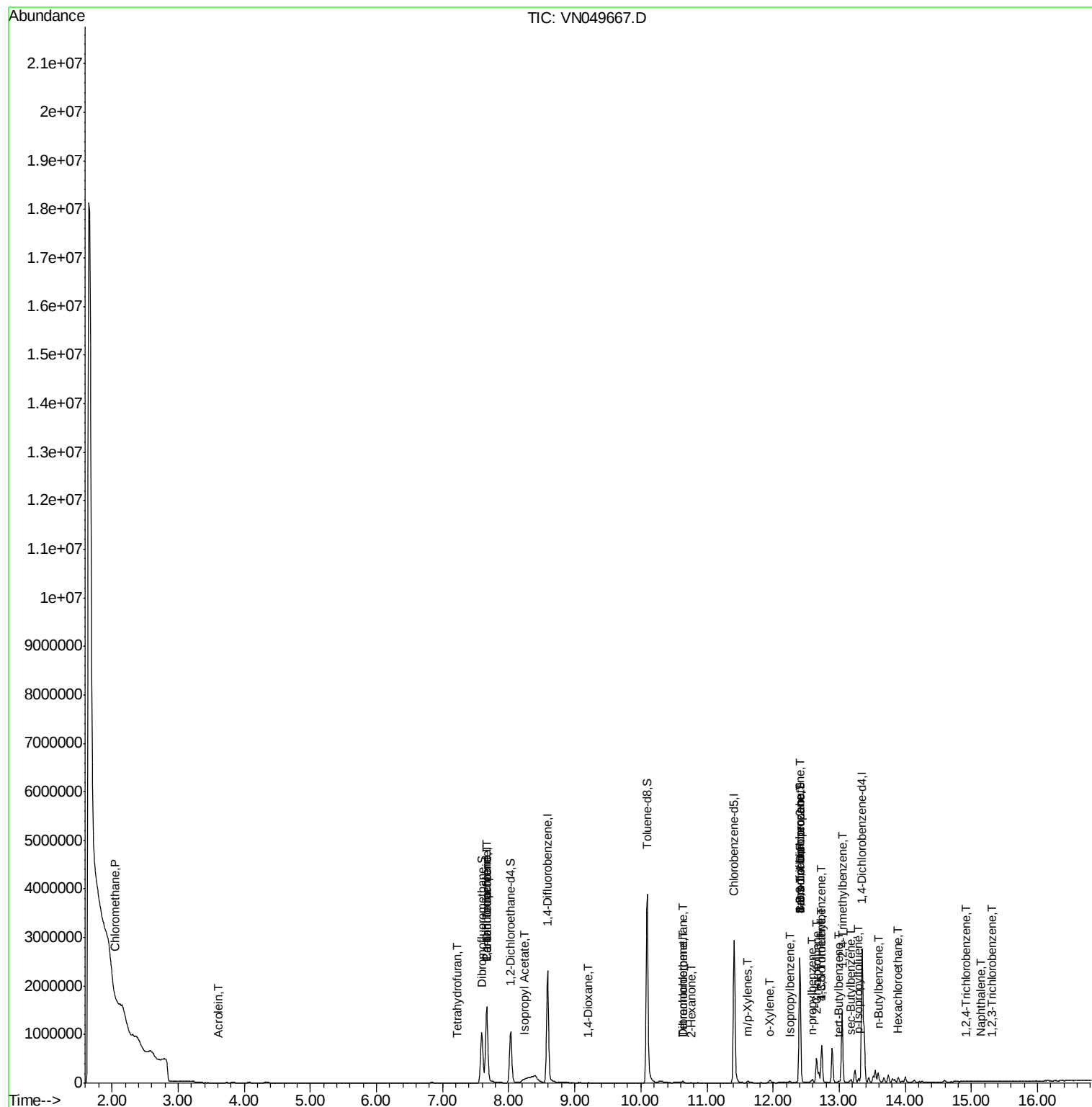
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1990	2.53	ug/l #	54
94) Hexachlorobutadiene	15.01	225	472	Below Cal	#	56
95) Naphthalene	15.13	128	3653	4.14	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.31	180	1743	1.77	ug/l	85

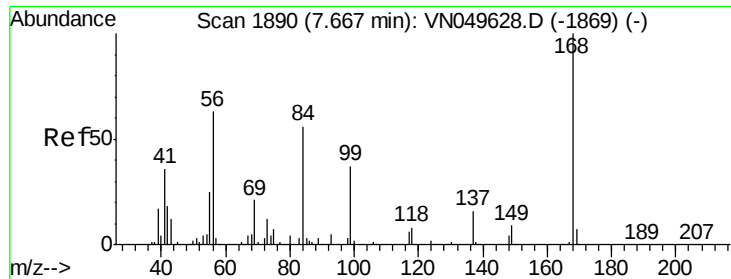
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

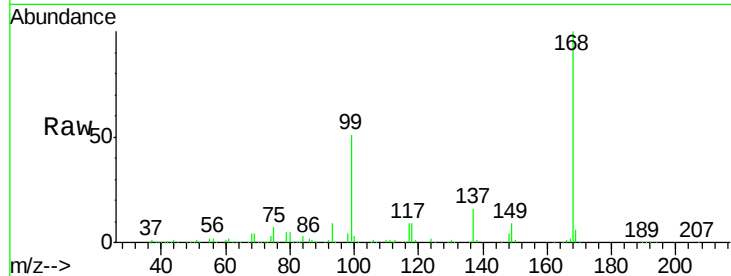
MW-1

Tot Ion:168 Resp: 1413827

Ion Ratio Lower Upper

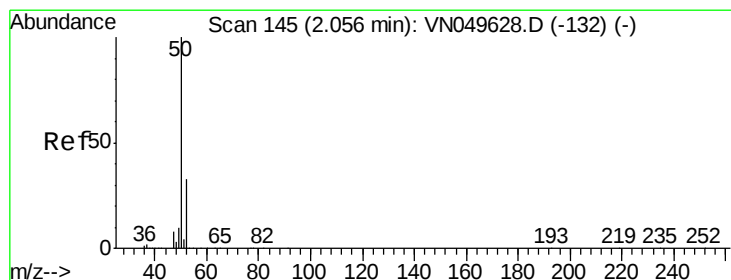
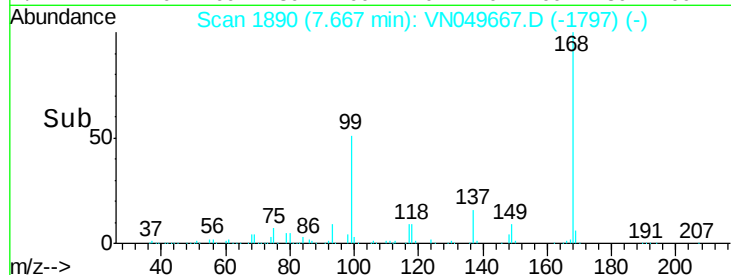
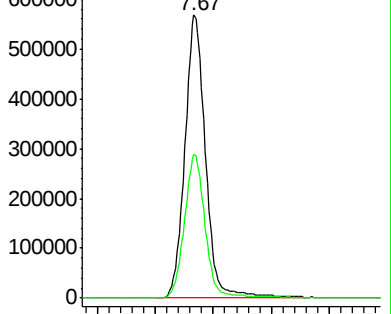
168 100

99 51.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.44 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049667.D

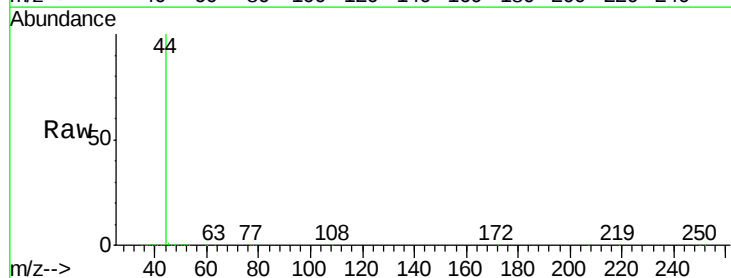
Acq: 2 Jul 2018 14:18

Tgt Ion: 50 Resp: 8842

Ion Ratio Lower Upper

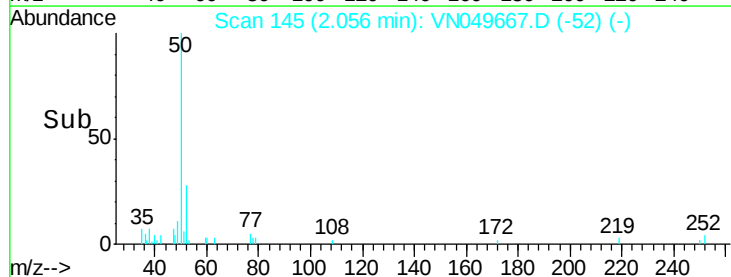
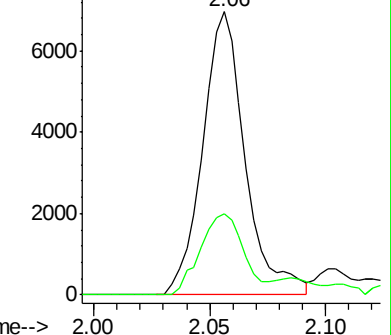
50 100

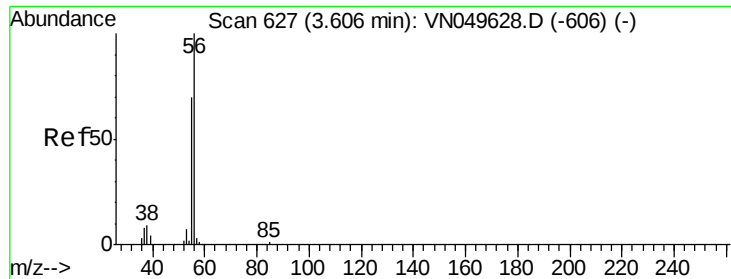
52 28.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#13

Acrolein

Concen: 1.57 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

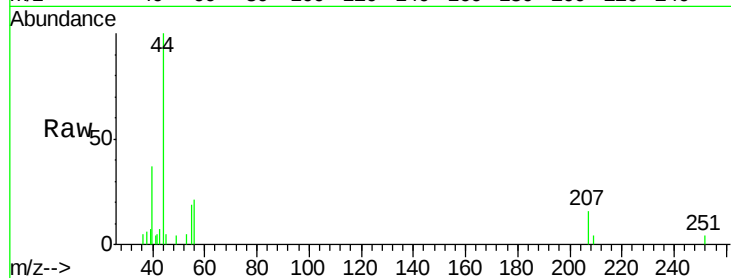
MW-1

Tot Ion: 56 Resp: 1568

Ion Ratio Lower Upper

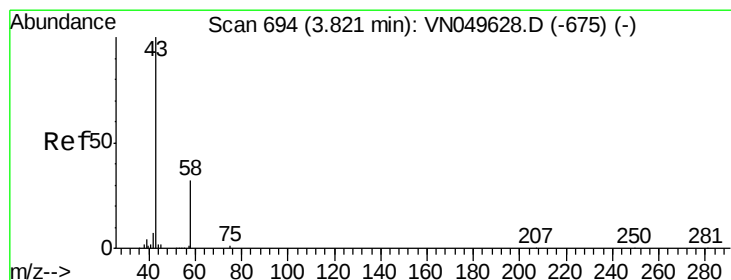
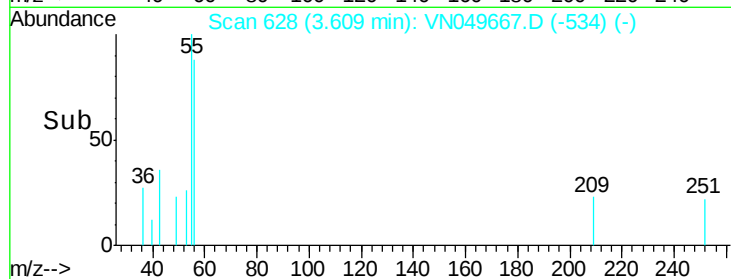
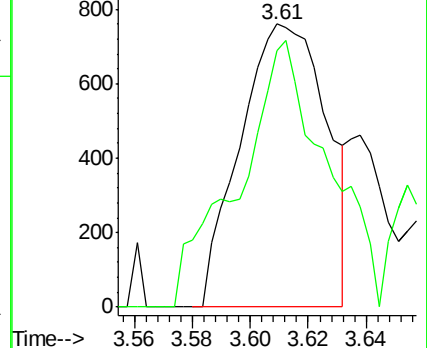
56 100

55 96.9 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049667.D

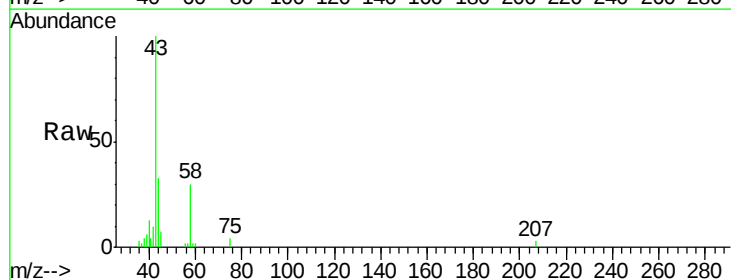
Acq: 2 Jul 2018 14:18

Tgt Ion: 43 Resp: 23838

Ion Ratio Lower Upper

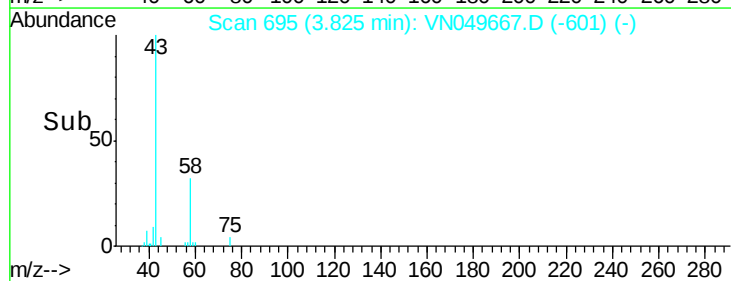
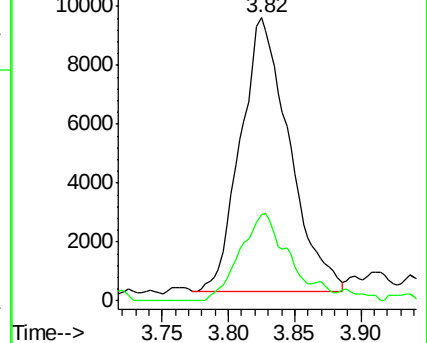
43 100

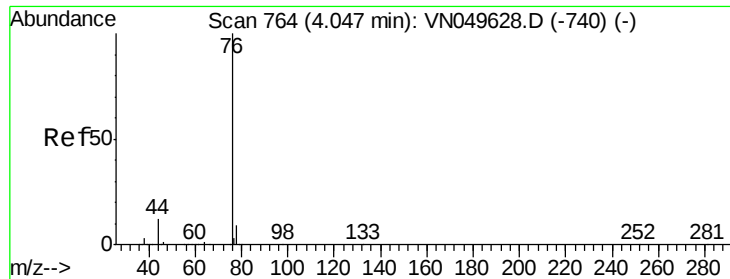
58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

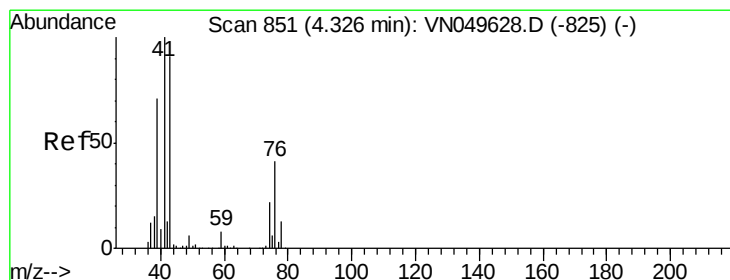
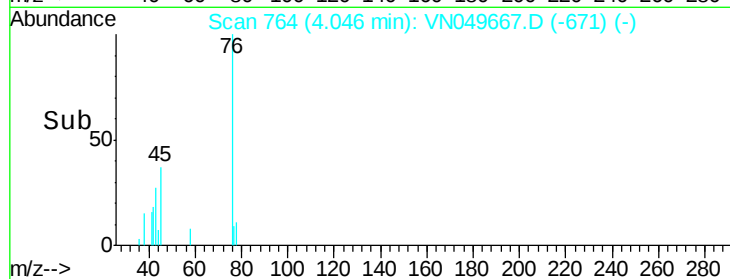
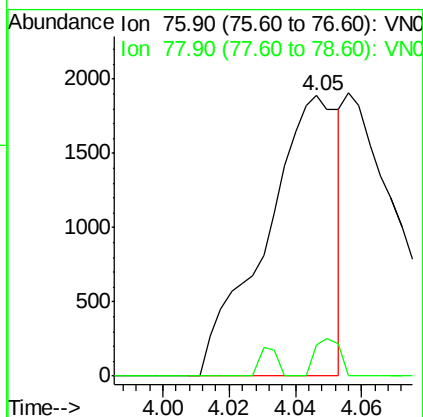
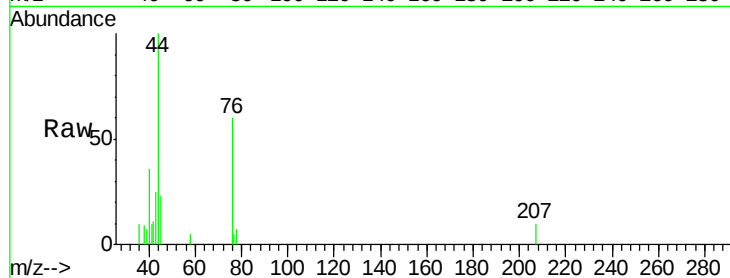




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

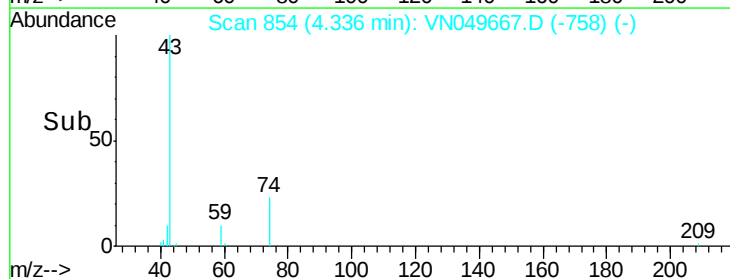
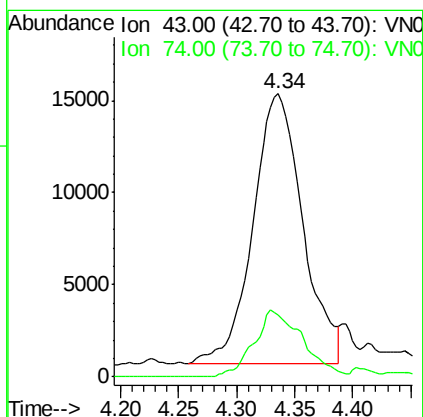
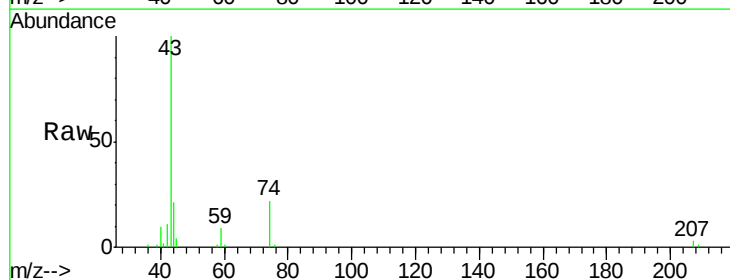
Instrument :
MSVOA_N
ClientSampled :
MW-1

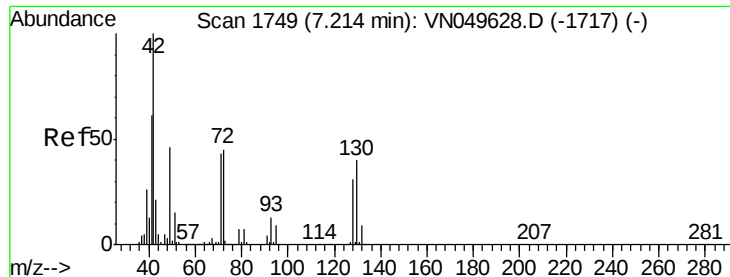
Tot Ion: 76 Resp: 2869
Ion Ratio Lower Upper
76 100
78 11.2 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion: 43 Resp: 44052
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.8

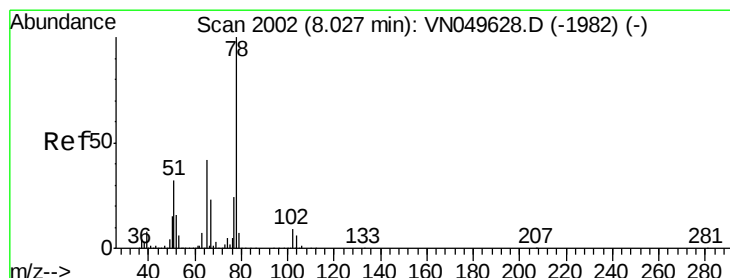
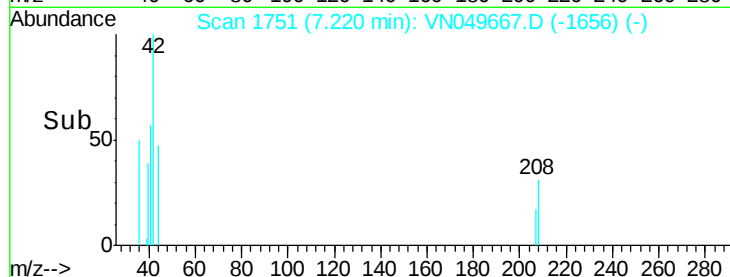
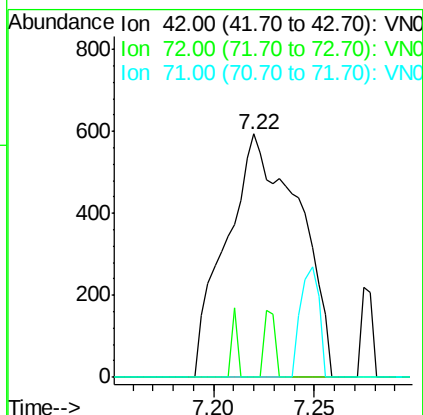
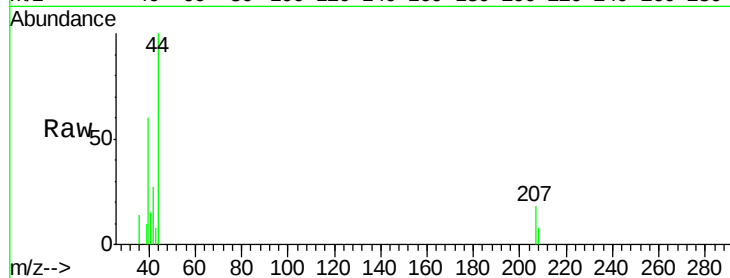




#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

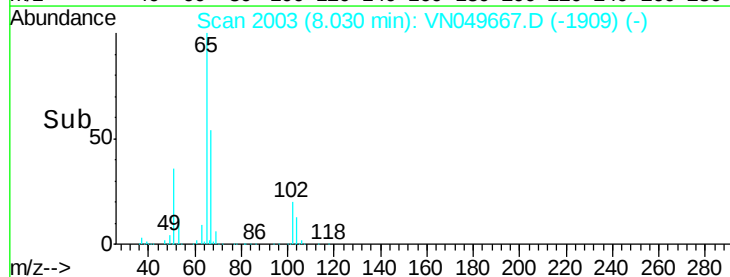
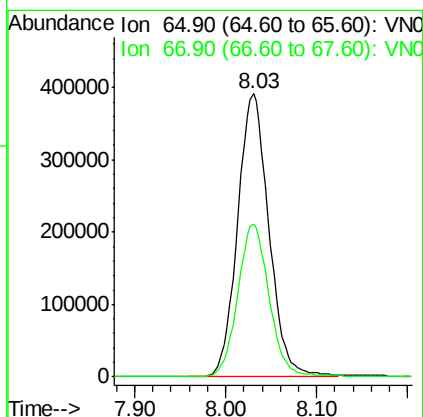
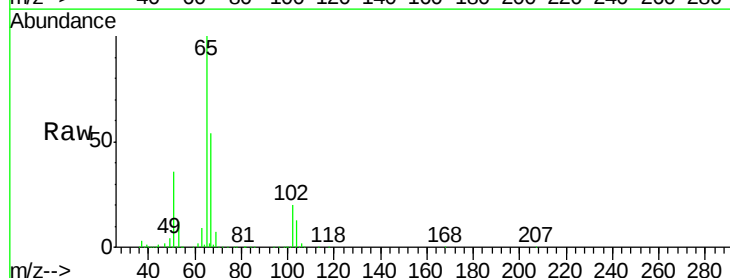
Instrument :
MSVOA_N
ClientSampleId :
MW-1

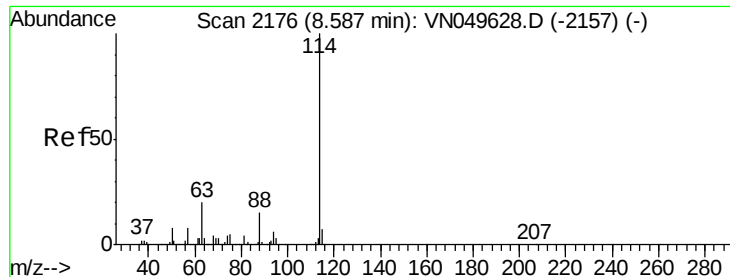
Tot Ion: 42 Resp: 1481
Ion Ratio Lower Upper
42 100
72 4.1 35.6 53.4#
71 0.0 34.0 51.0#



#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion: 65 Resp: 935790
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2

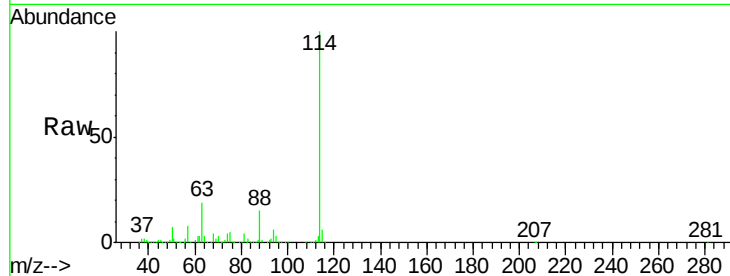




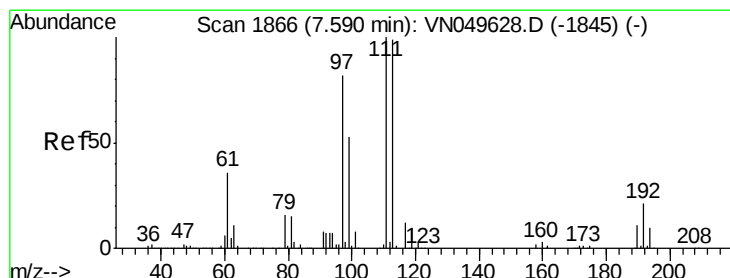
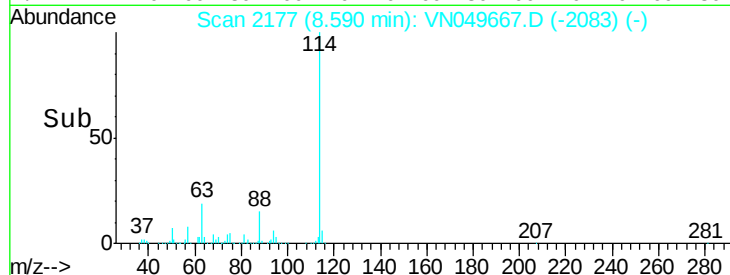
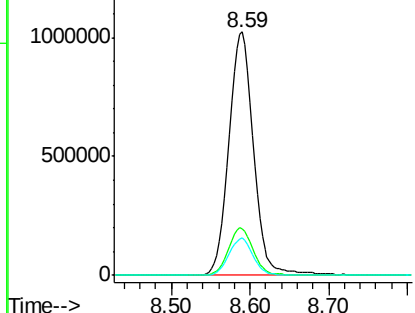
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tot Ion:114 Resp: 2221218
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 30.6

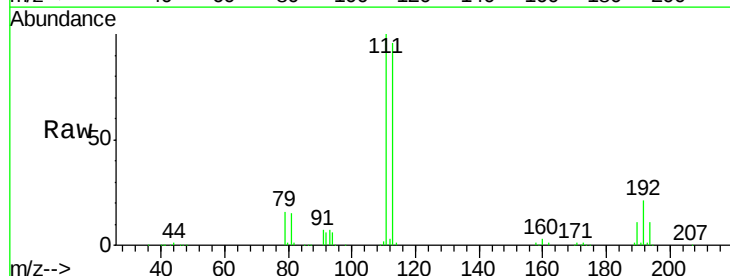


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

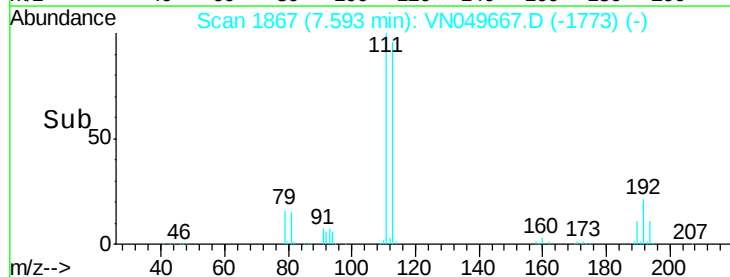
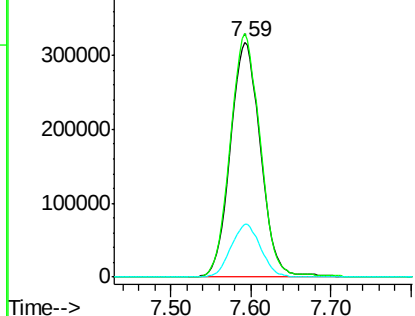


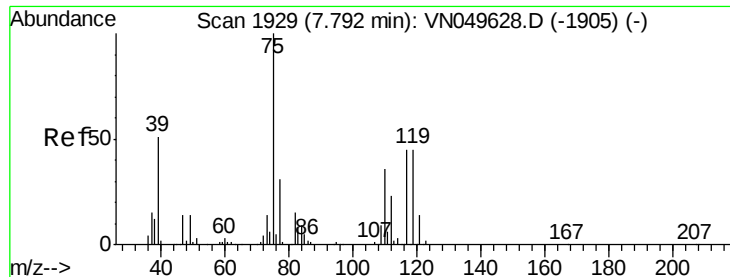
#35
 Dibromofluoromethane
 Concen: 49.04 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion:113 Resp: 814346
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 22.2 17.8 26.6



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

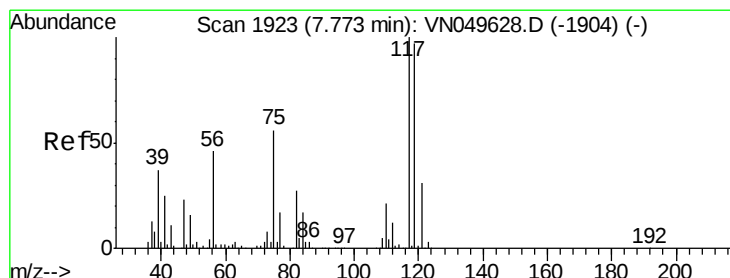
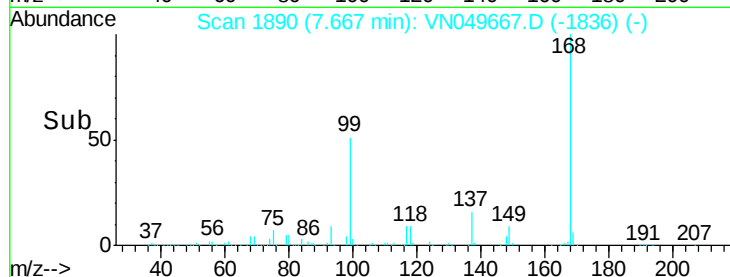
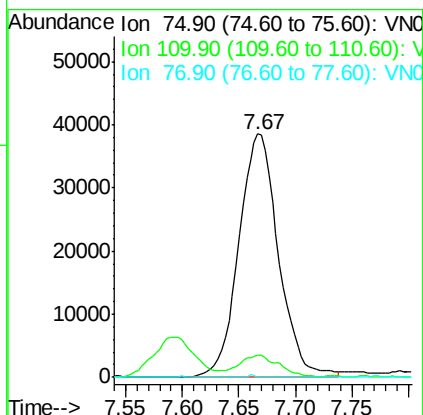
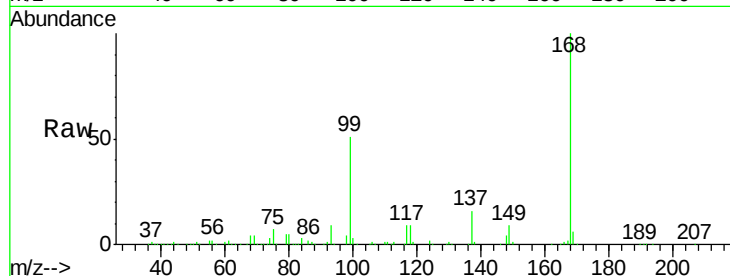




#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

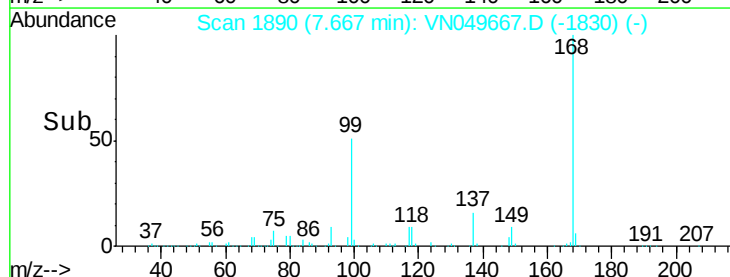
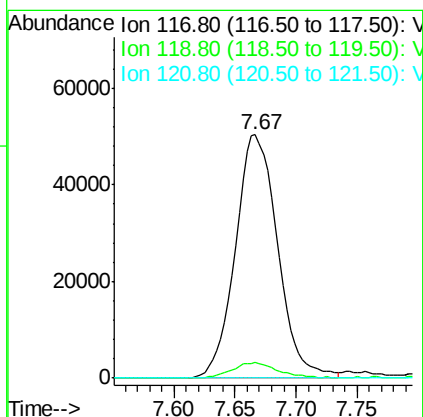
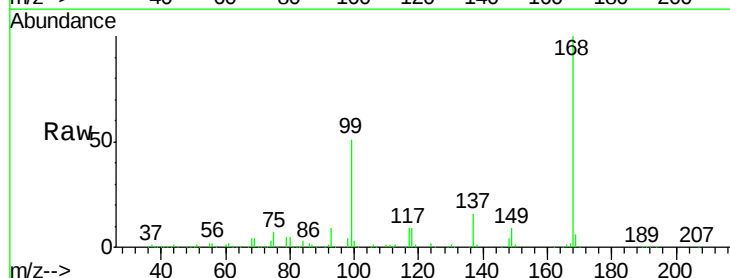
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

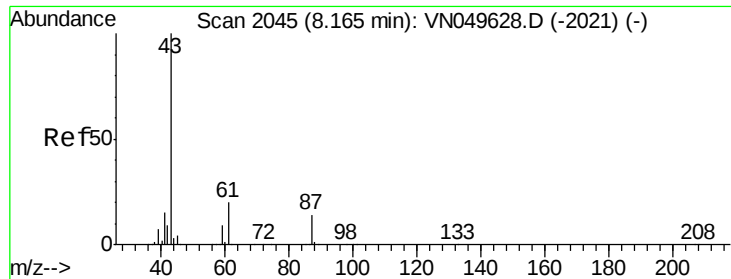
Tot Ion: 75 Resp: 94101
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.4#
 77 0.1 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.99 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion: 117 Resp: 121228
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.2 115.8#
 121 0.0 25.0 37.6#

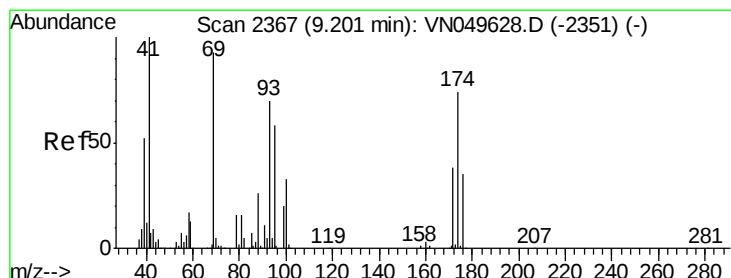
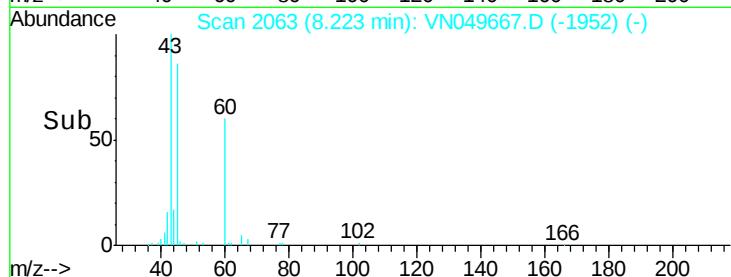
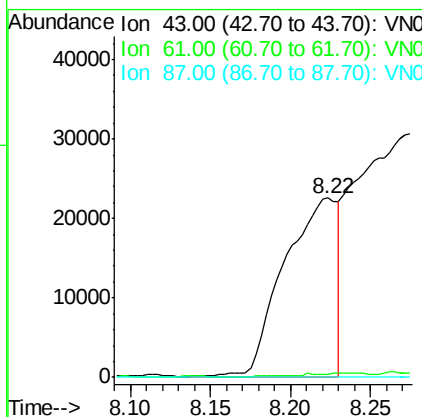
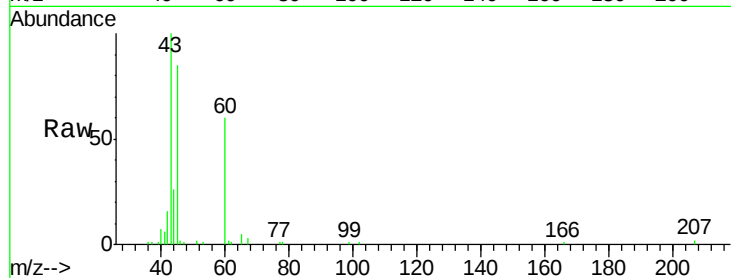




#43
Isopropyl Acetate
Concen: 1.27 ug/l
RT: 8.22 min Scan# 2063
Delta R.T. 0.06 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

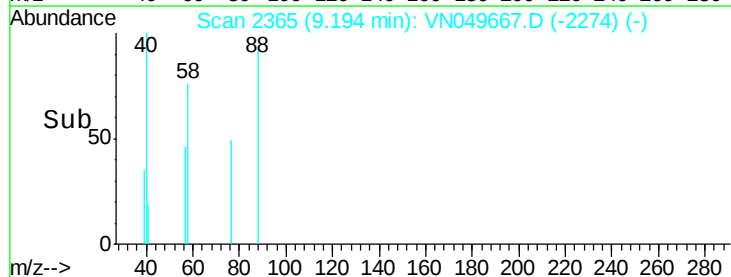
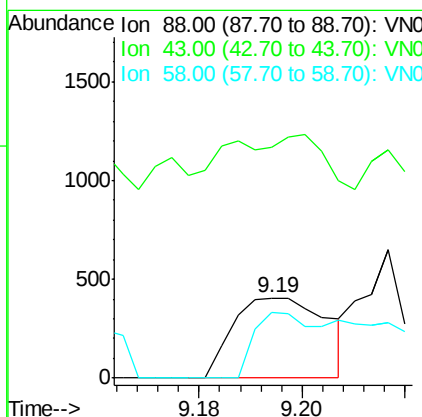
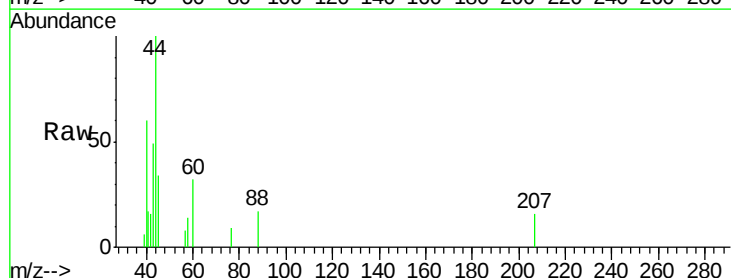
Instrument :
MSVOA_N
ClientSampled :
MW-1

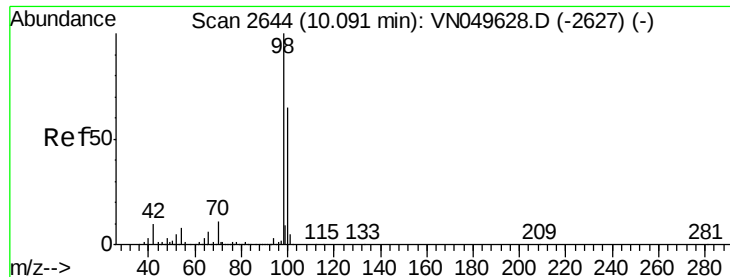
Tot Ion: 43 Resp: 53112
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
87 0.0 10.0 15.0#



#49
1,4-Dioxane
Concen: 2.93 ug/l
RT: 9.19 min Scan# 2365
Delta R.T. -0.01 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 17.4 25.1 37.7#
58 54.2 52.5 78.7





#50

Toluene-d8

Concen: 46.35 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

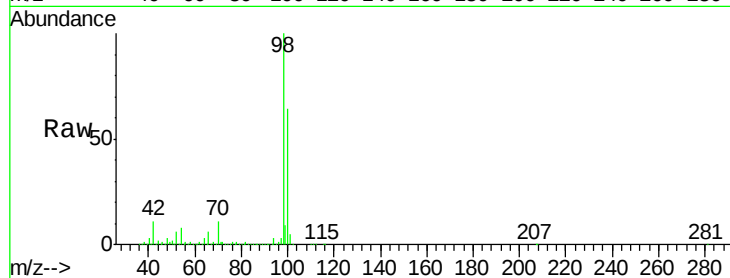
MW-1

Tot Ion: 98 Resp: 3012531

Ion Ratio Lower Upper

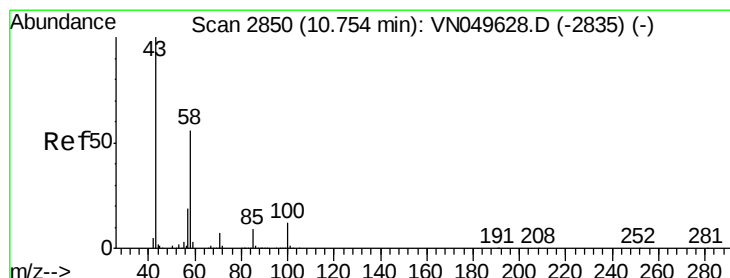
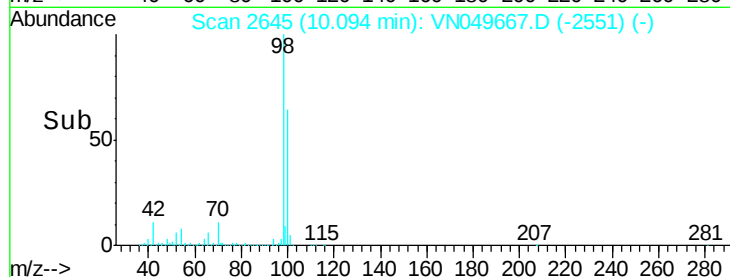
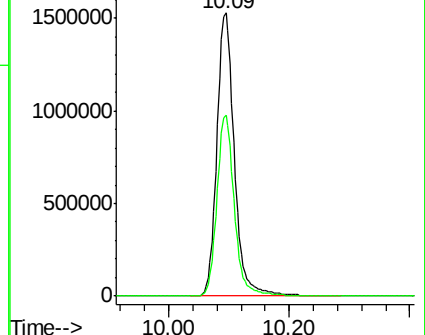
98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)



#59

2-Hexanone

Concen: 0.22 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049667.D

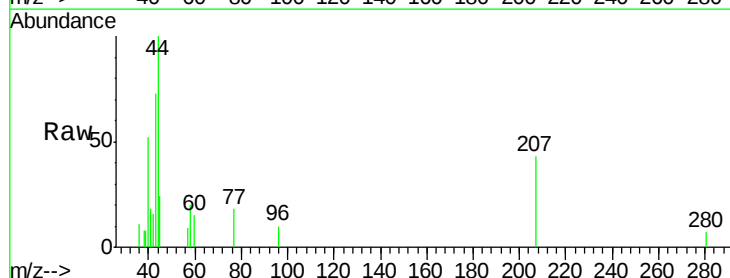
Acq: 2 Jul 2018 14:18

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

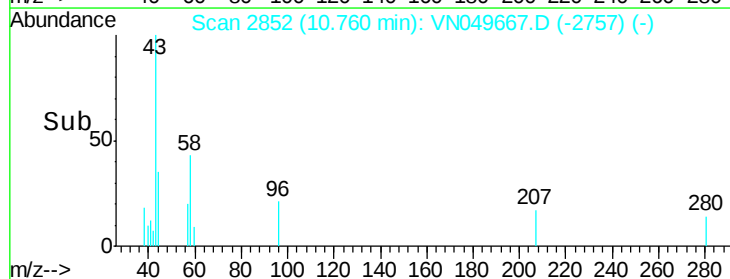
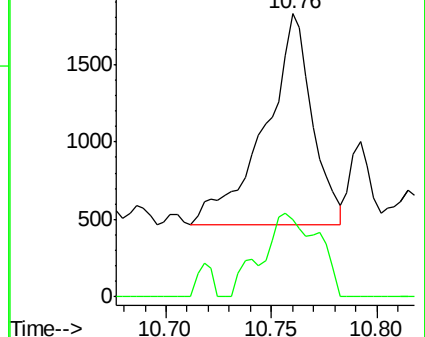
43 100

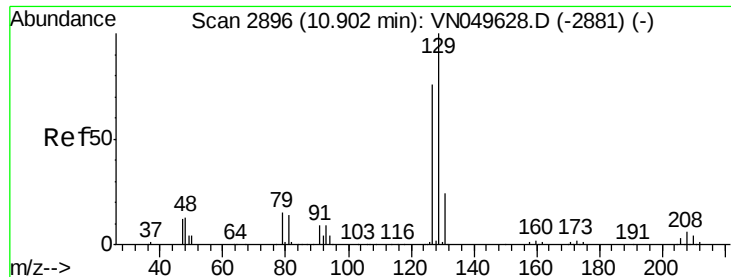
58 47.1 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2835) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2835) (-)

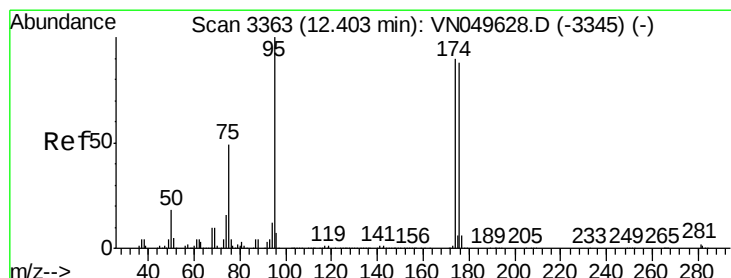
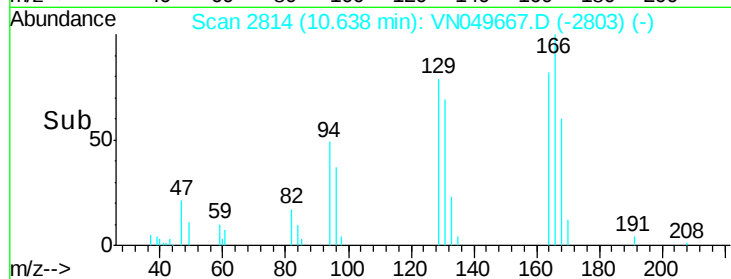
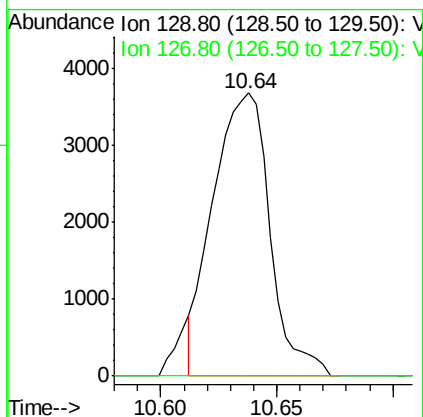
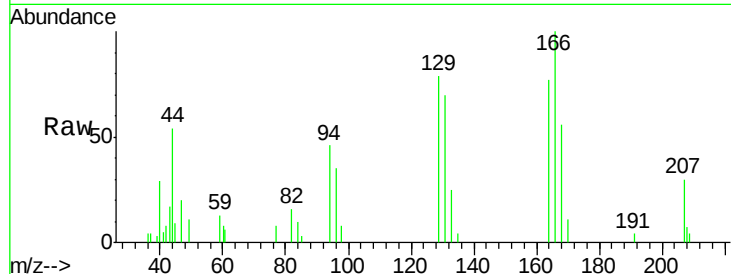




#60
Dibromochloromethane
Concen: 0.34 ug/l
RT: 10.64 min Scan# 2814
Delta R.T. -0.26 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

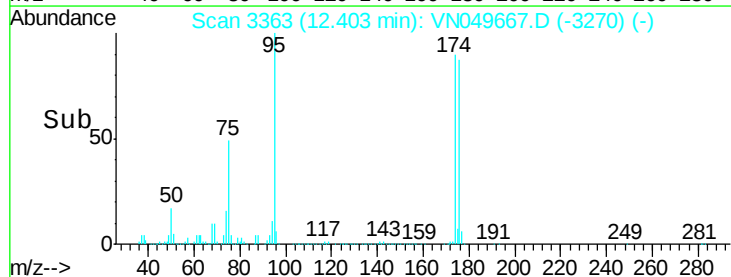
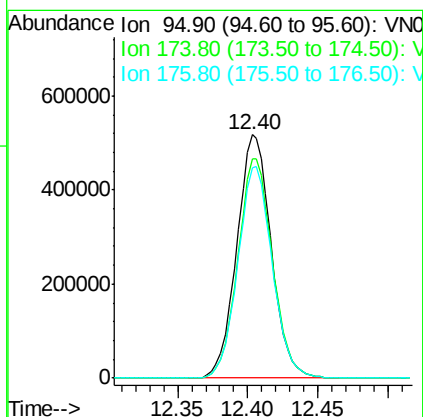
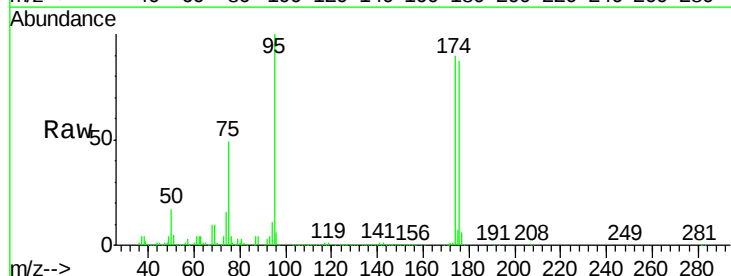
Instrument :
MSVOA_N
ClientSampled :
MW-1

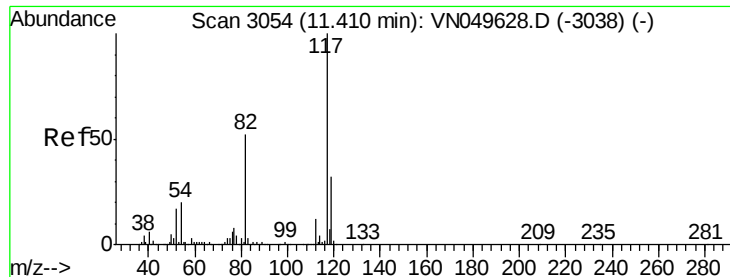
Tot Ion:129 Resp: 6287
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 39.70 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion: 95 Resp: 881010
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.6
176 87.4 0.0 174.0

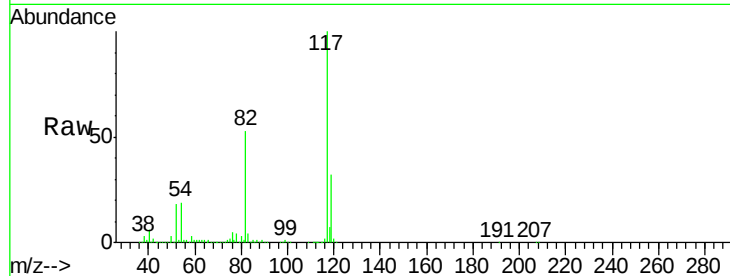




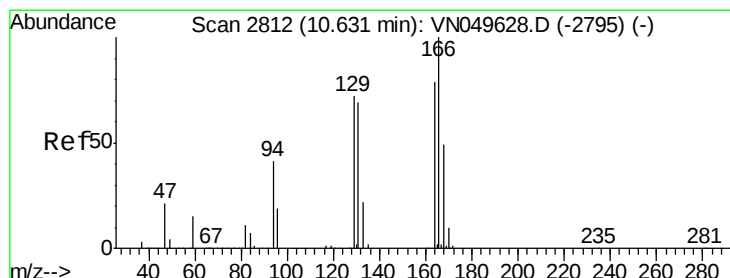
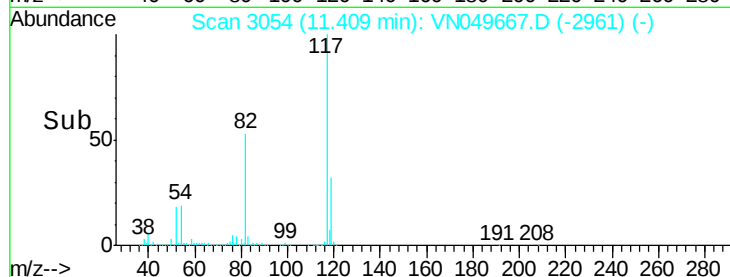
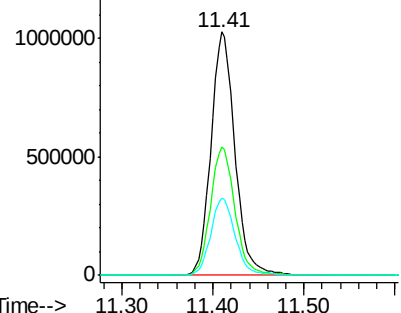
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:117 Resp: 1875527
Ion Ratio Lower Upper
117 100
82 52.9 41.9 62.9
119 31.8 25.4 38.2

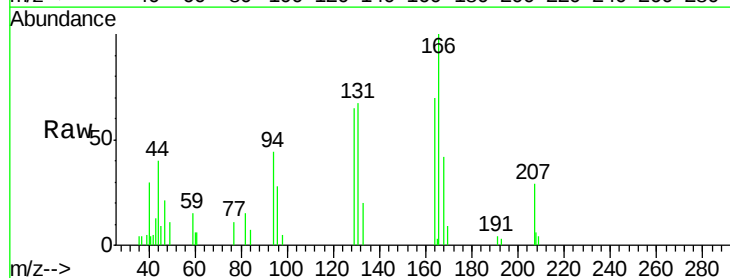


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

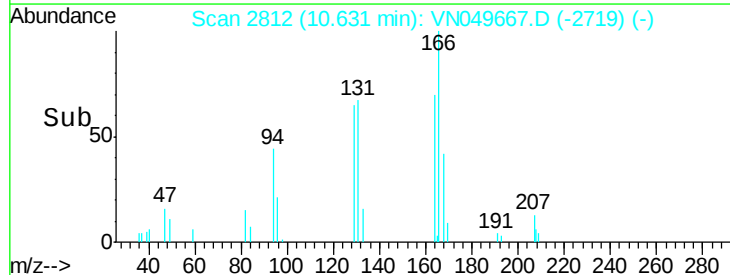
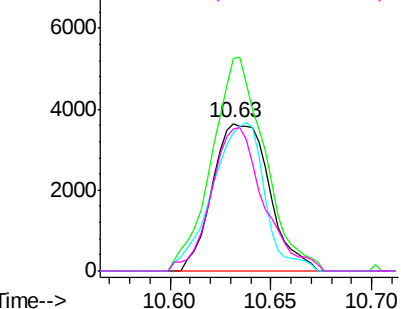


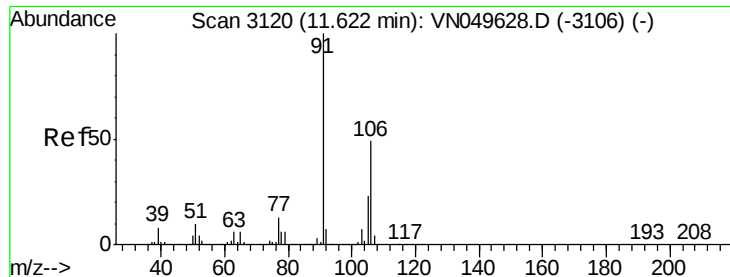
#64
Tetrachloroethene
Concen: 0.28 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion:164 Resp: 7162
Ion Ratio Lower Upper
164 100
166 143.6 101.8 152.6
129 94.0 72.8 109.2
131 96.2 70.0 105.0



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

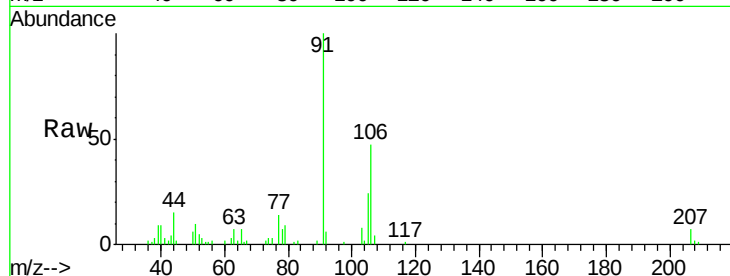




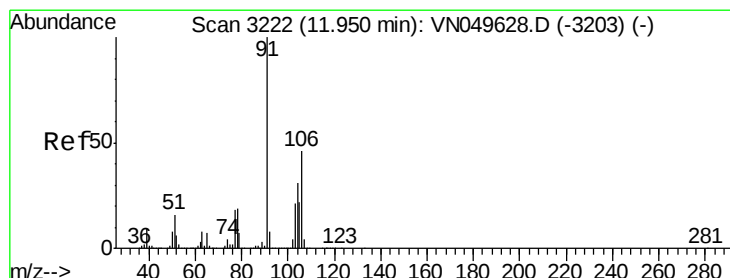
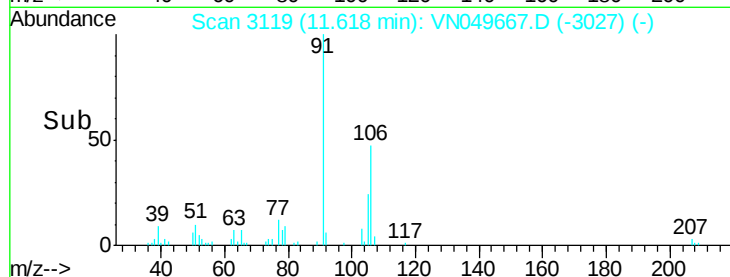
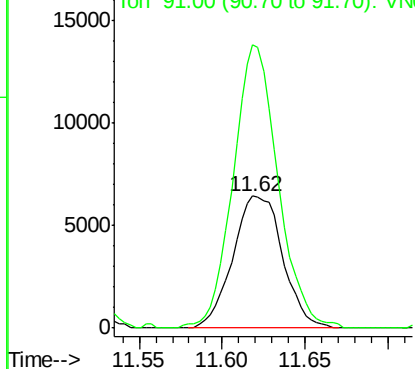
#68
m/p-Xylenes
Concen: 0.43 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:106 Resp: 13453
Ion Ratio Lower Upper
106 100
91 193.3 163.4 245.2

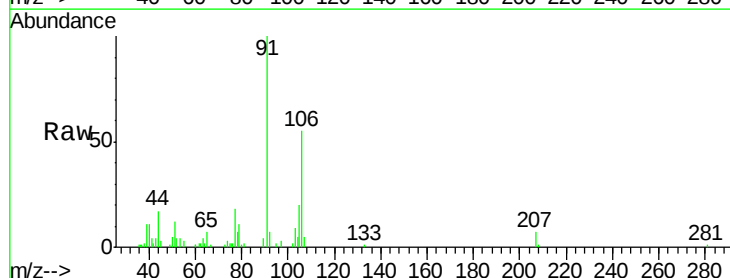


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

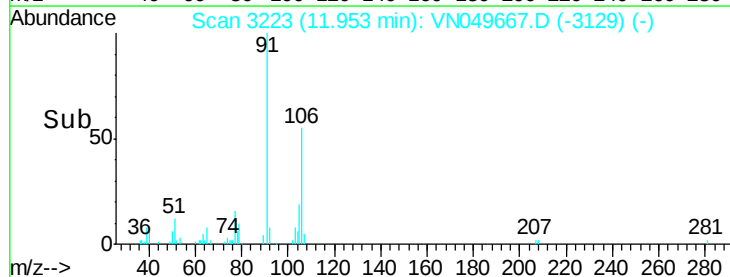
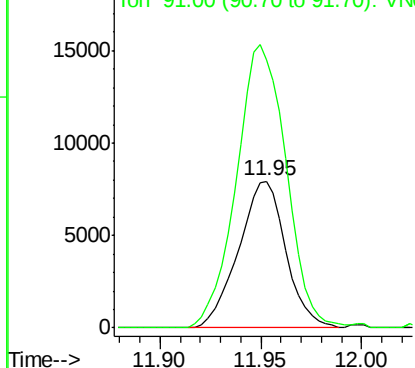


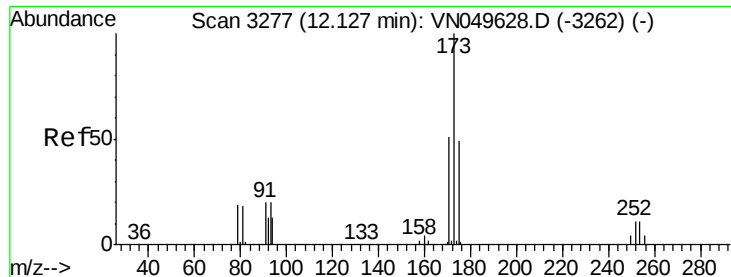
#69
o-Xylene
Concen: 0.44 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion:106 Resp: 13025
Ion Ratio Lower Upper
106 100
91 204.1 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

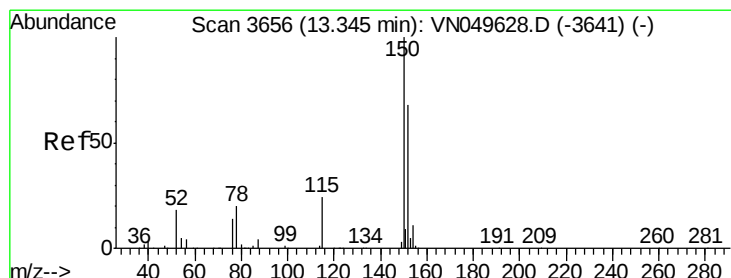
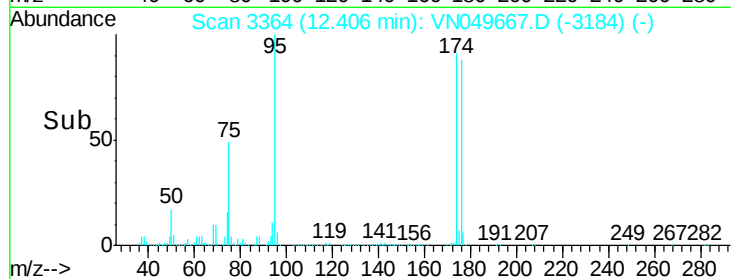
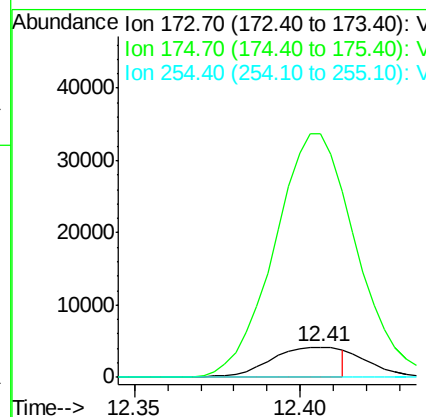
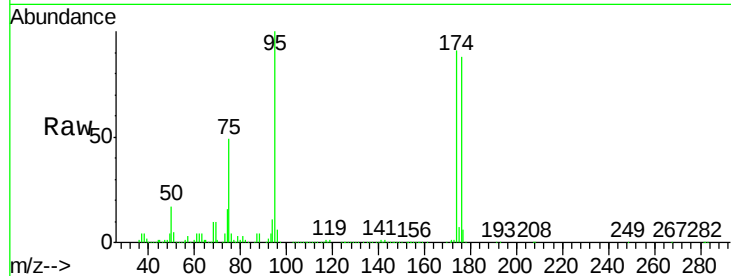




#71
Bromoform
Concen: 0.53 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

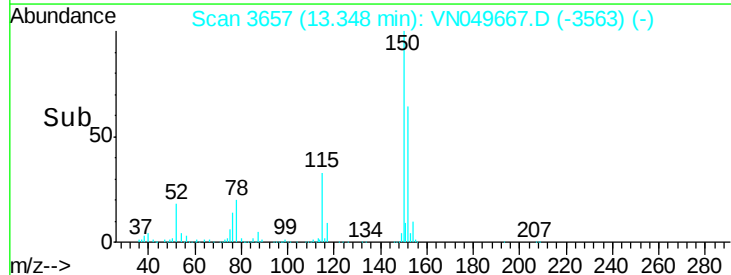
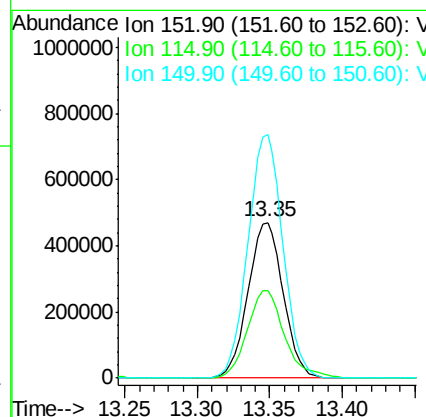
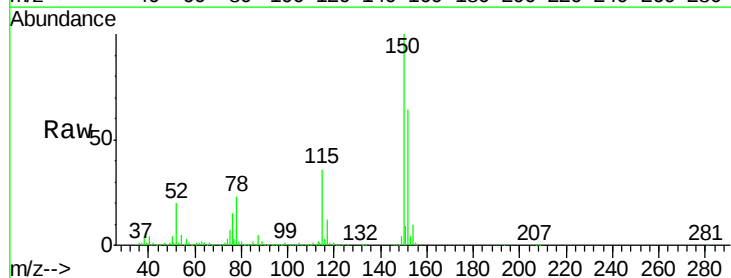
Instrument :
MSVOA_N
ClientSampleId :
MW-1

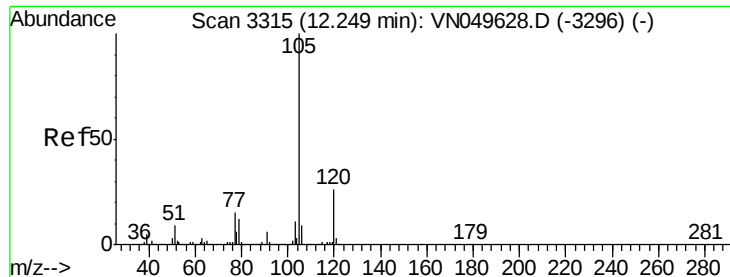
Tot Ion:173 Resp: 6174
Ion Ratio Lower Upper
173 100
175 746.6 24.6 73.8#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion:152 Resp: 792731
Ion Ratio Lower Upper
152 100
115 59.3 28.1 84.2
150 156.1 0.0 347.6





#73

Isopropylbenzene

Concen: 0.29 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

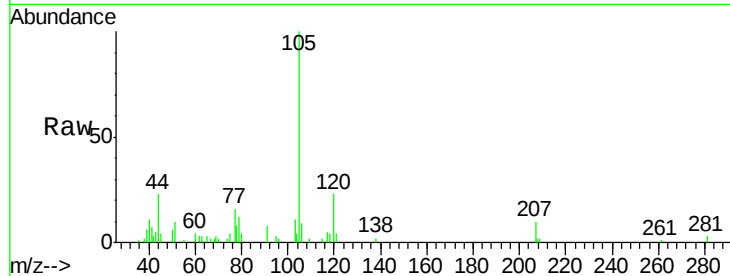
MW-1

Tot Ion:105 Resp: 18054

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

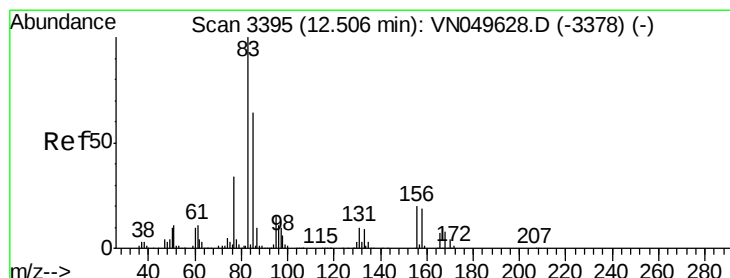
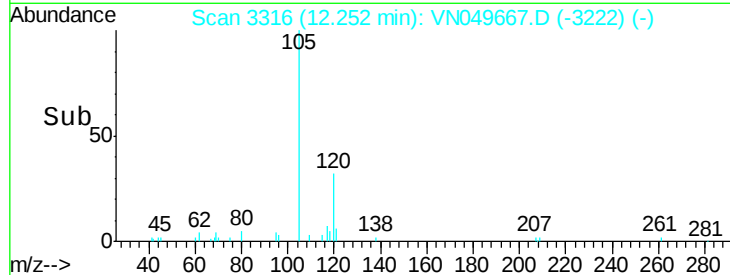
4000

2000

0

12.20 12.25 12.30

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

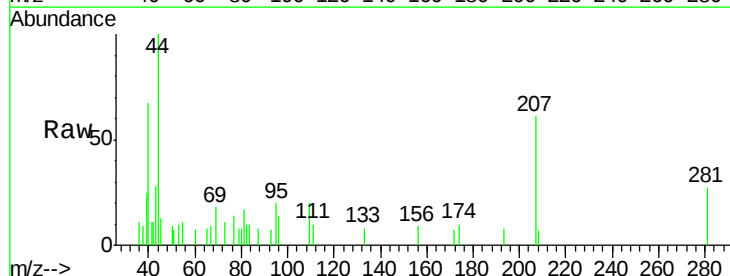
Tgt Ion: 83 Resp: 323

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

400

300

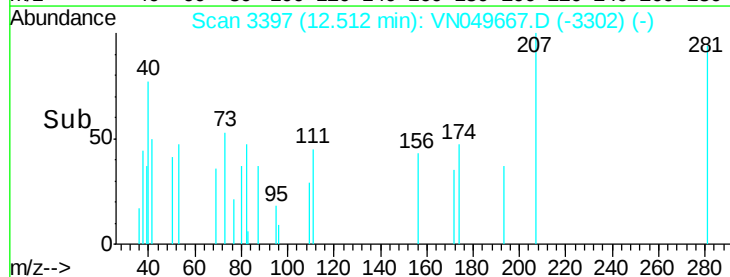
200

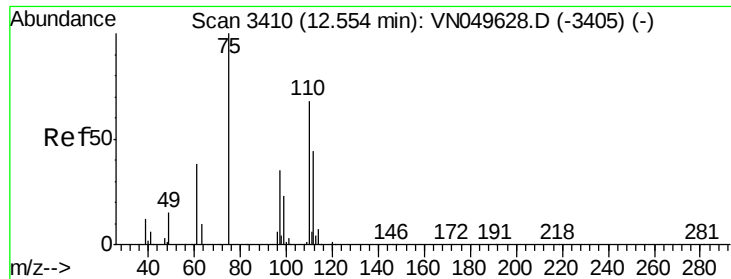
100

0

12.48 12.50 12.52

Time-->





#76

1,2,3-Trichloropropane

Concen: 33.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampleId :

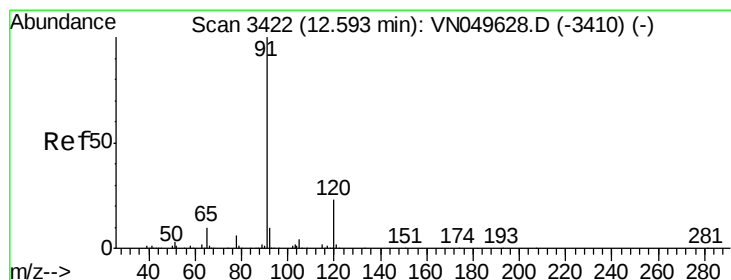
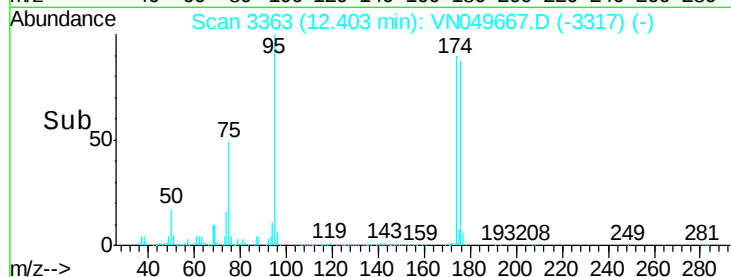
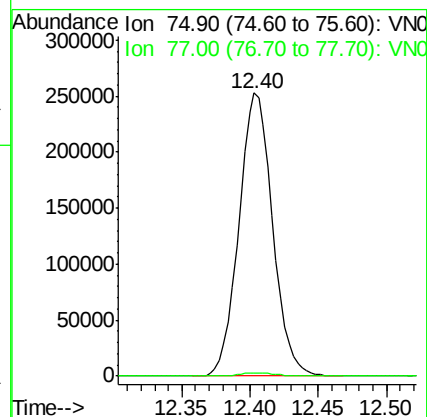
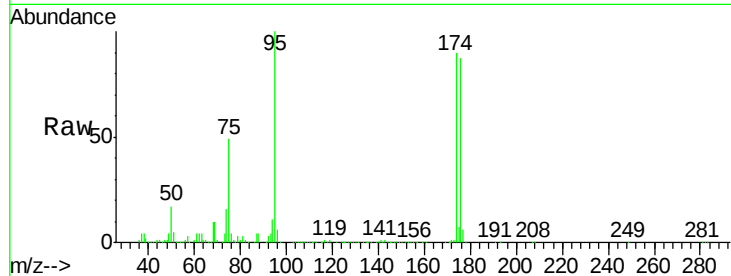
MW-1

Tot Ion: 75 Resp: 431948

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 0.73 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049667.D

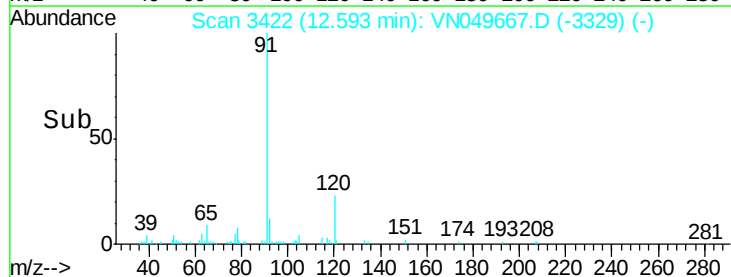
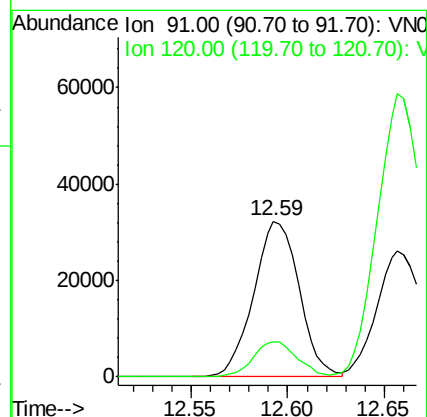
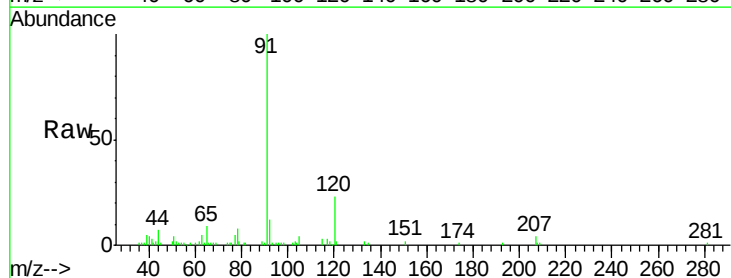
Acq: 2 Jul 2018 14:18

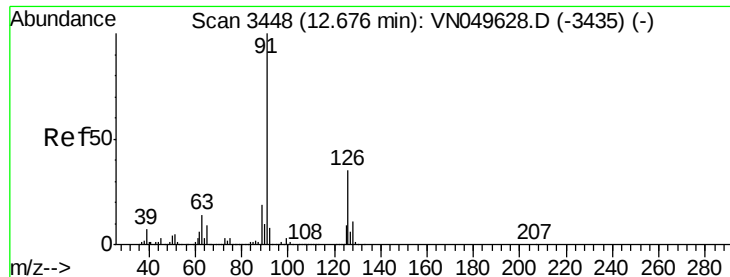
Tgt Ion: 91 Resp: 52990

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.91 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

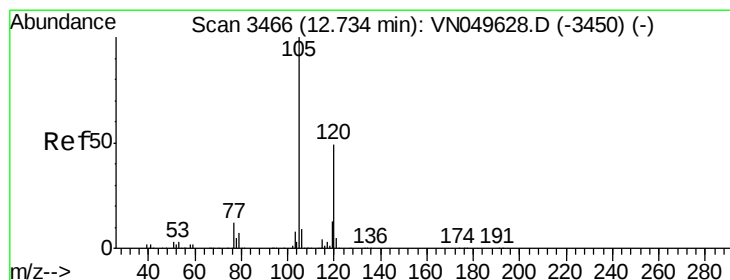
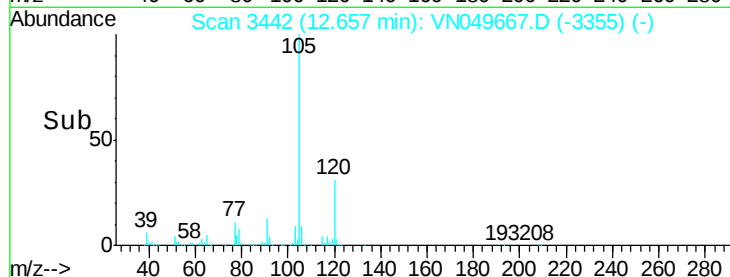
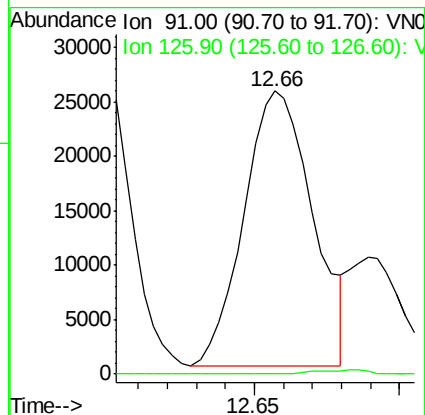
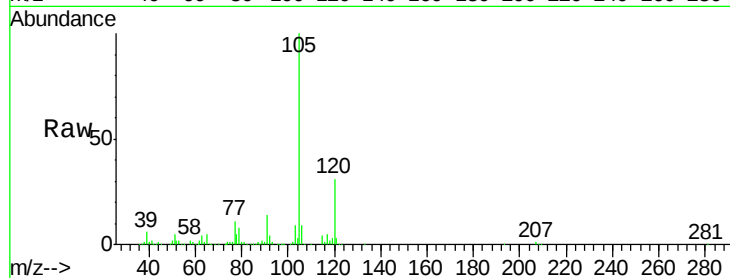
MW-1

Tot Ion: 91 Resp: 41541

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 8.00 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049667.D

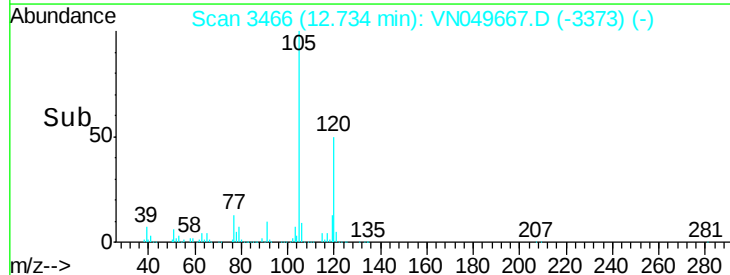
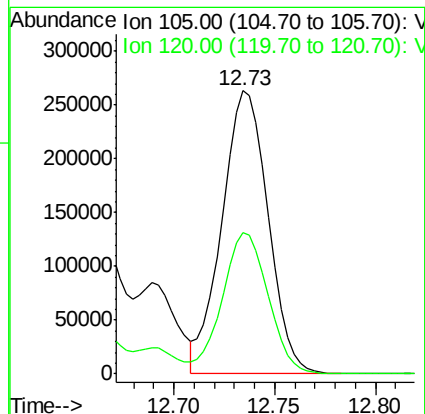
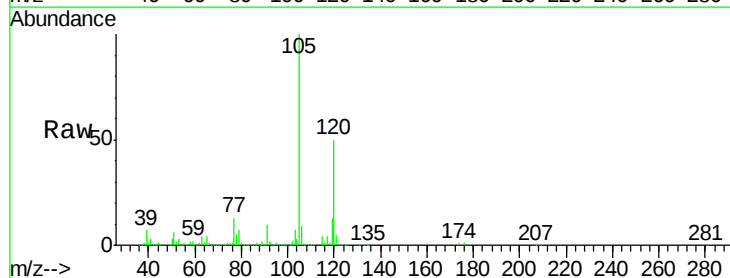
Acq: 2 Jul 2018 14:18

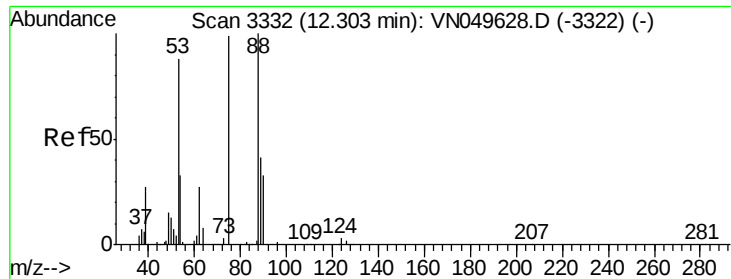
Tgt Ion: 105 Resp: 419783

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 115.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW-1

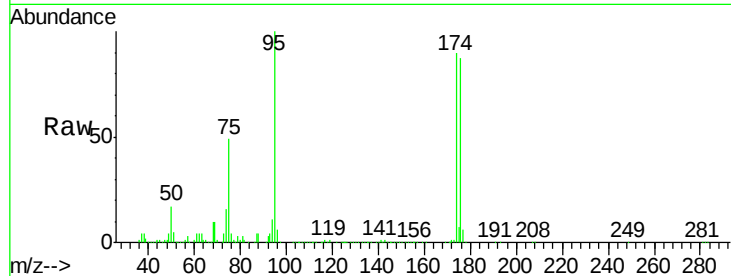
Tot Ion: 75 Resp: 431948

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

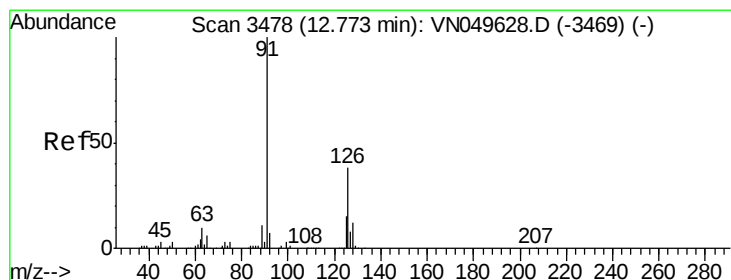
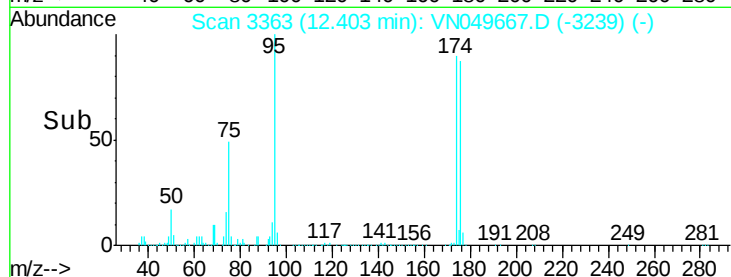
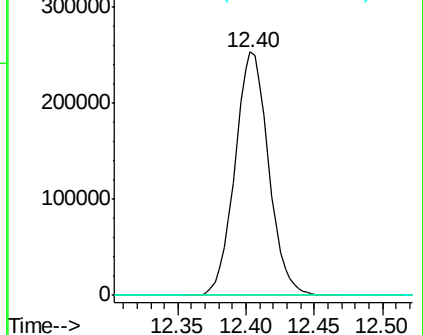
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.87 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN049667.D

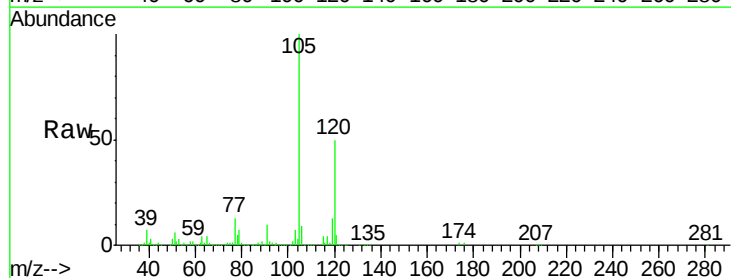
Acq: 2 Jul 2018 14:18

Tgt Ion: 91 Resp: 40124

Ion Ratio Lower Upper

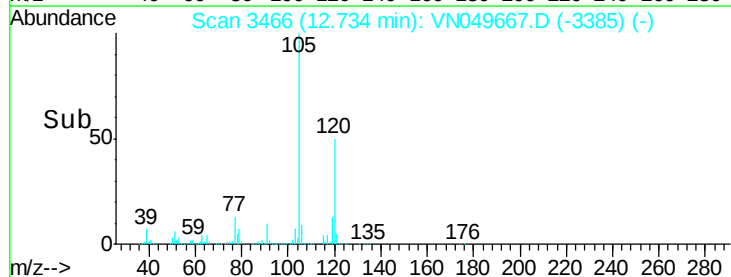
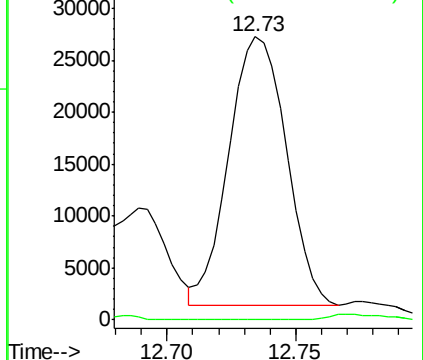
91 100

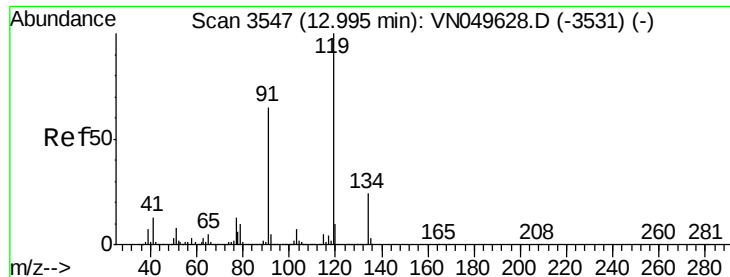
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

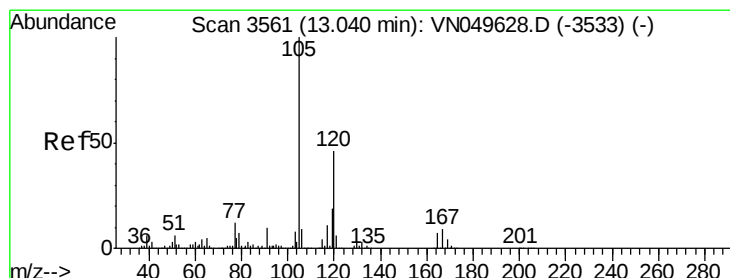
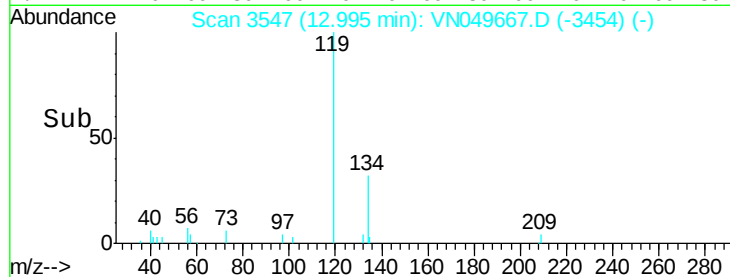
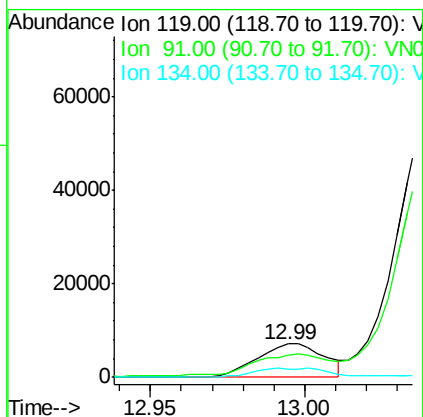
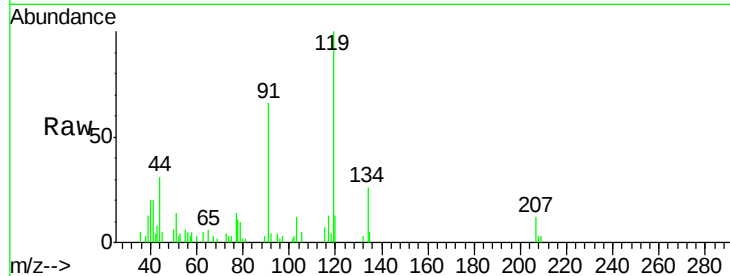




#83
 tert-Butylbenzene
 Concen: 0.24 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

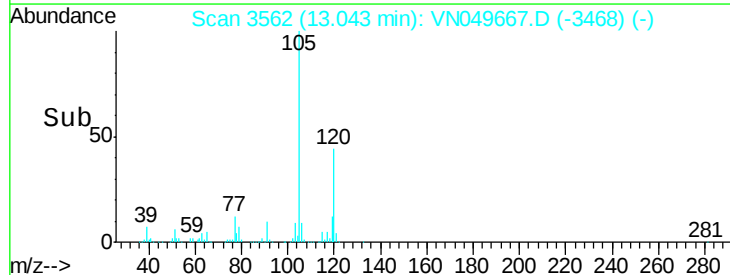
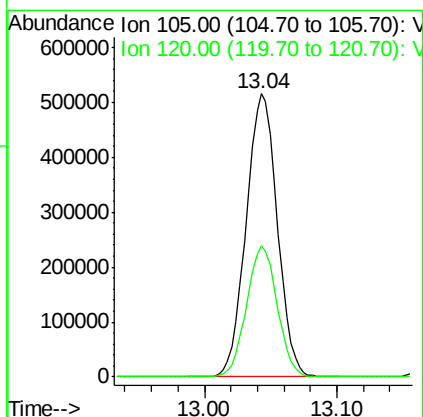
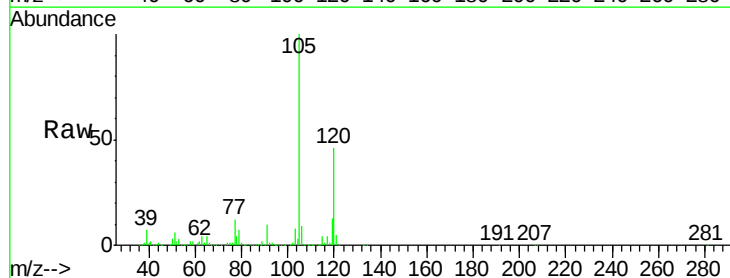
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

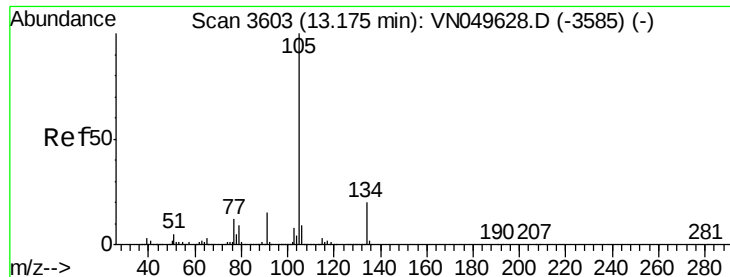
Tot Ion:119 Resp: 10776
 Ion Ratio Lower Upper
 119 100
 91 77.2 32.0 96.2
 134 32.5 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 15.54 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion:105 Resp: 837731
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.65 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampled :

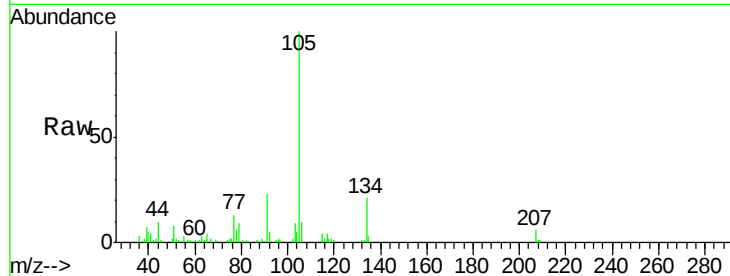
MW-1

Tot Ion:105 Resp: 38890

Ion Ratio Lower Upper

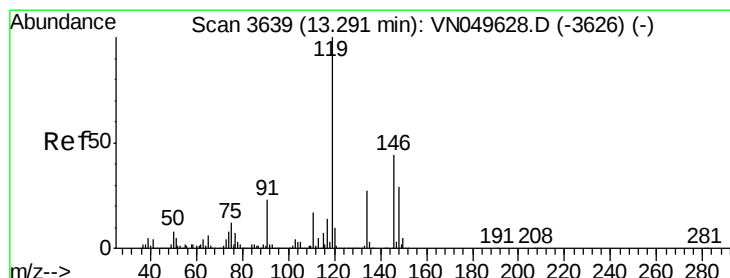
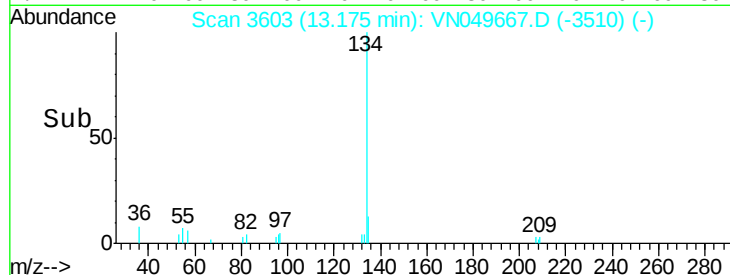
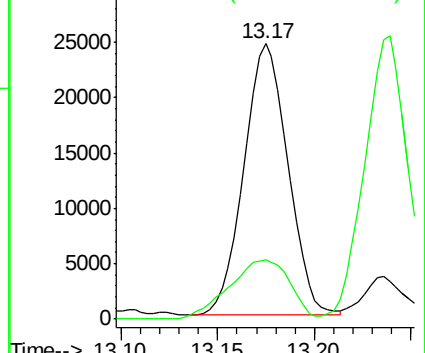
105 100

134 29.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.89 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

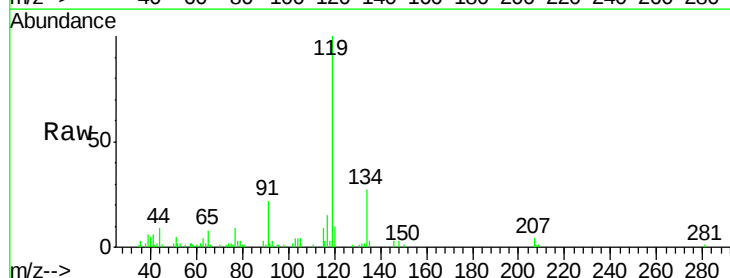
Tgt Ion:119 Resp: 46007

Ion Ratio Lower Upper

119 100

134 28.1 13.3 39.9

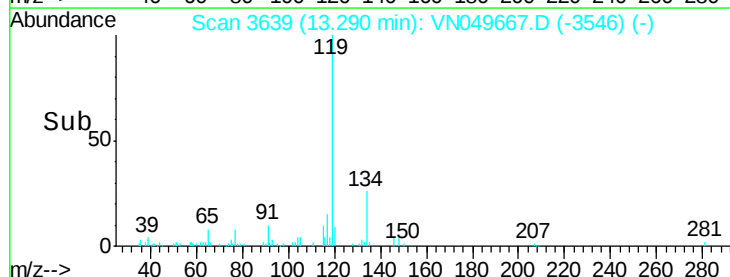
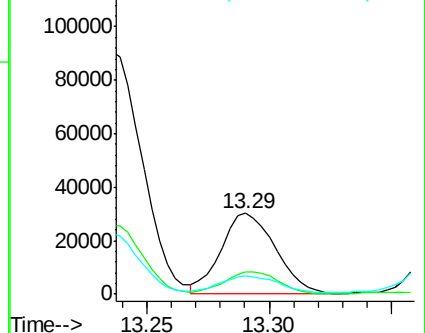
91 22.2 11.4 34.1

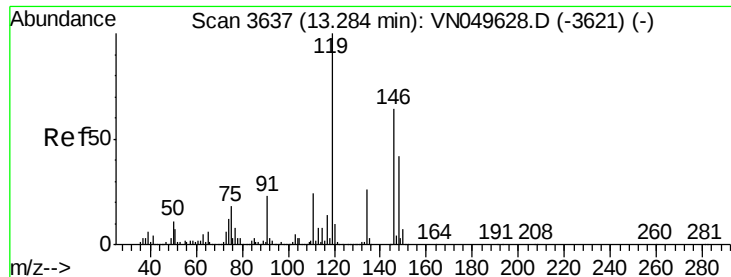


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

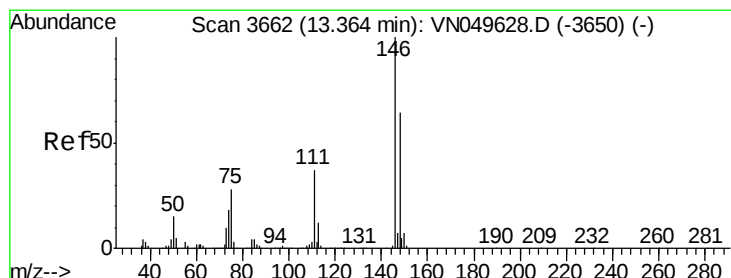
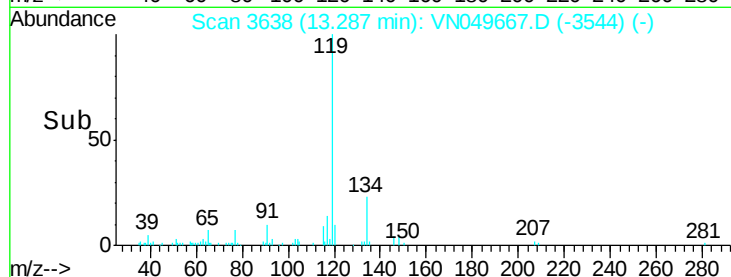
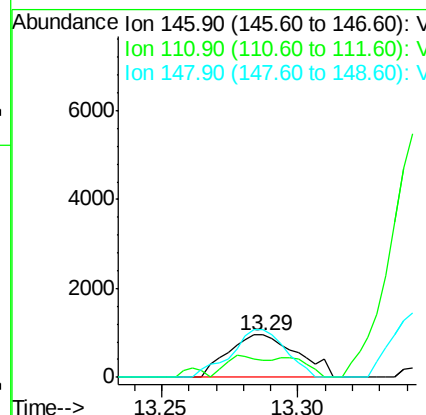
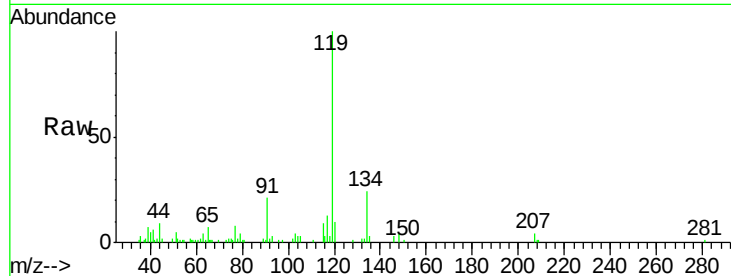




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

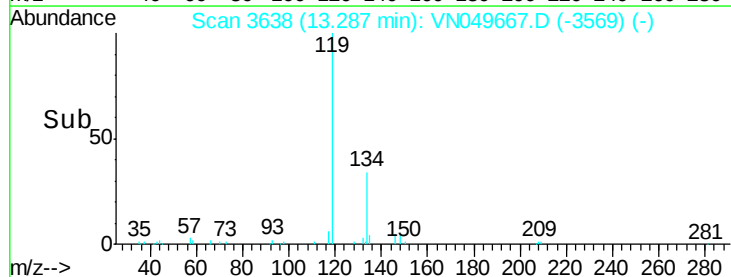
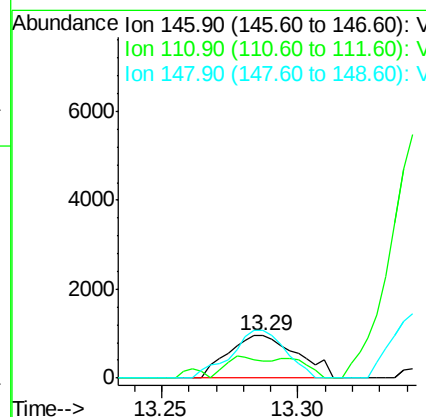
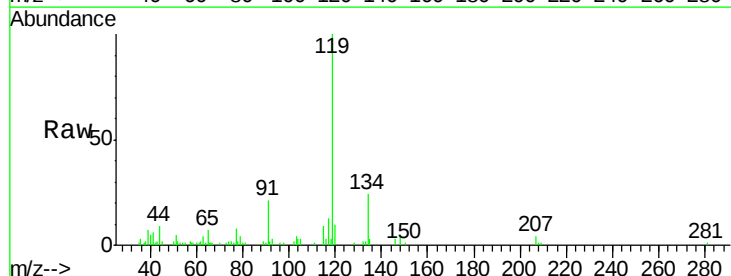
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

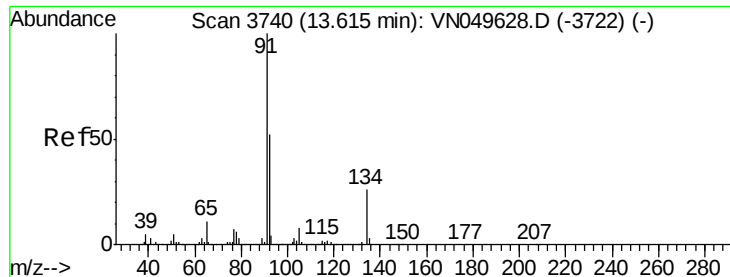
Tot Ion:146 Resp: 1670
 Ion Ratio Lower Upper
 146 100
 111 26.5 19.0 57.0
 148 88.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion:146 Resp: 1670
 Ion Ratio Lower Upper
 146 100
 111 26.5 18.9 56.5
 148 88.4 32.1 96.3

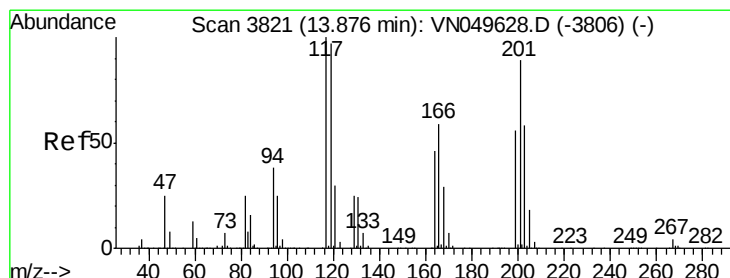
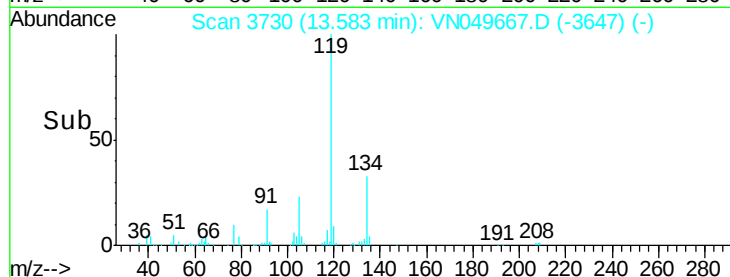
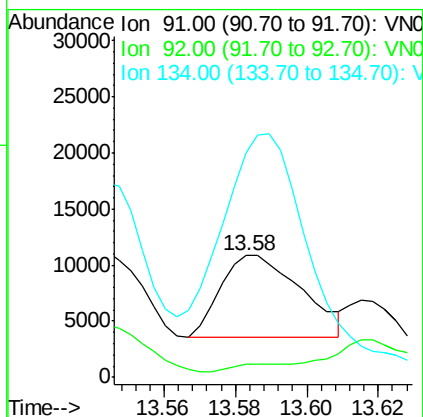
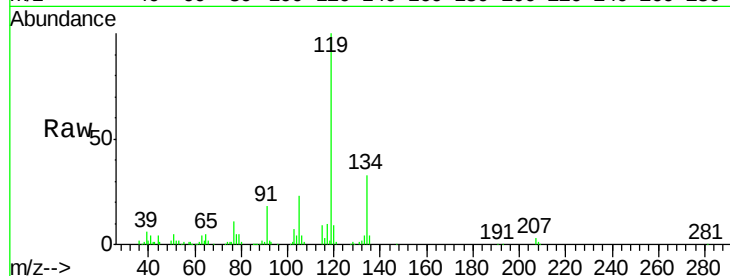




#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 13.58 min Scan# 3730
Delta R.T. -0.03 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

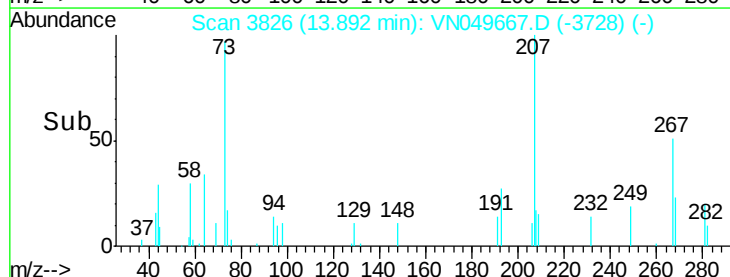
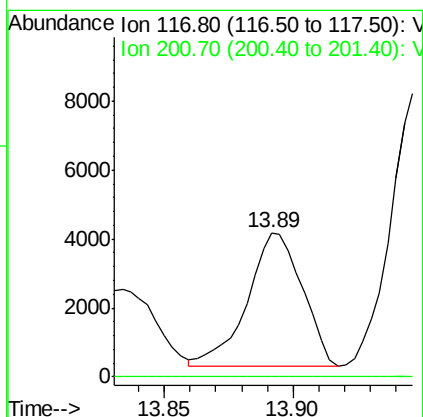
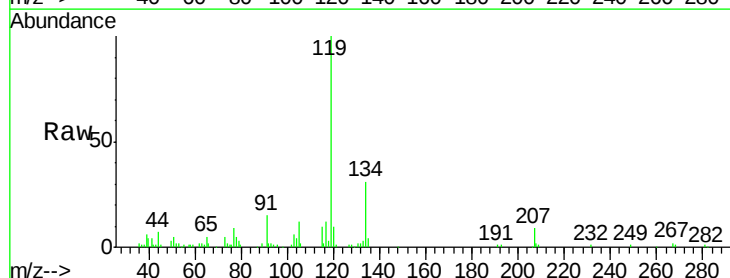
Instrument :
MSVOA_N
ClientSampled :
MW-1

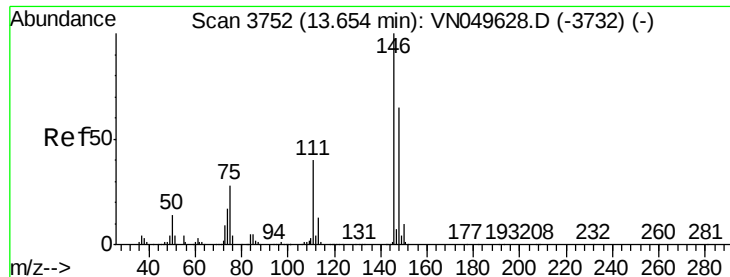
Tot Ion: 91 Resp: 11232
Ion Ratio Lower Upper
91 100
92 9.1 25.8 77.3#
134 344.0 13.0 38.9#



#90
Hexachloroethane
Concen: 1.06 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049667.D
Acq: 2 Jul 2018 14:18

Tgt Ion: 117 Resp: 5733
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.8#

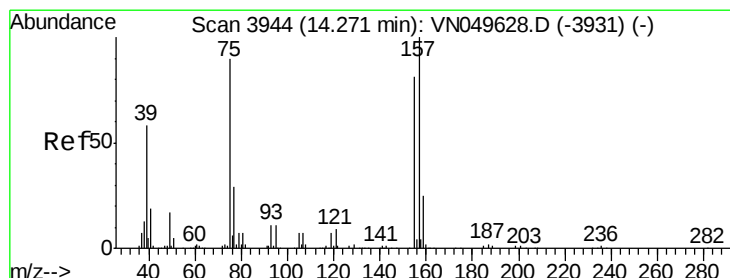
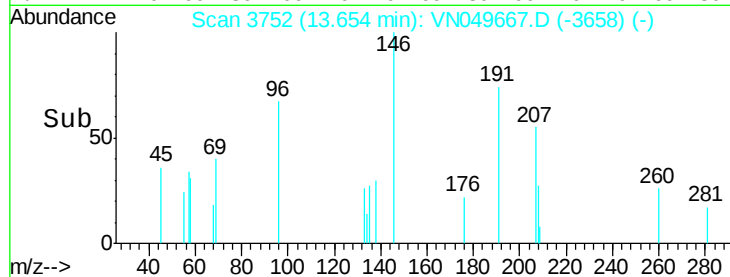
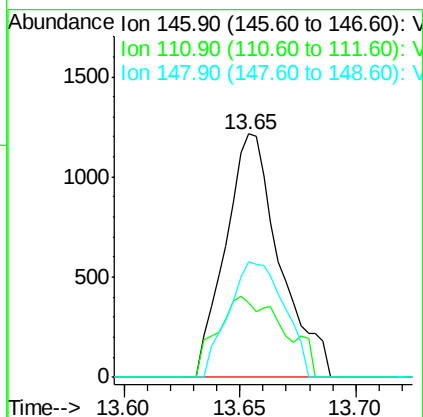
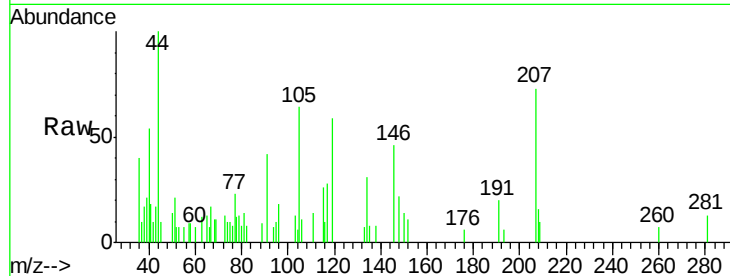




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

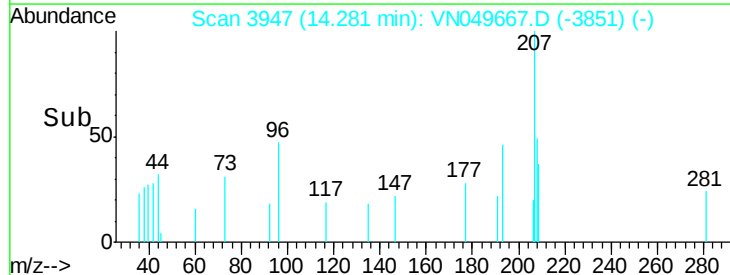
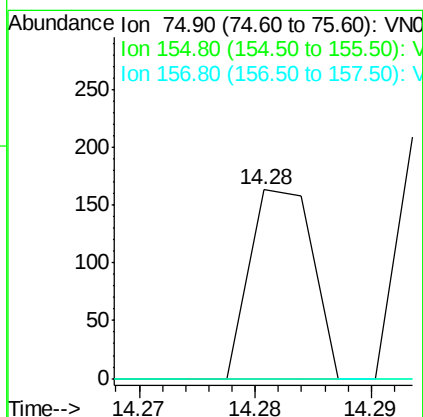
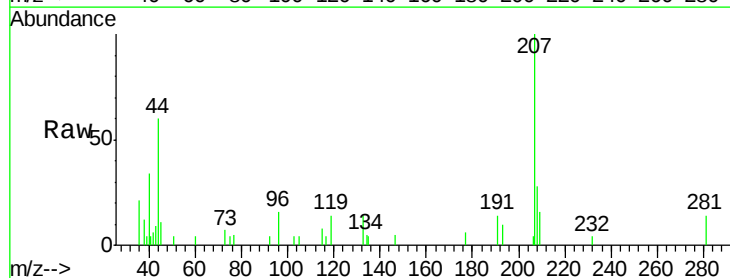
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

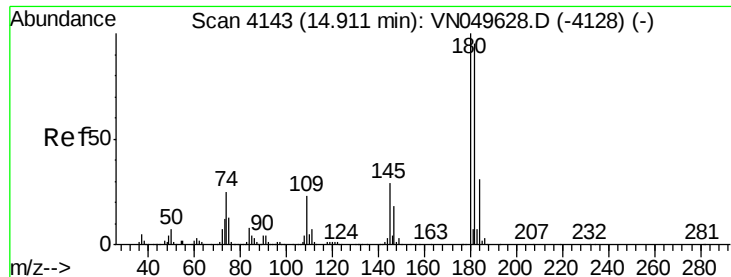
Tot Ion:146 Resp: 1973
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.7 59.1
 148 48.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.28 min Scan# 3947
 Delta R.T. 0.01 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#

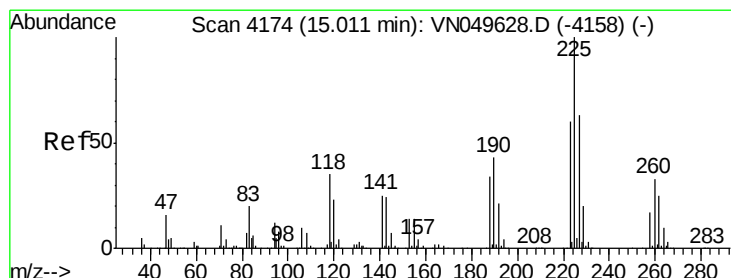
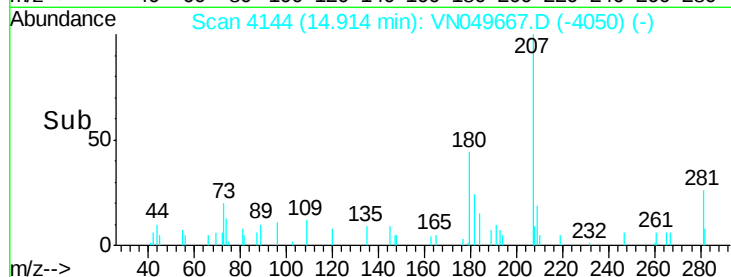
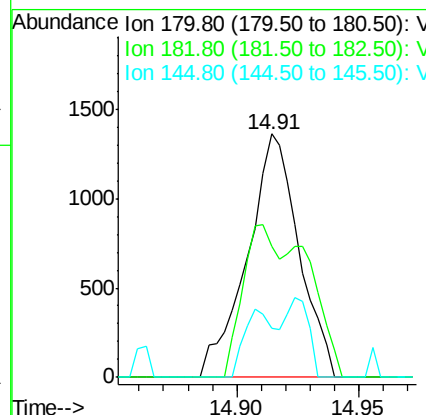
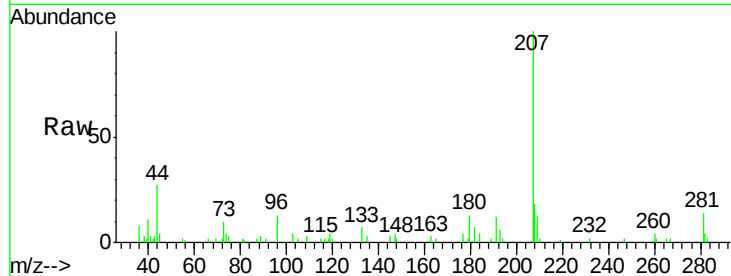




#93
 1,2,4-Trichlorobenzene
 Concen: 2.53 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

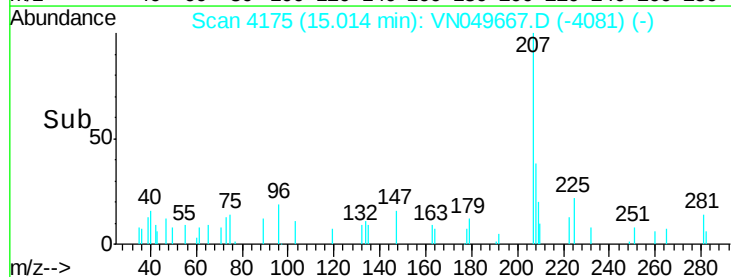
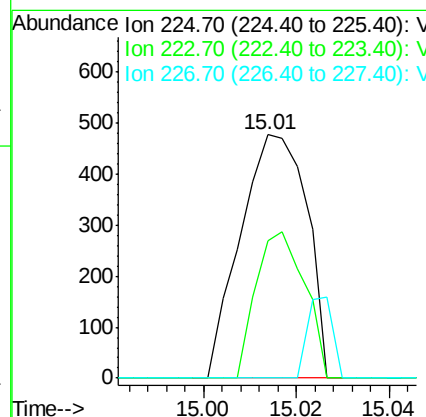
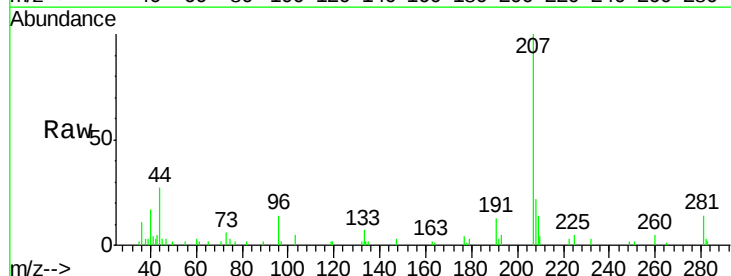
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

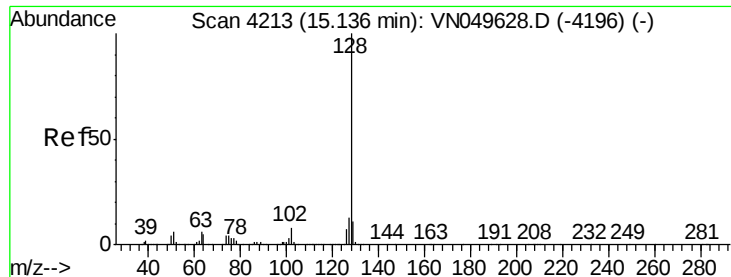
Tot Ion:180 Resp: 1990
 Ion Ratio Lower Upper
 180 100
 182 42.6 47.3 141.9#
 145 16.8 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049667.D
 Acq: 2 Jul 2018 14:18

Tgt Ion:225 Resp: 472
 Ion Ratio Lower Upper
 225 100
 223 44.1 30.9 92.7
 227 12.9 31.8 95.4#





#95

Naphthalene

Concen: 4.14 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW-1

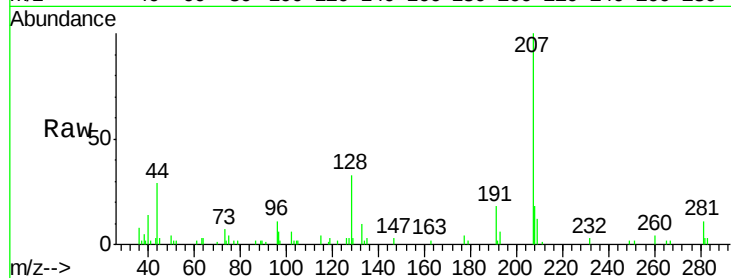
Tot Ion:128 Resp: 3653

Ion Ratio Lower Upper

128 100

127 22.9 10.4 15.6#

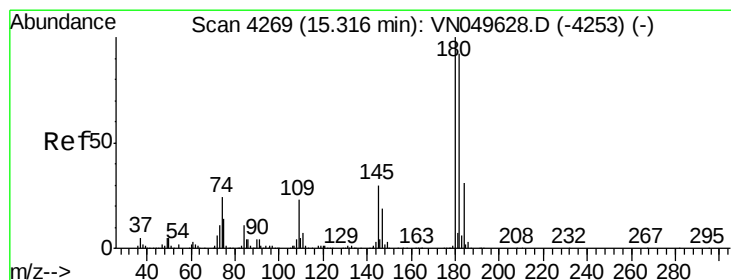
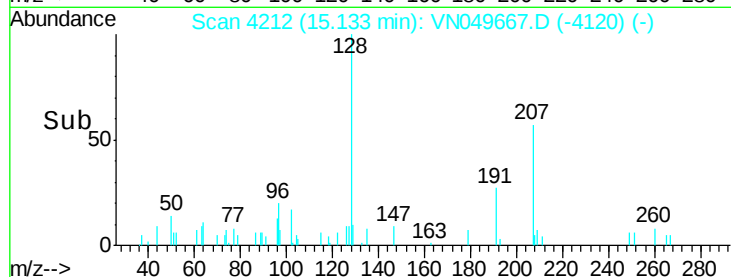
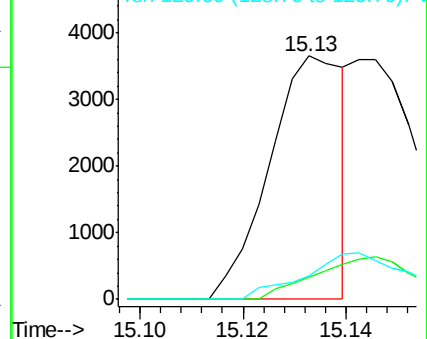
129 25.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.77 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN049667.D

Acq: 2 Jul 2018 14:18

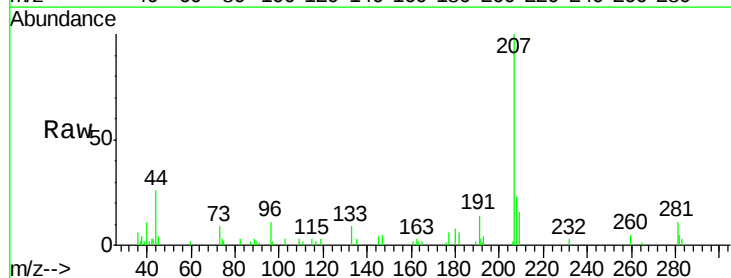
Tgt Ion:180 Resp: 1743

Ion Ratio Lower Upper

180 100

182 76.1 47.4 142.2

145 29.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

