

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049442.D
 Acq On : 20 Jun 2018 17:55
 Operator : MD\SY
 Sample : J3575-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:29:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1197707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1884182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	799046	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	697386	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
50) Toluene-d8	10.09	98	2561583	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
62) 4-Bromofluorobenzene	12.40	95	665454	34.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.34%	

Target Compounds

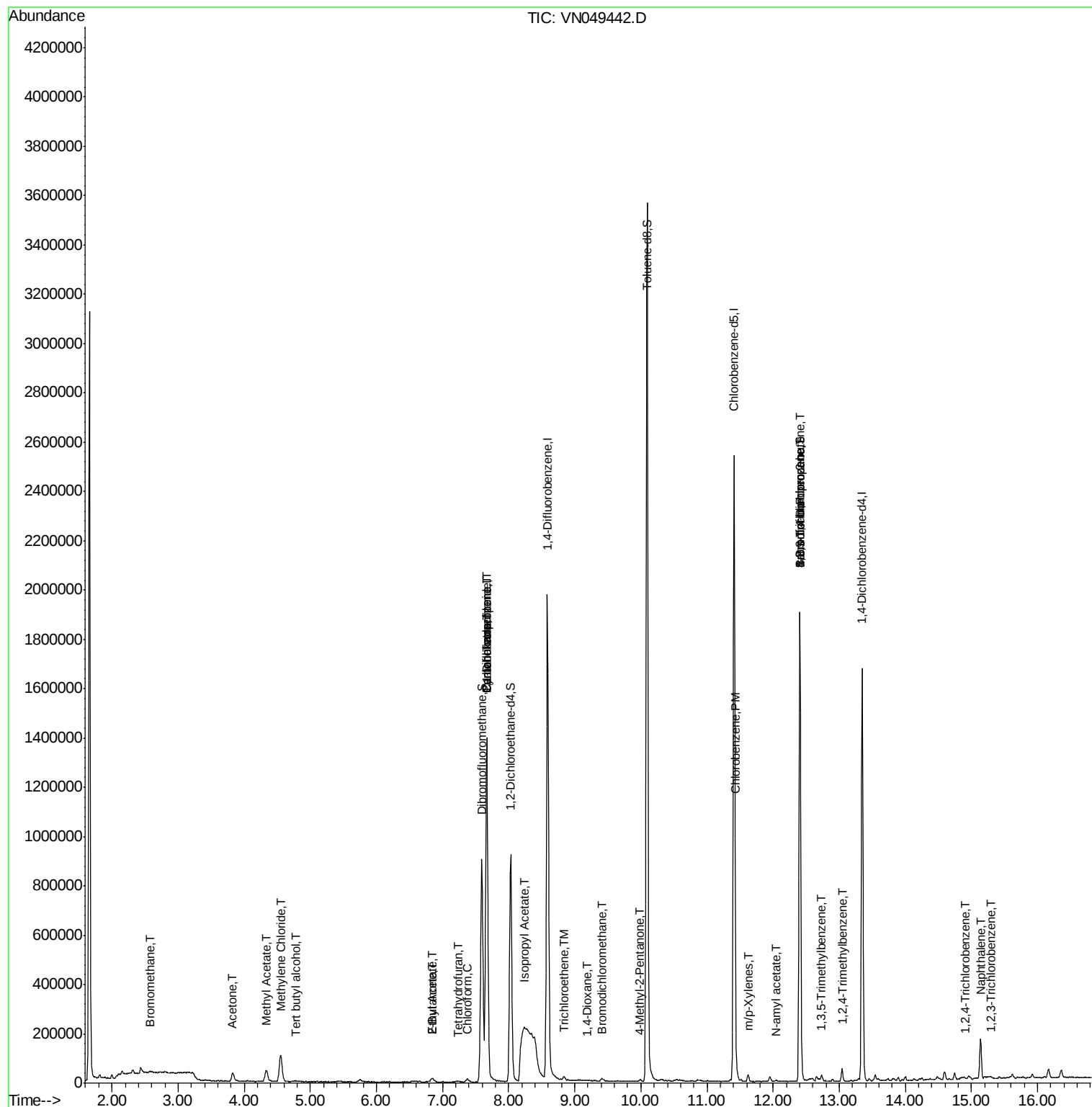
						Qvalue
5) Bromomethane	2.57	94	4154	0.42	ug/l	97
11) Tert butyl alcohol	4.78	59	300	0.32	ug/l #	70
16) Acetone	3.82	43	56521	14.65	ug/l	100
18) Methyl Acetate	4.34	43	90964	7.73	ug/l	93
20) Methylene Chloride	4.55	84	83142	5.16	ug/l	87
25) 2-Butanone	6.85	43	13096	2.53	ug/l	94
29) Tetrahydrofuran	7.24	42	2774	0.83	ug/l #	65
30) Chloroform	7.37	83	12315	0.45	ug/l	100
31) Cyclohexane	7.67	56	21523	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	81408	3.77	ug/l #	45
37) Ethyl Acetate	6.85	43	13096	1.12	ug/l #	74
38) Carbon Tetrachloride	7.67	117	107308	4.80	ug/l #	17
43) Isopropyl Acetate	8.25	43	397525	17.72	ug/l #	64
44) Trichloroethene	8.84	130	5175	0.30	ug/l	84
47) Bromodichloromethane	9.41	83	4940	0.22	ug/l #	63
49) 1,4-Dioxane	9.19	88	130	0.89	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5169	0.44	ug/l	92
65) Chlorobenzene	11.44	112	13124	0.33	ug/l #	88
68) m/p-Xylenes	11.62	106	7769	0.31	ug/l	96
71) Bromoform	12.40	173	4795	0.49	ug/l #	1
74) N-amyl acetate	12.05	43	2470	0.24	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.52	83	66	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.41	75	322367	39.54	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	8810	0.27	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.41	75	322367	124.97	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	27296	0.83	ug/l	100
90) Hexachloroethane	13.89	117	797	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	638	4.81	ug/l #	10
95) Naphthalene	15.14	128	144543	12.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	322	3.49	ug/l #	51

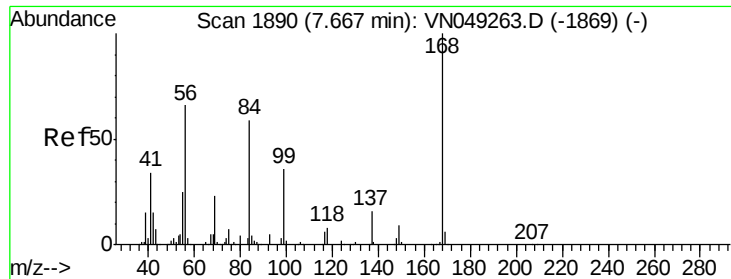
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049442.D

Acq: 20 Jun 2018 17:55

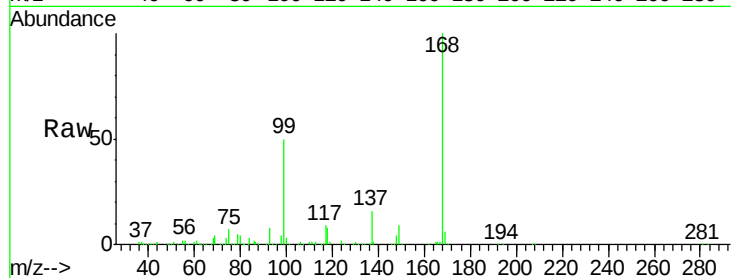
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1197707

Ion Ratio Lower Upper

168 100

99 50.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

300000

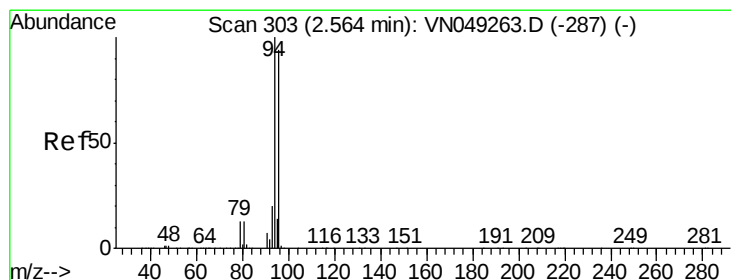
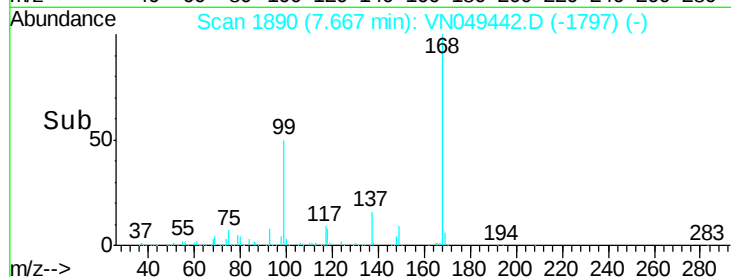
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.42 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049442.D

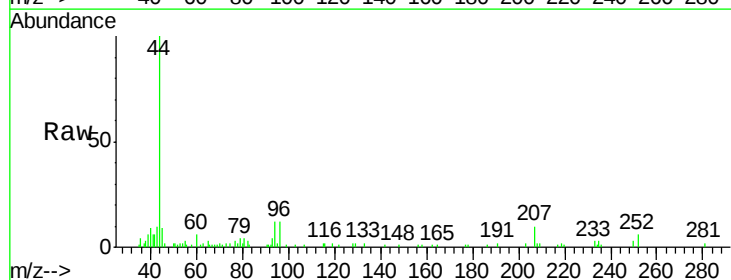
Acq: 20 Jun 2018 17:55

Tgt Ion: 94 Resp: 4154

Ion Ratio Lower Upper

94 100

96 87.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

2000

1500

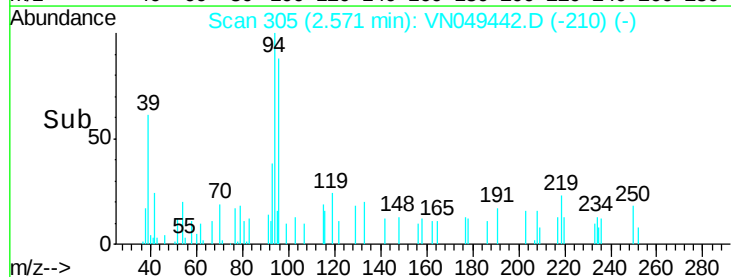
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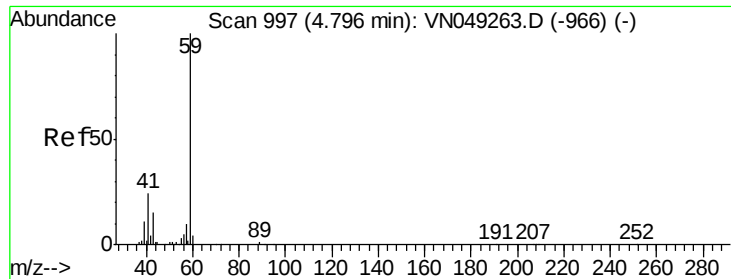
500

0

Time-->

2.50 2.55 2.60 2.65

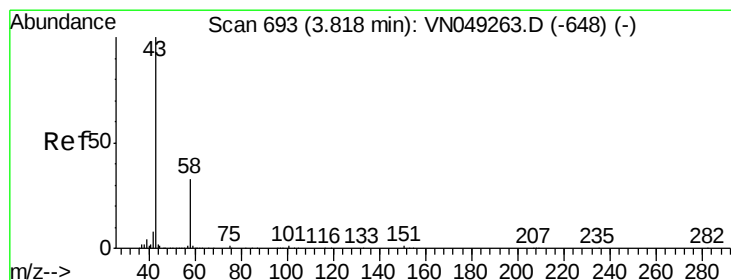
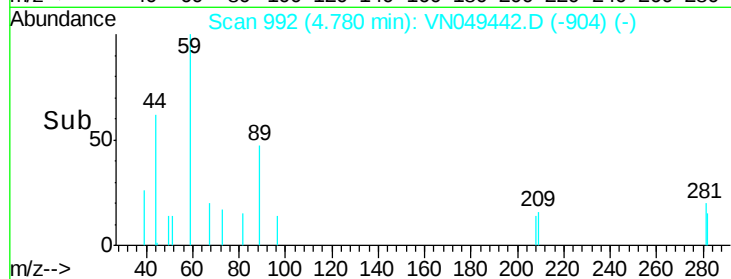
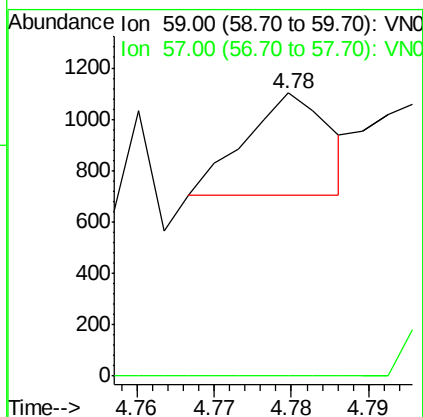
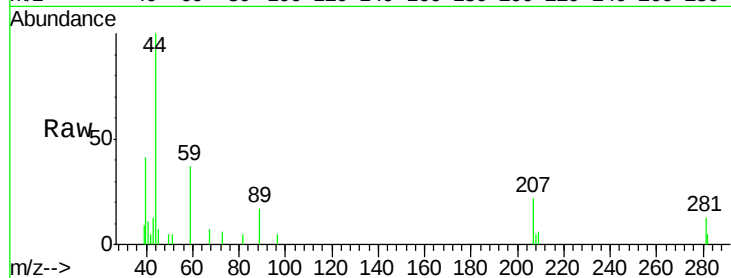




#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

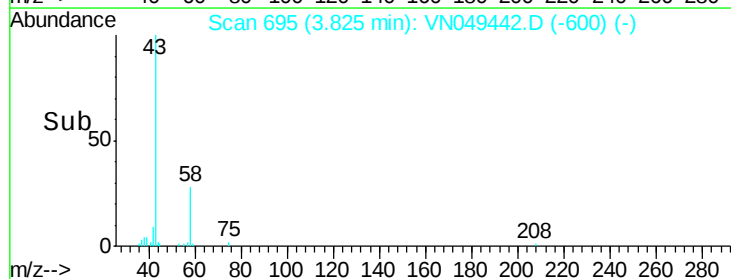
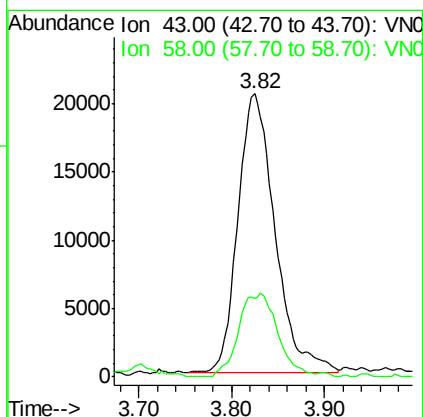
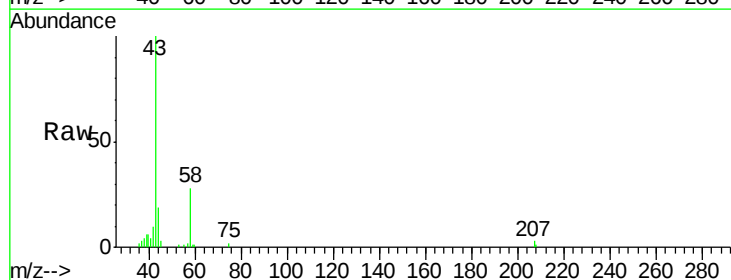
Instrument :
MSVOA_N
ClientSampleId :

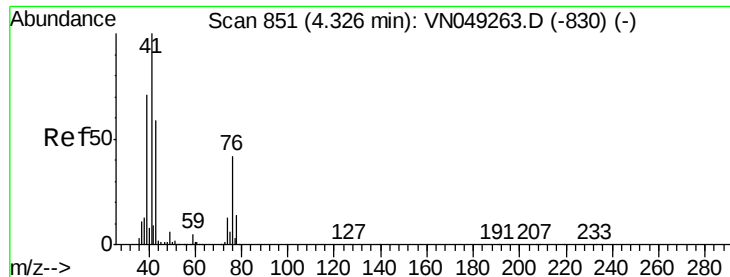
Tot Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#16
Acetone
Concen: 14.65 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion: 43 Resp: 56521
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6

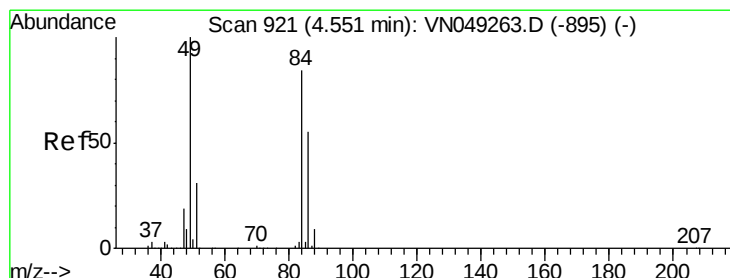
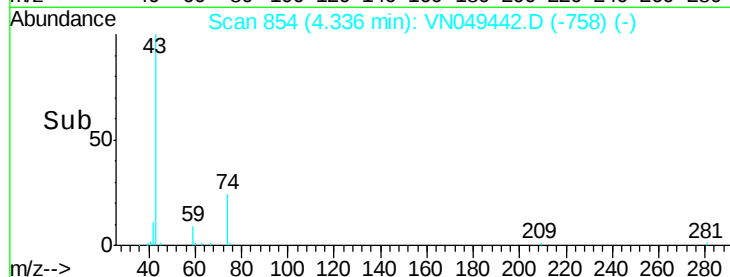
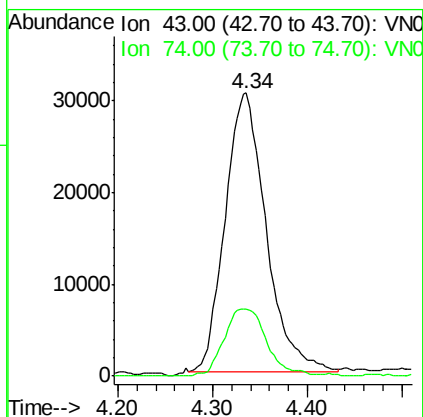
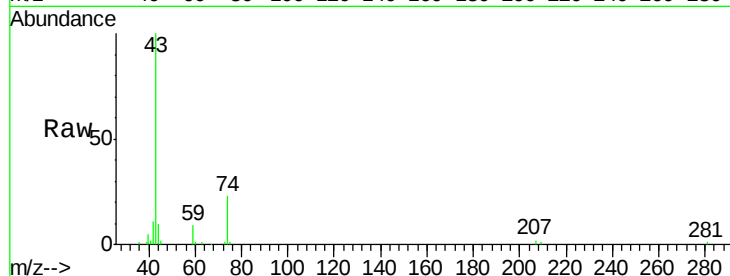




#18
Methvl Acetate
Concen: 7.73 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

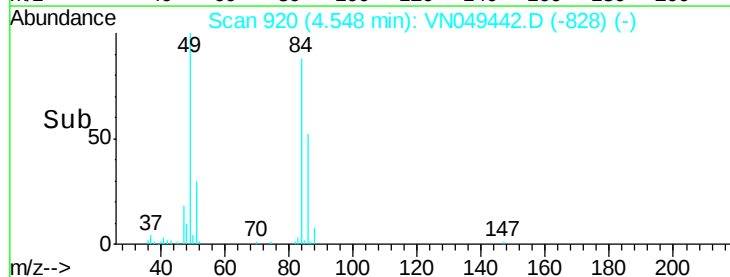
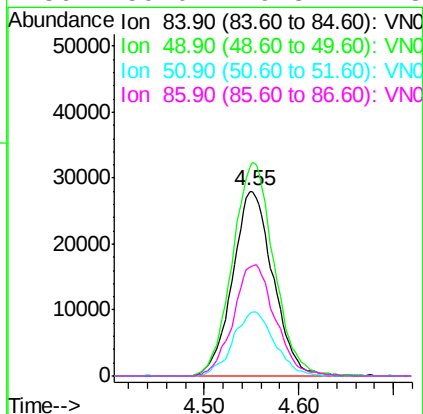
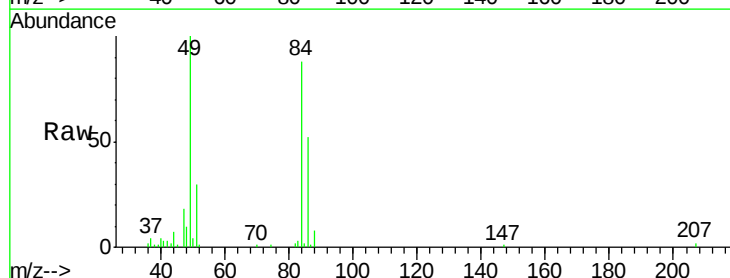
Instrument :
MSVOA_N
ClientSampleId :

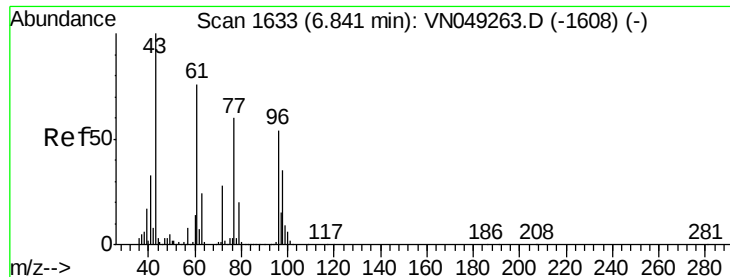
Tot Ion: 43 Resp: 90964
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



#20
Methylene Chloride
Concen: 5.16 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion: 84 Resp: 83142
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 33.9 32.7 49.1
86 59.0 49.8 74.8

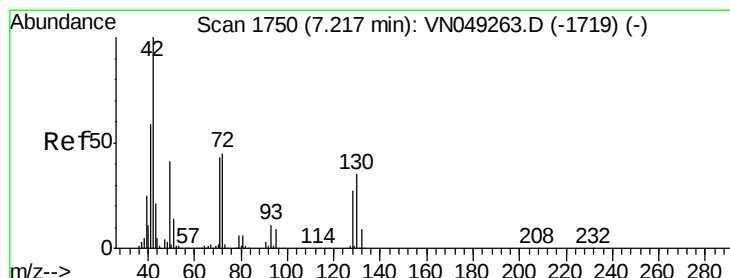
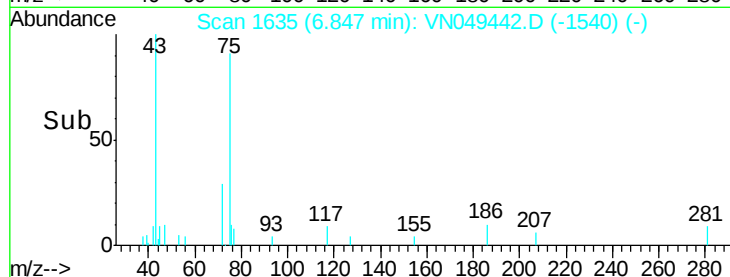
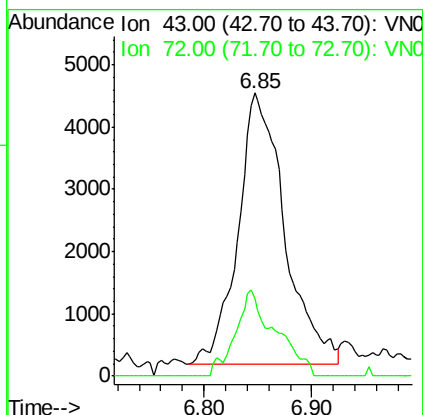
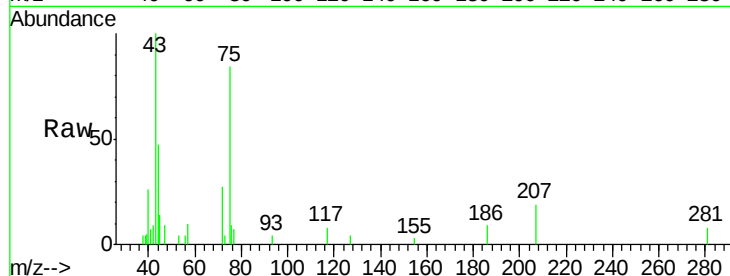




#25
2-Butanone
Concen: 2.53 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

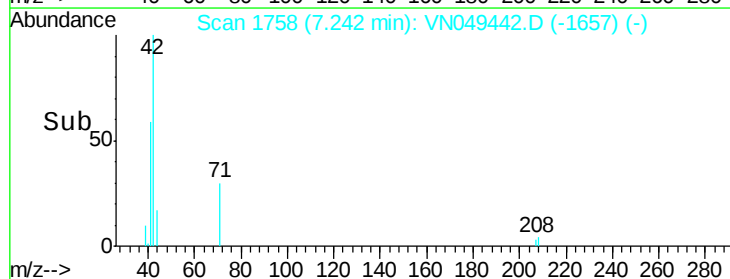
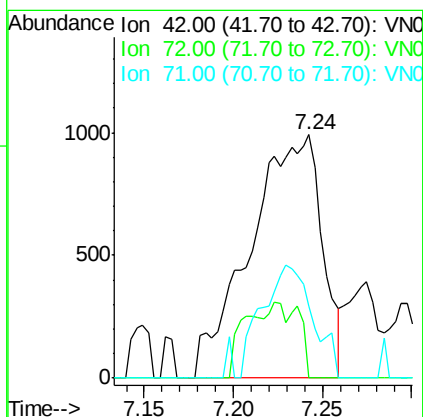
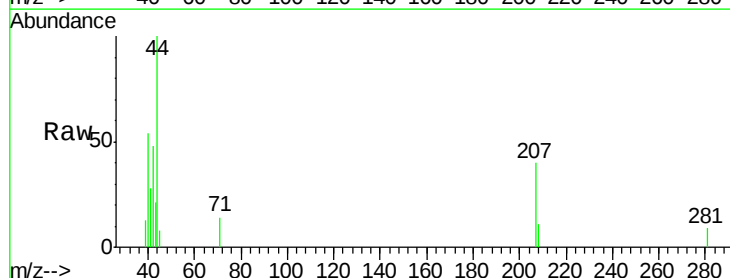
Instrument :
MSVOA_N
ClientSampled :

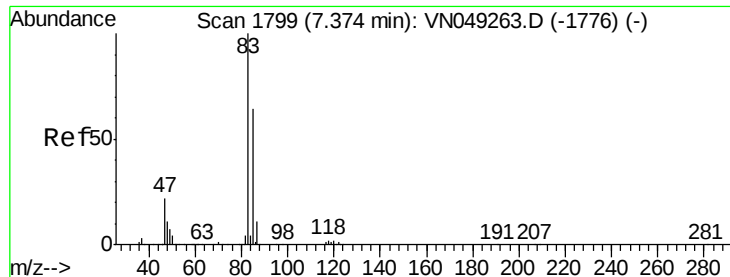
Tot Ion: 43 Resp: 13096
Ion Ratio Lower Upper
43 100
72 28.4 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 7.24 min Scan# 1758
Delta R.T. 0.03 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion: 42 Resp: 2774
Ion Ratio Lower Upper
42 100
72 2.6 32.2 48.4#
71 33.0 30.5 45.7

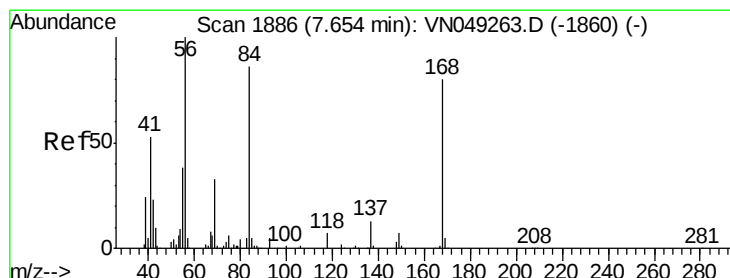
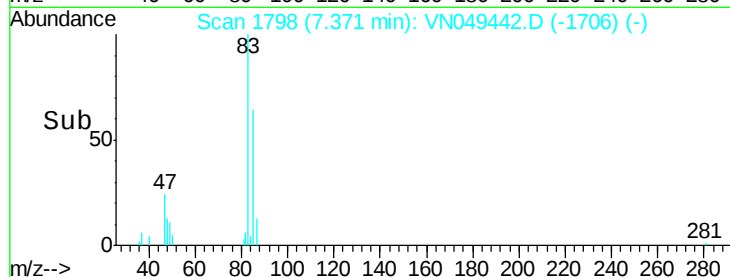
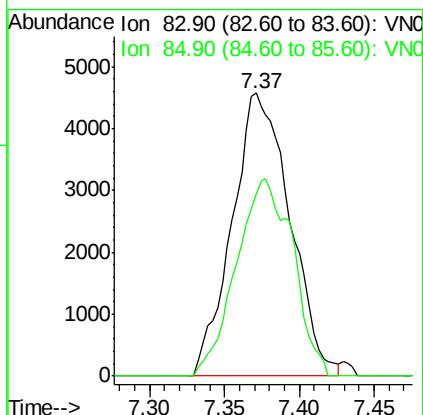
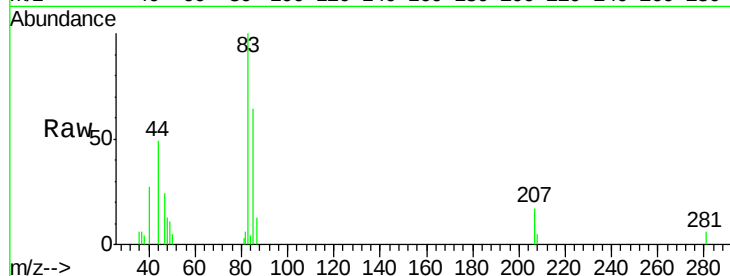




#30
Chloroform
Concen: 0.45 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

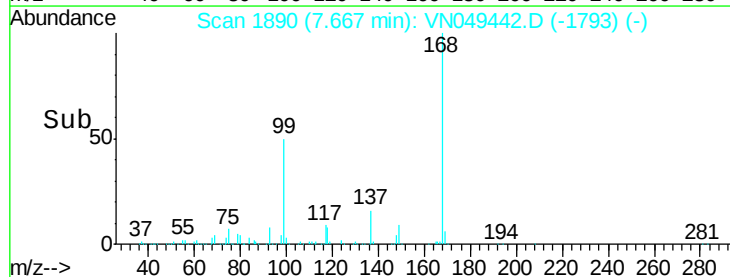
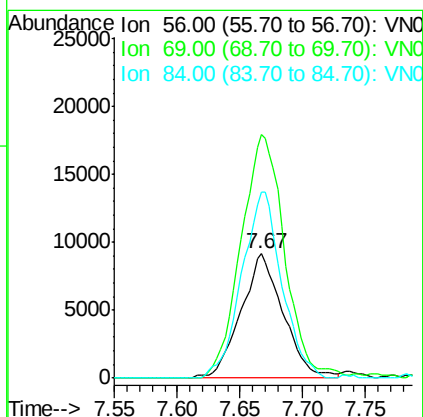
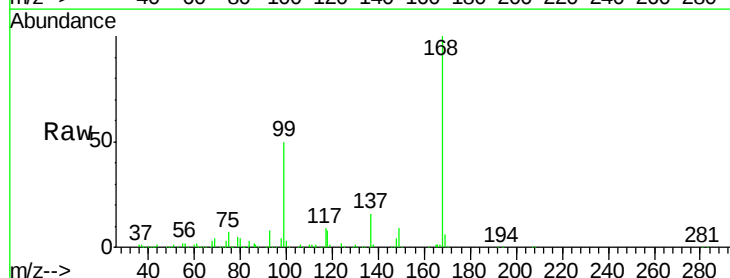
Instrument :
MSVOA_N
ClientSampled :

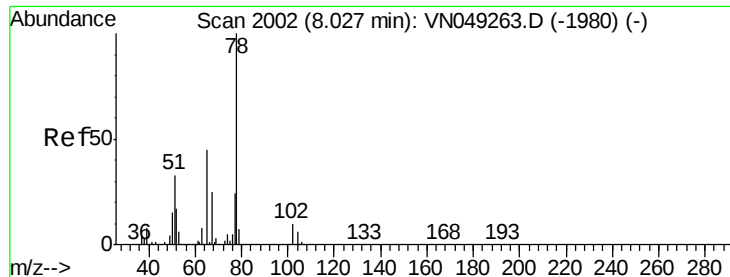
Tot Ion: 83 Resp: 12315
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion: 56 Resp: 21523
Ion Ratio Lower Upper
56 100
69 195.7 25.0 37.4#
84 149.1 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 50.30 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

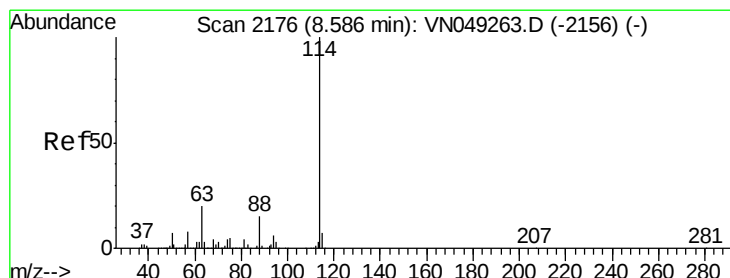
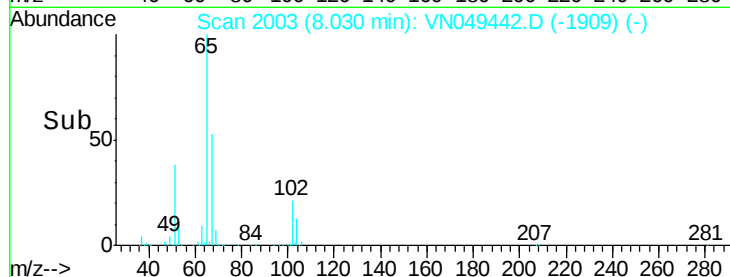
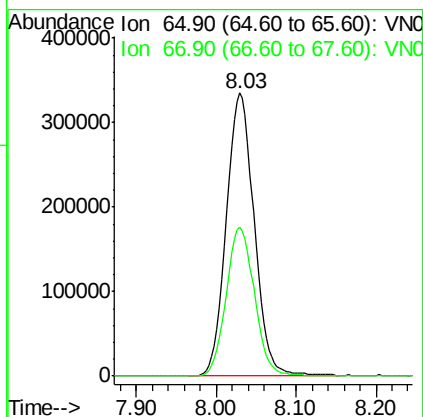
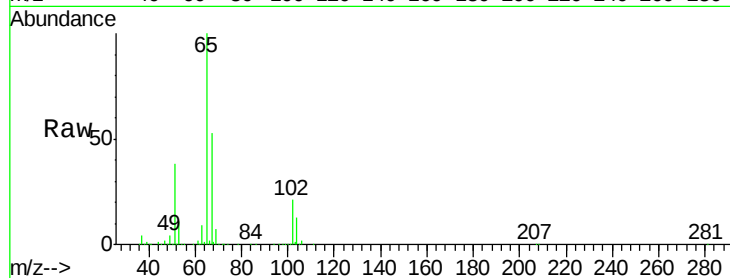
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 799046

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

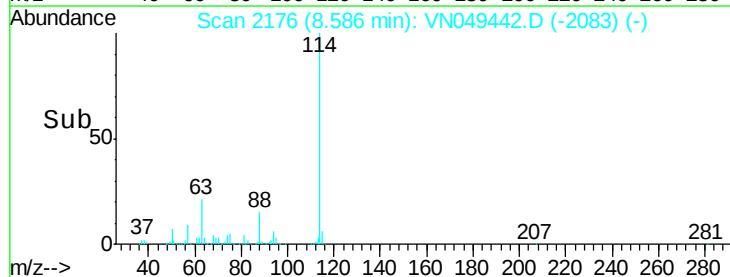
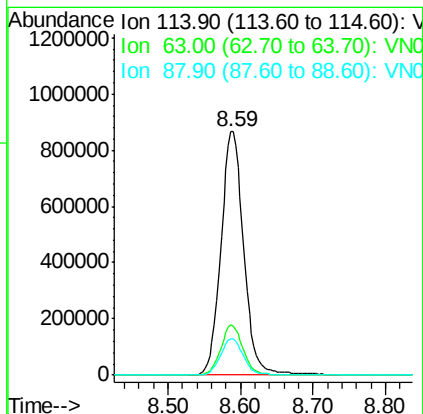
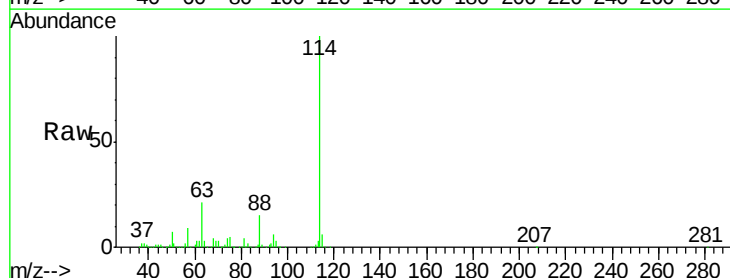
Tgt Ion: 114 Resp: 1884182

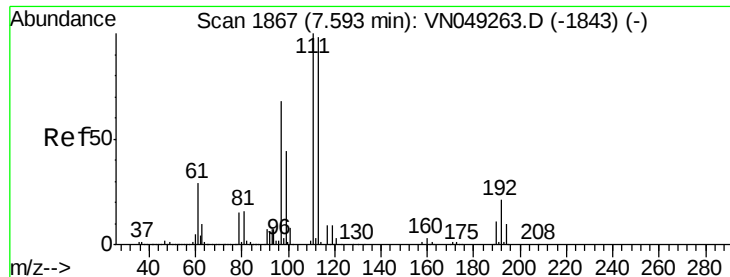
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.4

88 15.1 0.0 31.4

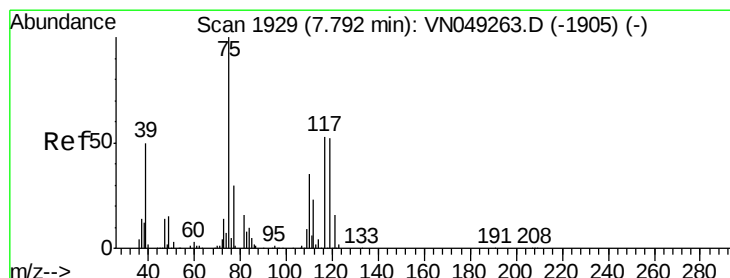
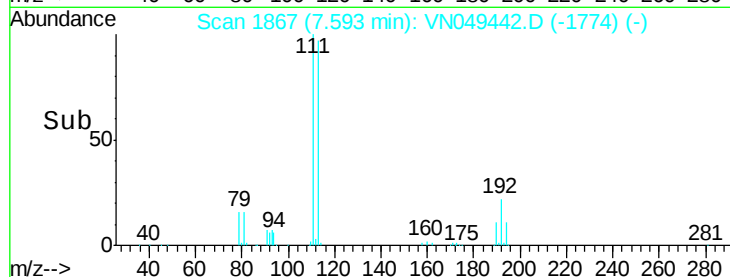
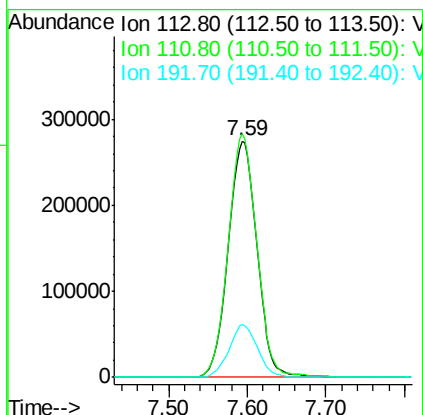
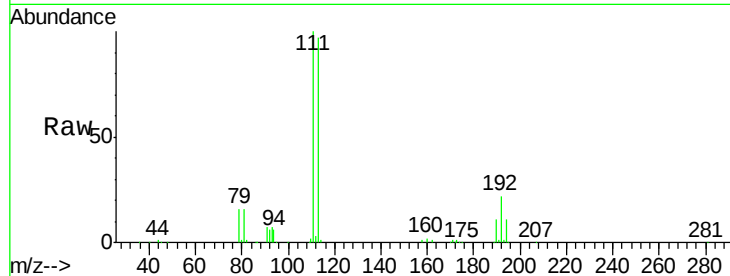




#35
 Dibromofluoromethane
 Concen: 45.75 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

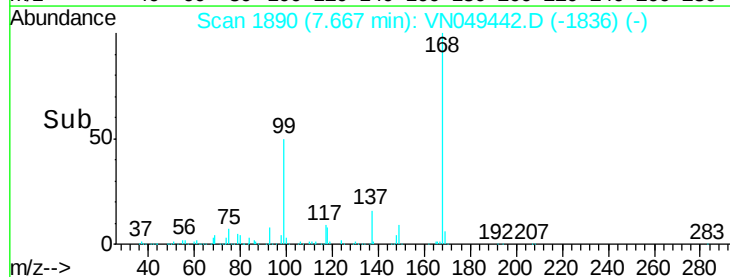
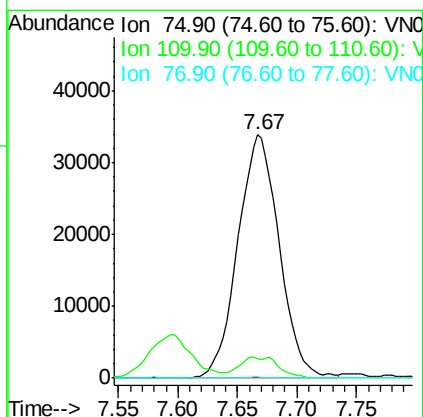
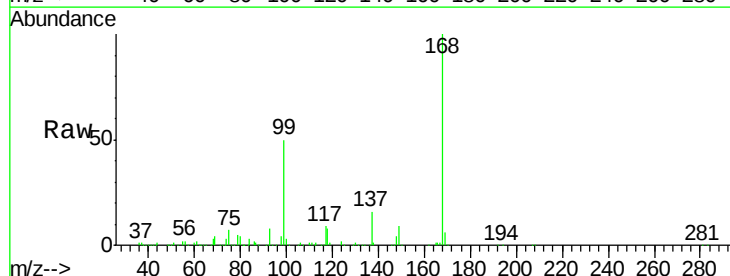
Instrument :
 MSVOA_N
 ClientSampleId :

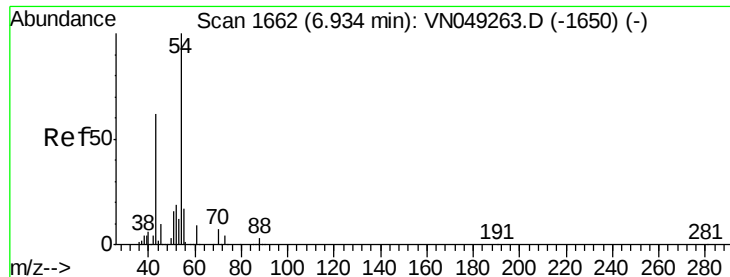
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	22.0	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.0	17.0	50.9#
77	0.1	24.4	36.6#

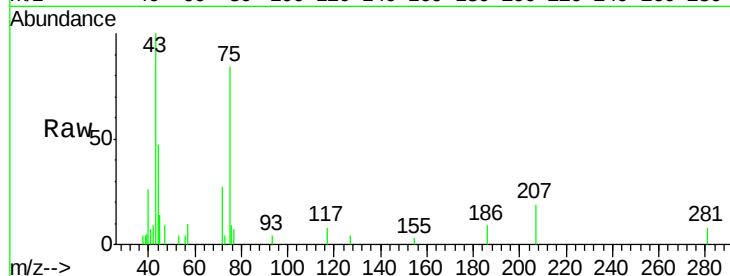




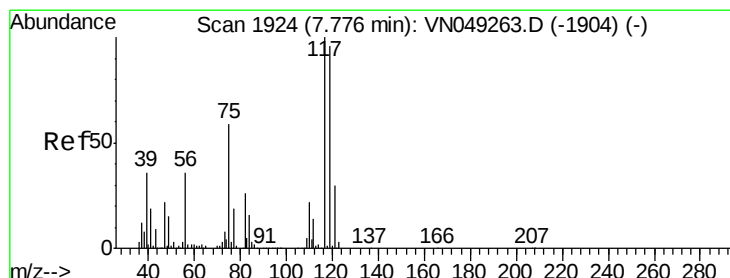
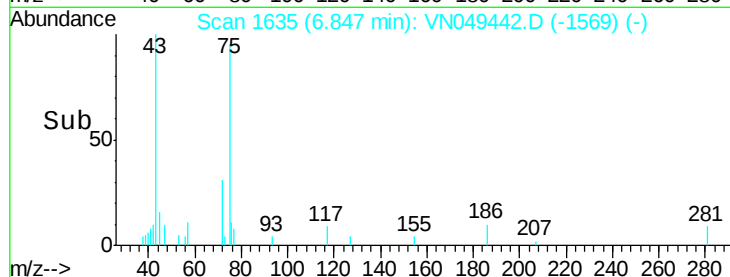
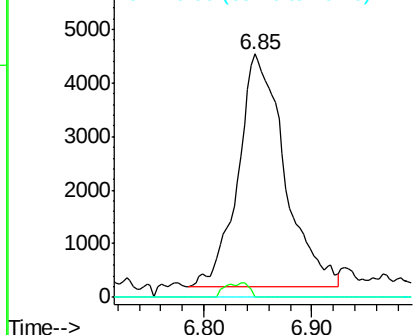
#37
Ethyl Acetate
Concen: 1.12 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. -0.09 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 13096
Ion Ratio Lower Upper
43 100
61 3.2 11.0 16.4#
70 0.0 7.2 10.8#

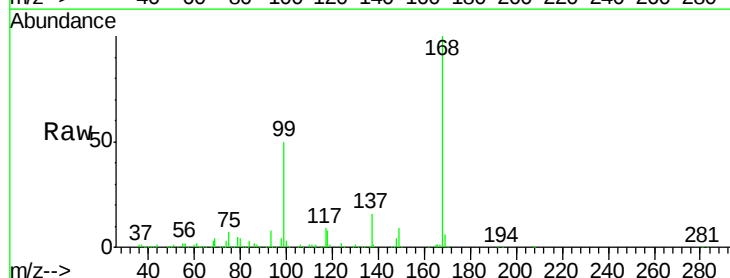


Abundance Ion 43.00 (42.70 to 43.70): VN049442.D (-1569) (-)
Ion 60.90 (60.60 to 61.60): VN049442.D (-1569) (-)
Ion 70.00 (69.70 to 70.70): VN049442.D (-1569) (-)

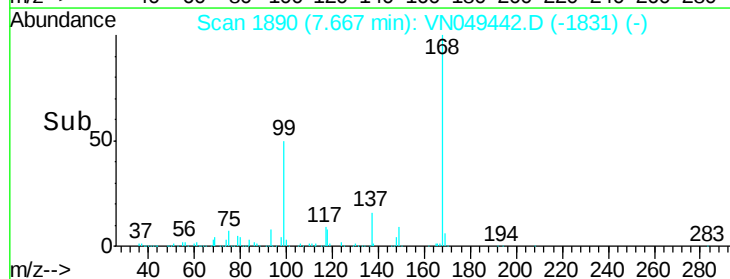
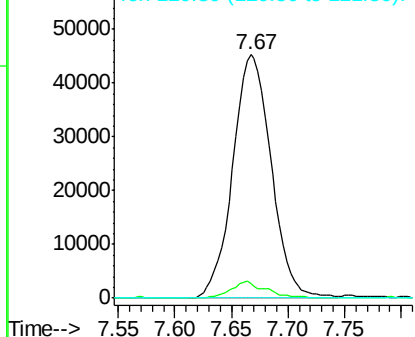


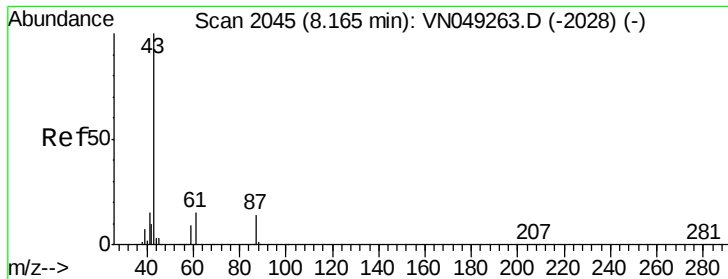
#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion: 117 Resp: 107308
Ion Ratio Lower Upper
117 100
119 6.0 75.6 113.4#
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): VN049442.D (-1831) (-)
Ion 118.80 (118.50 to 119.50): VN049442.D (-1831) (-)
Ion 120.80 (120.50 to 121.50): VN049442.D (-1831) (-)



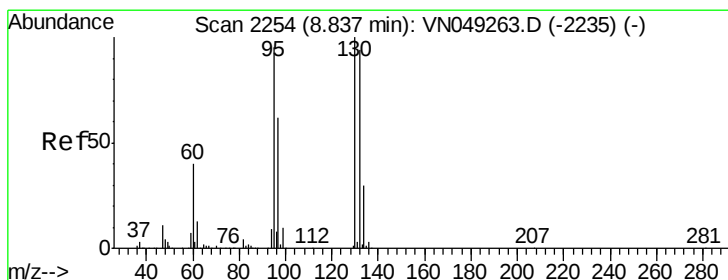
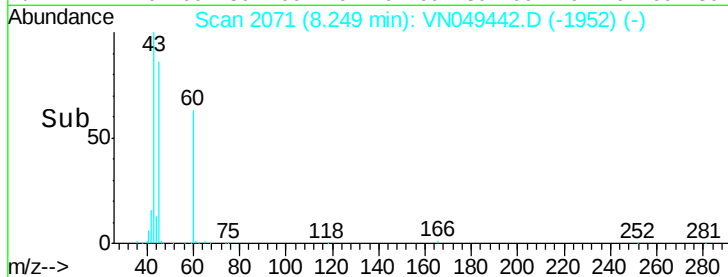
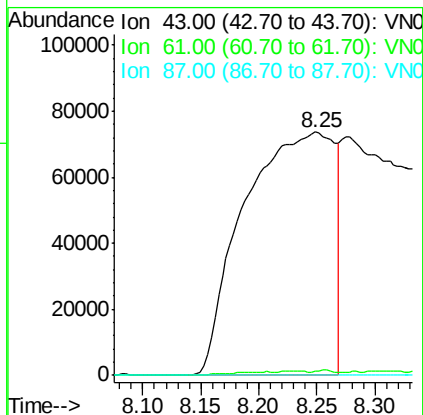
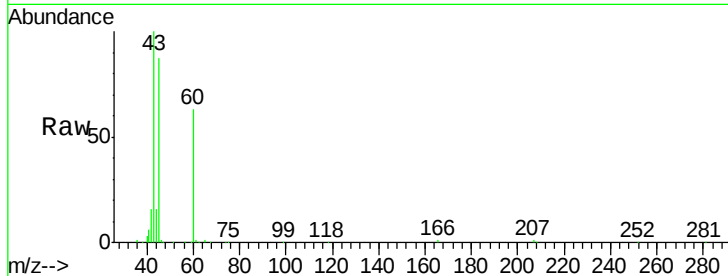


#43

Isopropyl Acetate
 Concen: 17.72 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.08 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

Instrument :
 MSVOA_N
 ClientSampleId :

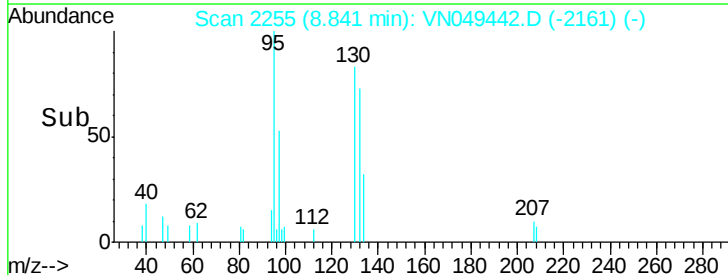
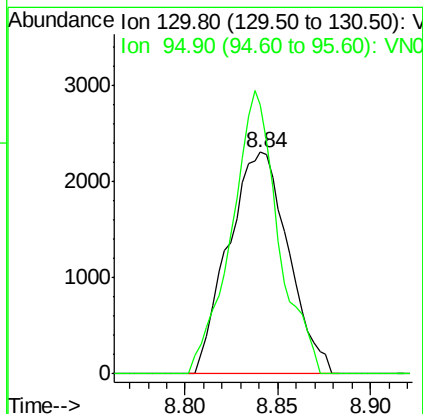
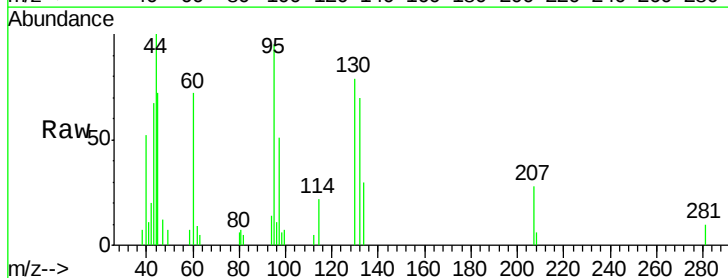
Tot Ion: 43 Resp: 397525
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.2 21.4#
 87 0.0 9.4 14.0#

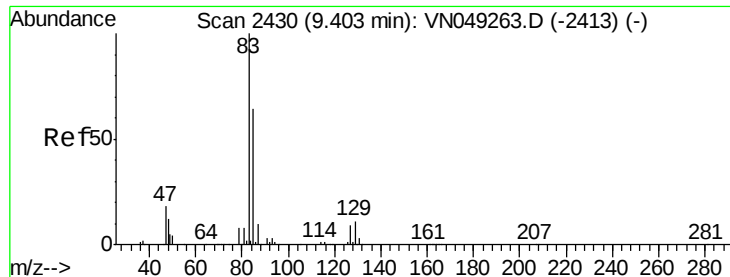


#44

Trichloroethene
 Concen: 0.30 ug/l
 RT: 8.84 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

Tgt Ion:130 Resp: 5175
 Ion Ratio Lower Upper
 130 100
 95 121.2 0.0 208.6





#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :
MSVOA_N
ClientSampled :

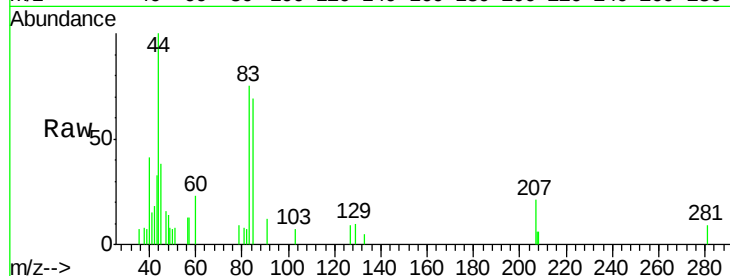
Tot Ion: 83 Resp: 4940

Ion Ratio Lower Upper

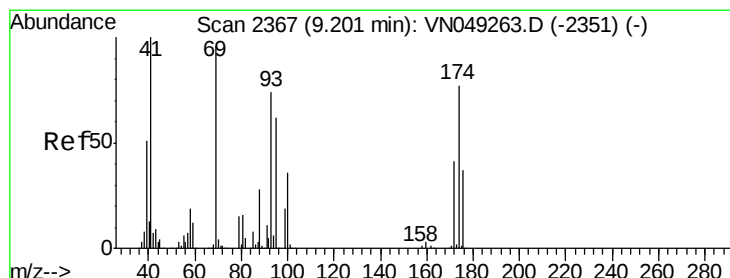
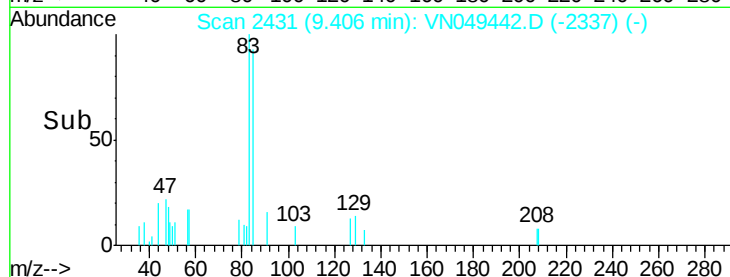
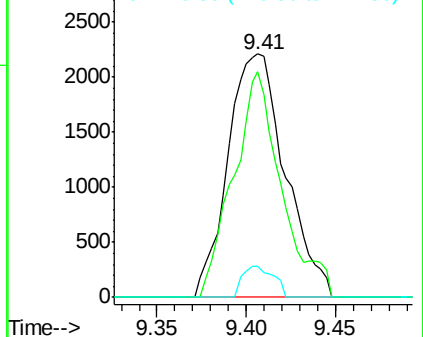
83 100

85 92.8 49.4 74.0#

127 12.6 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 0.89 ug/l

RT: 9.19 min Scan# 2365

Delta R.T. -0.01 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

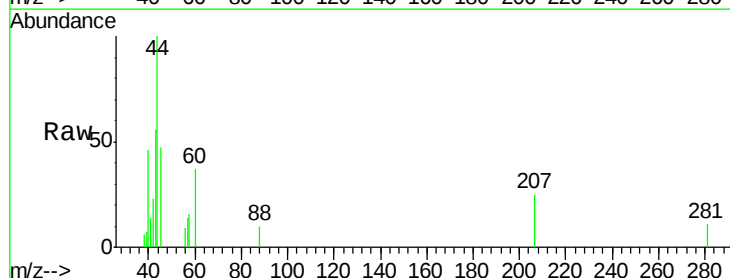
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

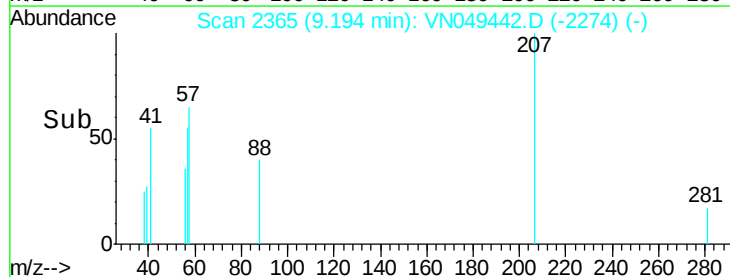
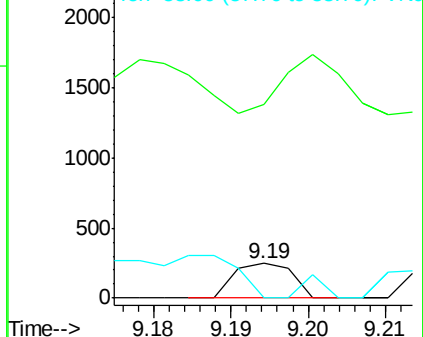
88 100

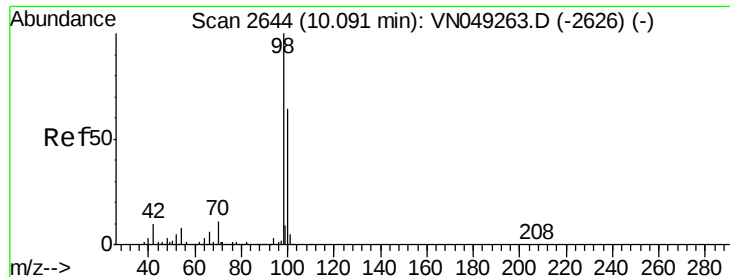
43 183.8 30.9 46.3#

58 24.6 58.9 88.3#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 44.13 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

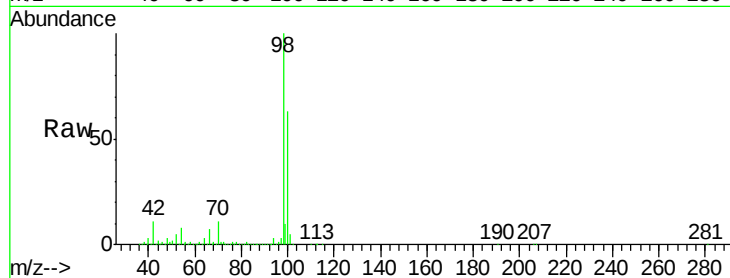
ClientSampled :

Tot Ion: 98 Resp: 2561583

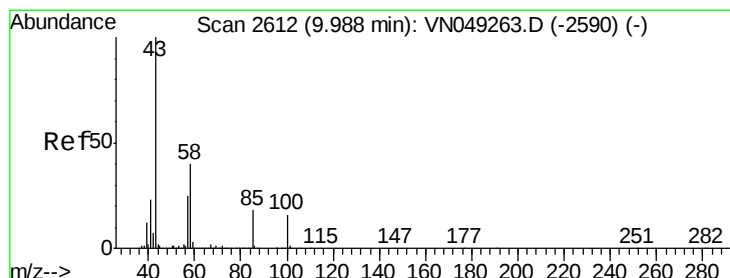
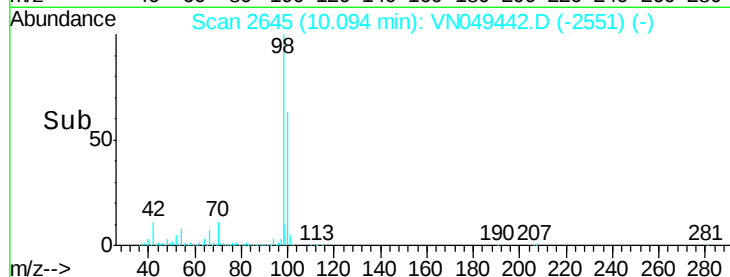
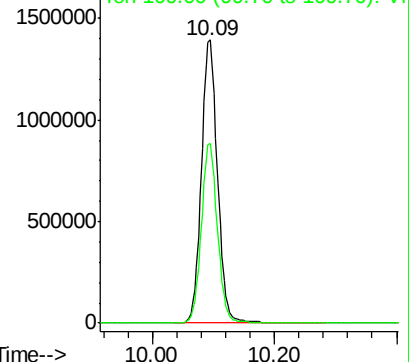
Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.44 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049442.D

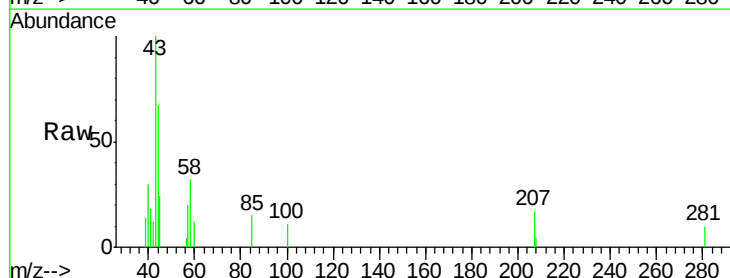
Acq: 20 Jun 2018 17:55

Tgt Ion: 43 Resp: 5169

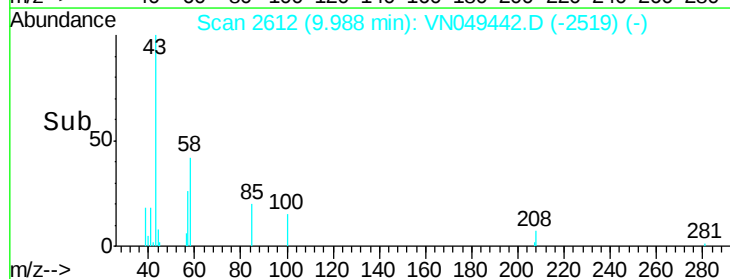
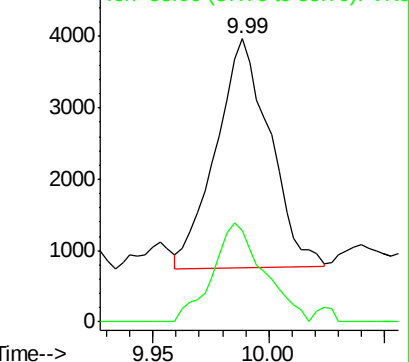
Ion Ratio Lower Upper

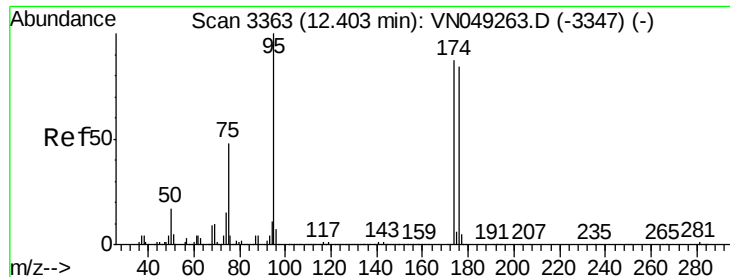
43 100

58 41.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)





#62

4-Bromofluorobenzene

Concen: 34.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

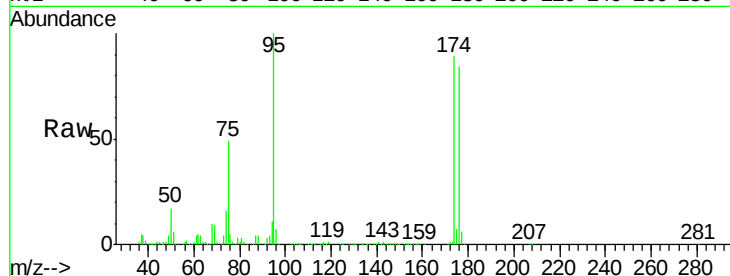
Tot Ion: 95 Resp: 665454

Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.6

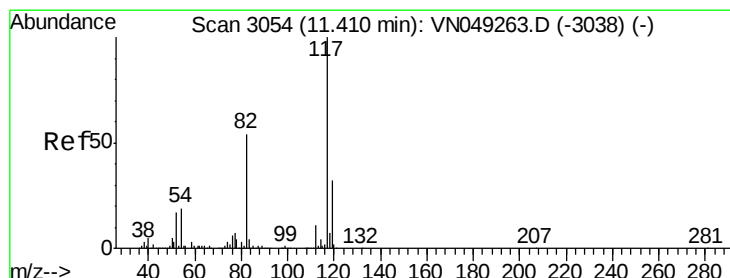
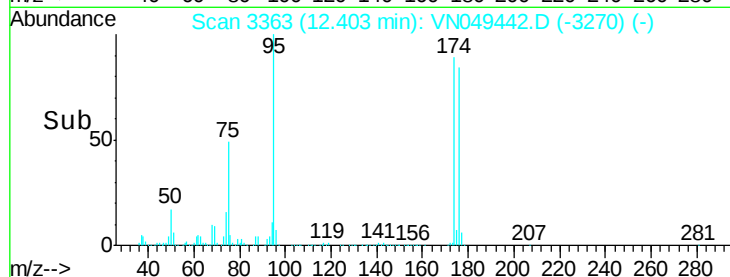
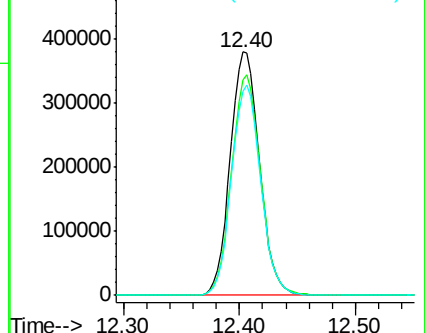
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049442.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049442.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049442.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

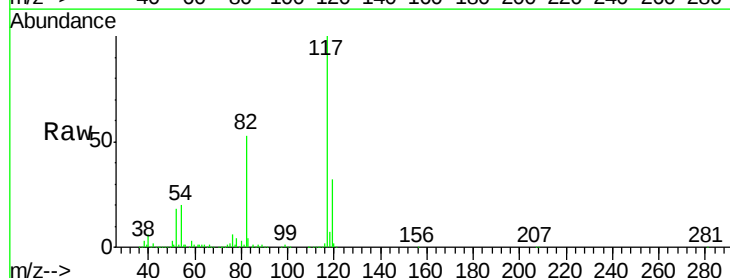
Tgt Ion: 117 Resp: 1550232

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

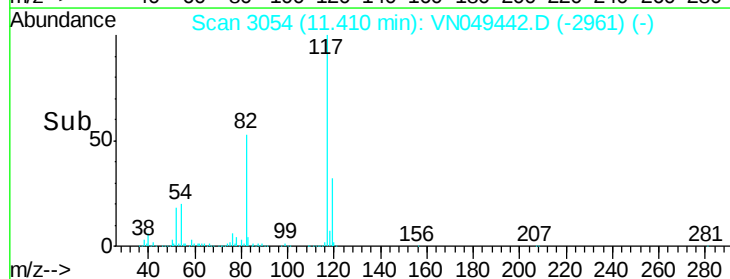
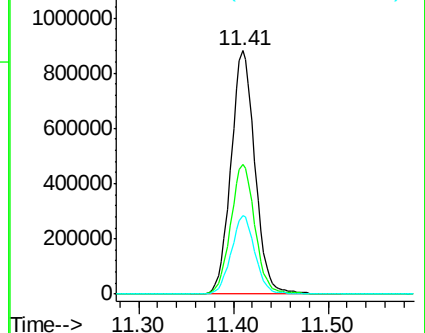
119 32.2 25.5 38.3

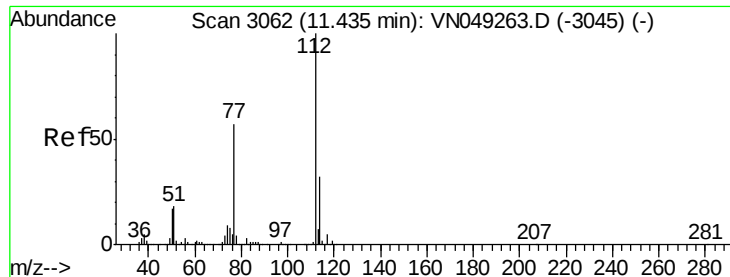


Abundance Ion 116.90 (116.60 to 117.60): VN049442.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049442.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049442.D (-2961) (-)

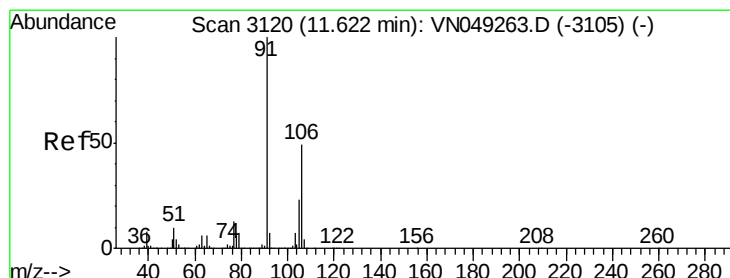
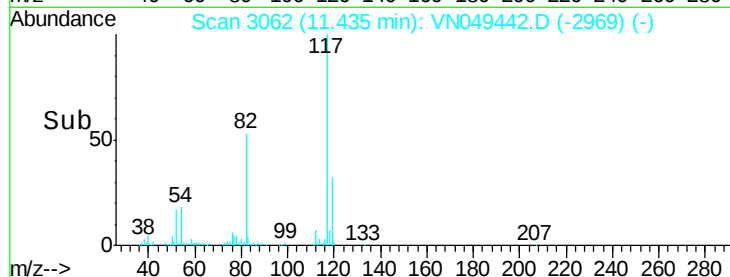
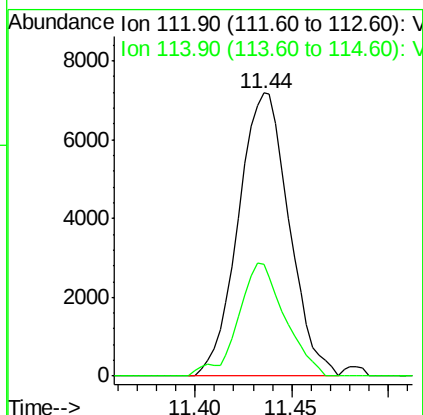
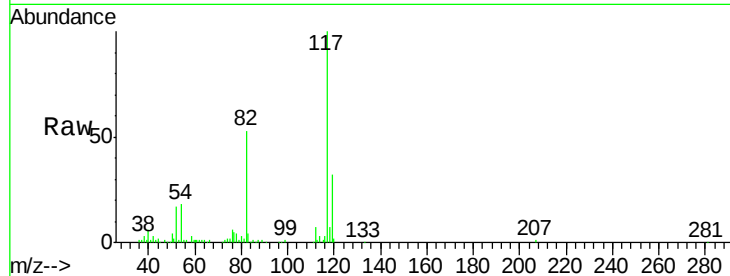




#65
Chlorobenzene
Concen: 0.33 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

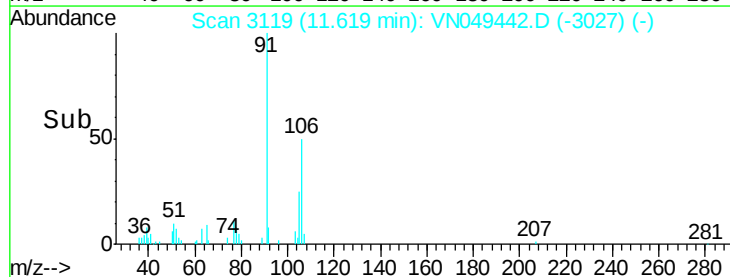
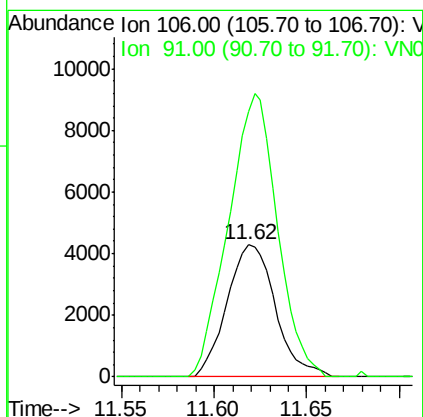
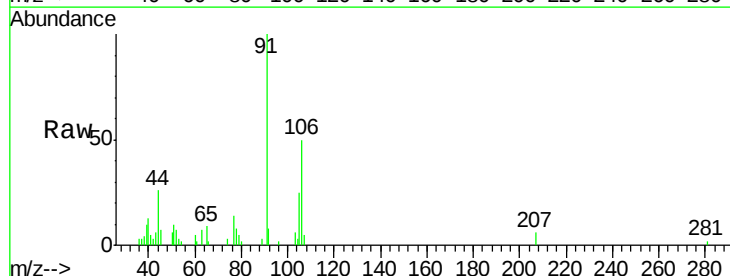
Instrument :
MSVOA_N
ClientSampled :

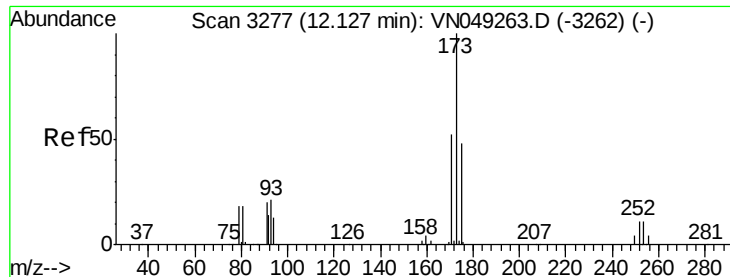
Tot Ion:112 Resp: 13124
Ion Ratio Lower Upper
112 100
114 39.6 26.2 39.4#



#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049442.D
Acq: 20 Jun 2018 17:55

Tgt Ion:106 Resp: 7769
Ion Ratio Lower Upper
106 100
91 215.8 167.3 250.9





#71

Bromoform

Concen: 0.49 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

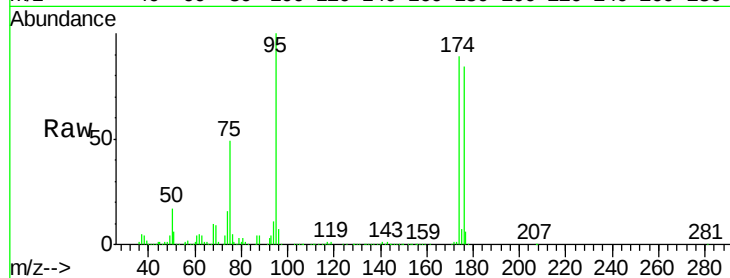
Tot Ion:173 Resp: 4795

Ion Ratio Lower Upper

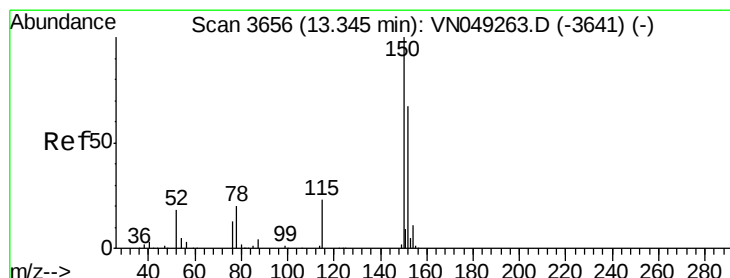
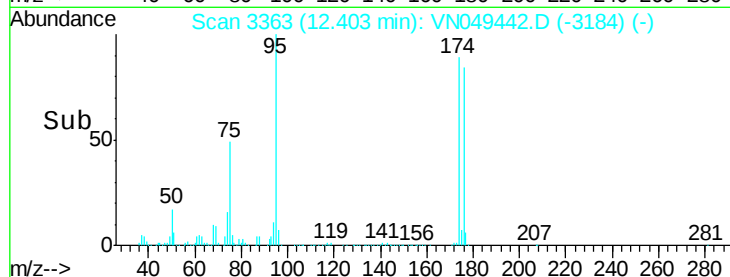
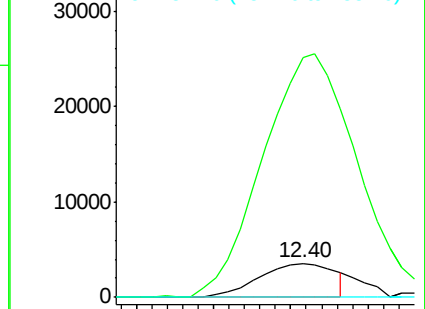
173 100

175 712.3 24.5 73.5#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

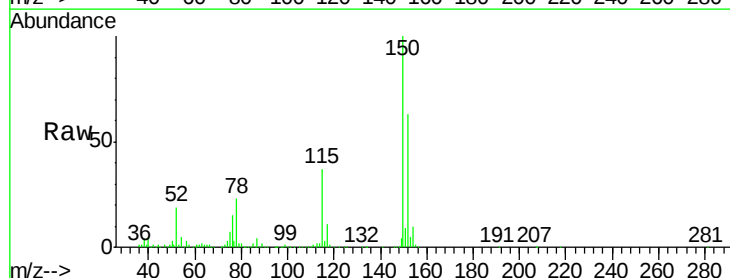
Tgt Ion:152 Resp: 477799

Ion Ratio Lower Upper

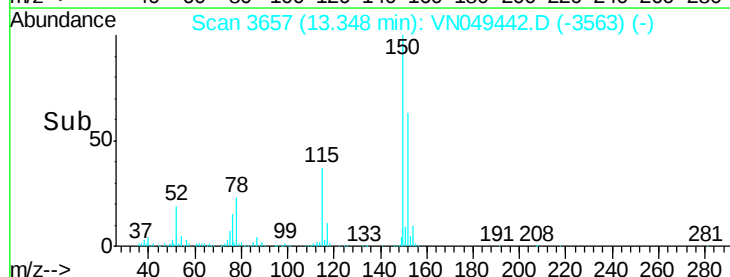
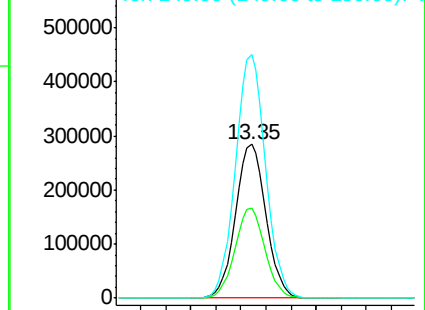
152 100

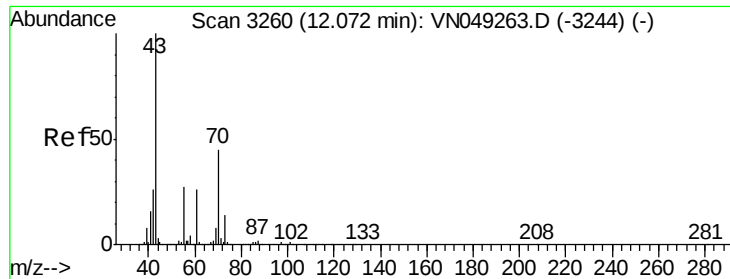
115 57.7 28.7 86.1

150 156.9 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.24 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2470

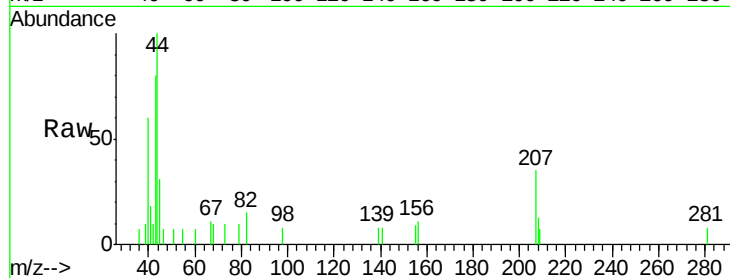
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 8.4 19.4 29.2#

61 0.0 17.8 26.6#

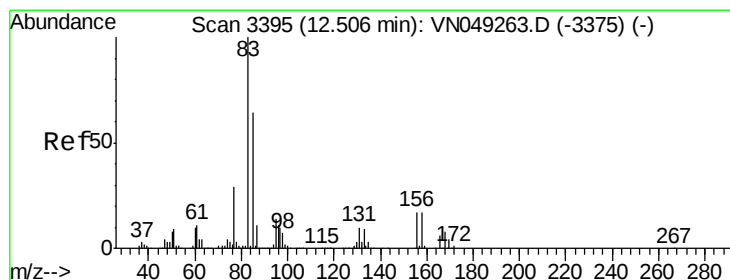
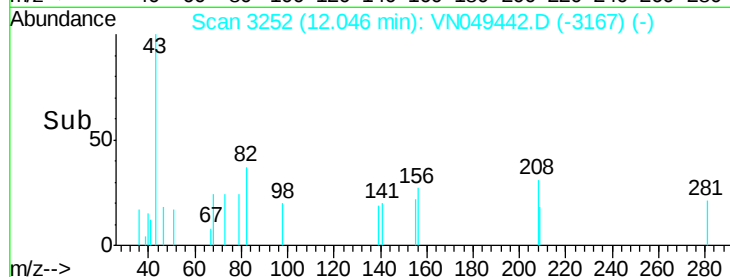
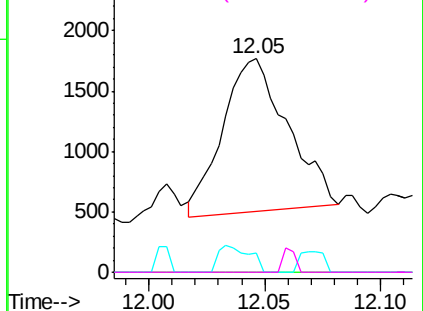


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3400

Delta R.T. 0.02 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

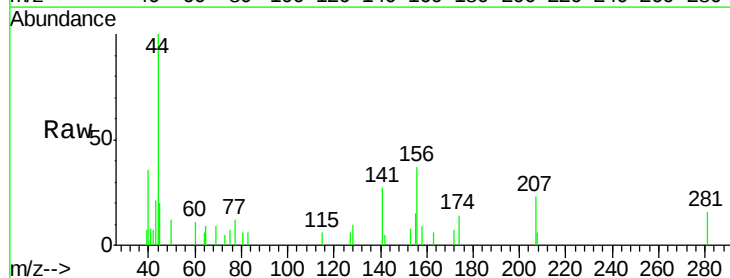
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

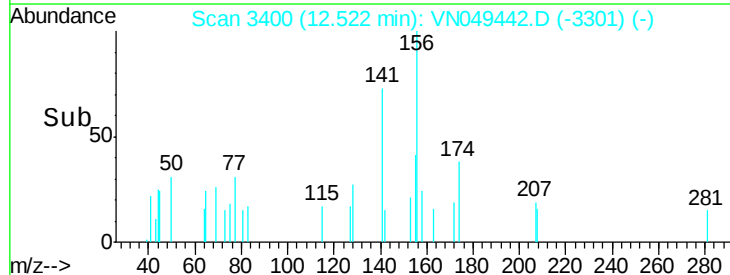
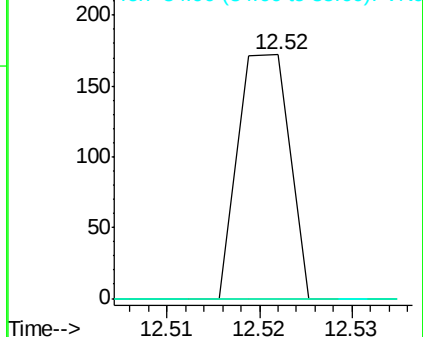
85 0.0 32.0 96.0#

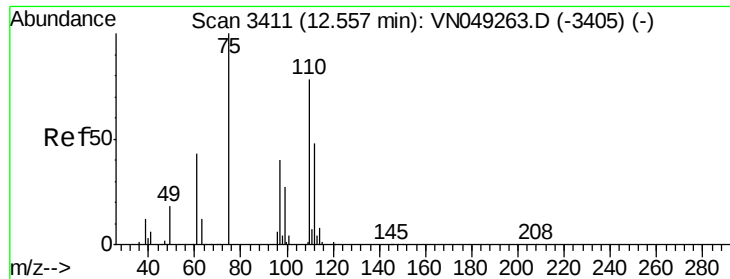


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

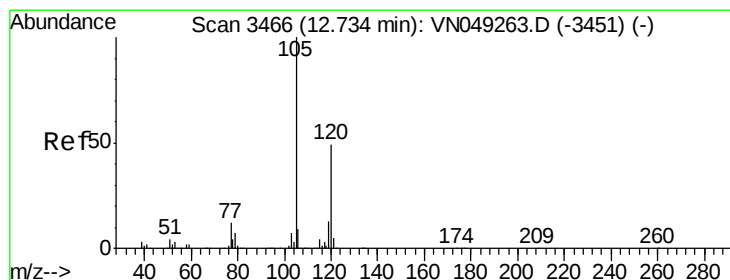
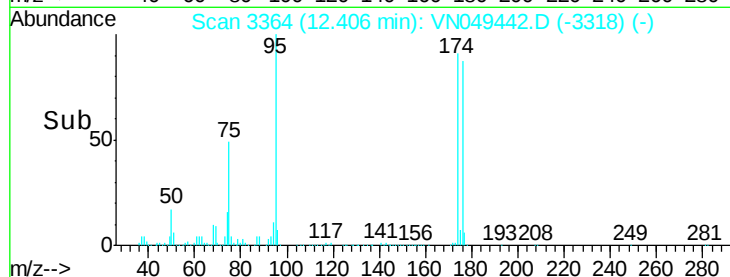
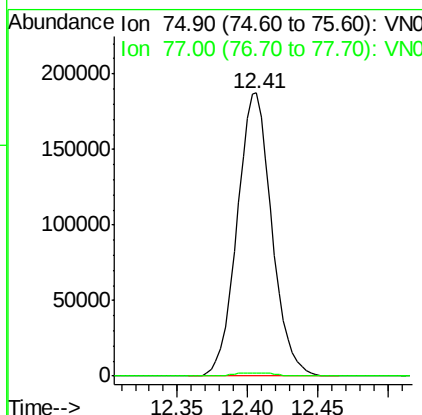
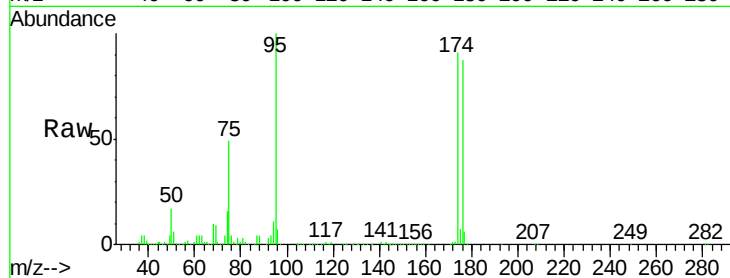




#76
 1,2,3-Trichloropropane
 Concen: 39.54 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. -0.15 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

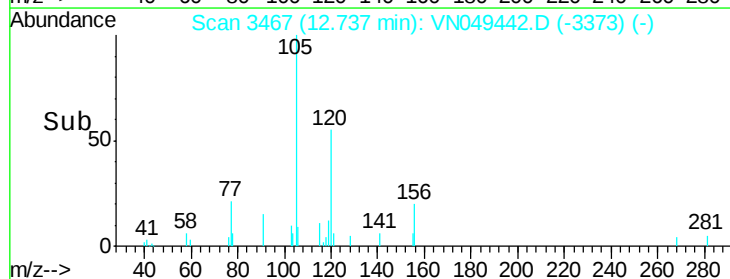
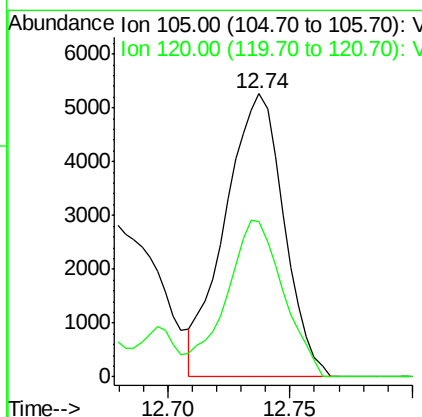
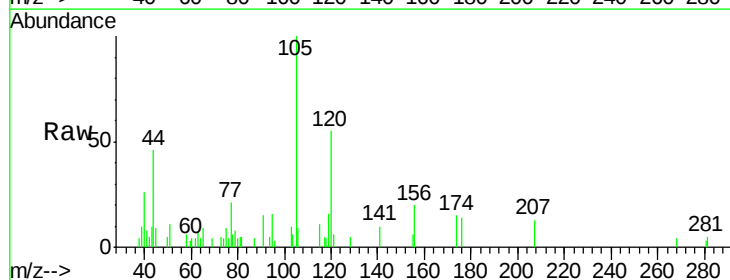
Instrument :
 MSVOA_N
 ClientSampled :

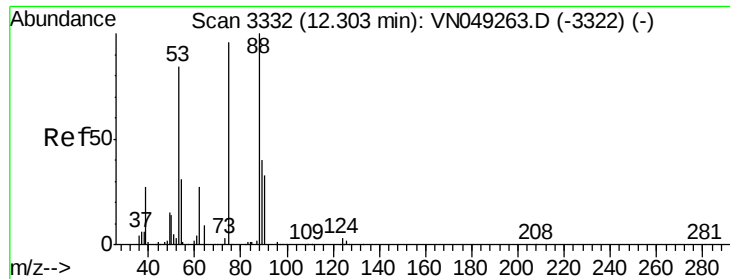
Tot Ion: 75 Resp: 322367
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN049442.D
 Acq: 20 Jun 2018 17:55

Tgt Ion:105 Resp: 8810
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 124.97 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

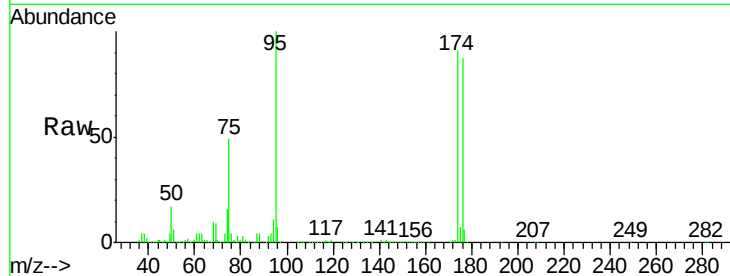
Tot Ion: 75 Resp: 322367

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

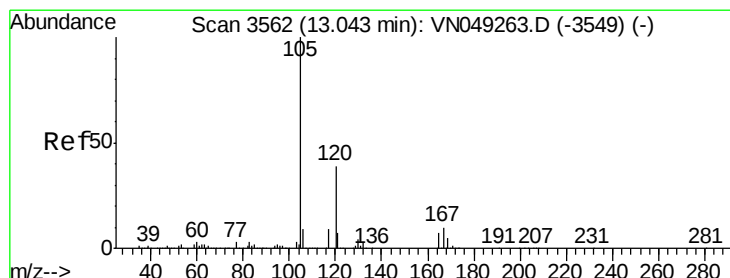
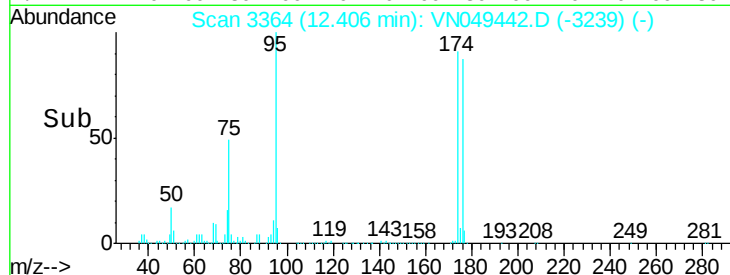
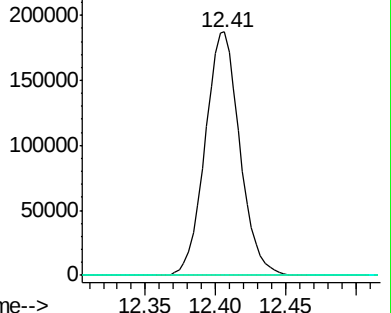
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049442.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049442.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049442.D (-3364) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.83 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049442.D

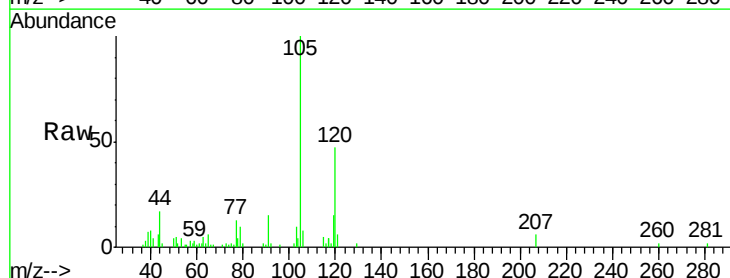
Acq: 20 Jun 2018 17:55

Tgt Ion: 105 Resp: 27296

Ion Ratio Lower Upper

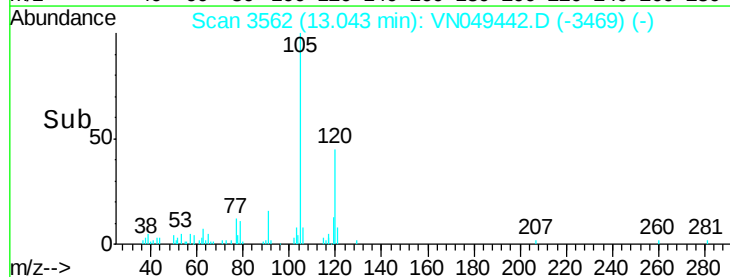
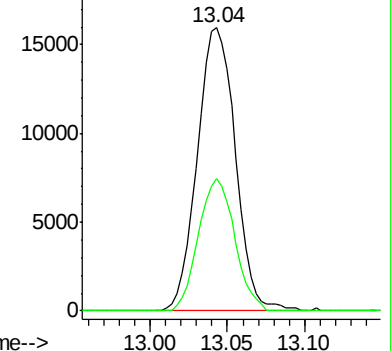
105 100

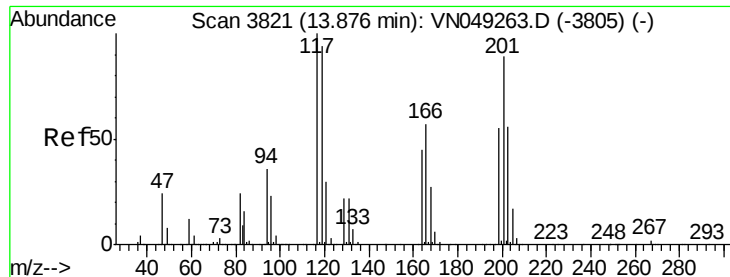
120 44.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049442.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049442.D (-3562) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

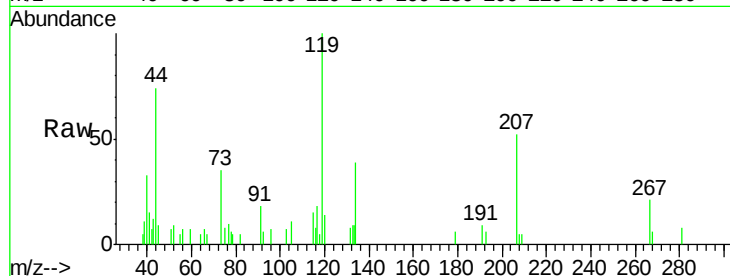
ClientSampleId :

Tot Ion:117 Resp: 797

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

600

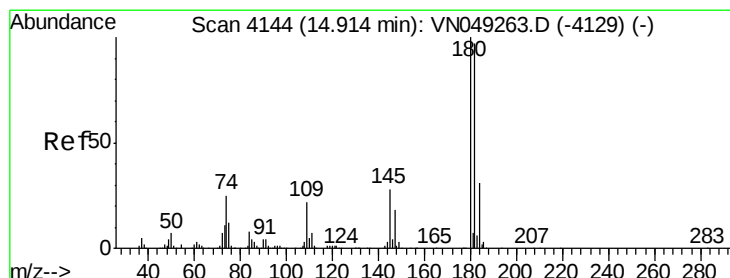
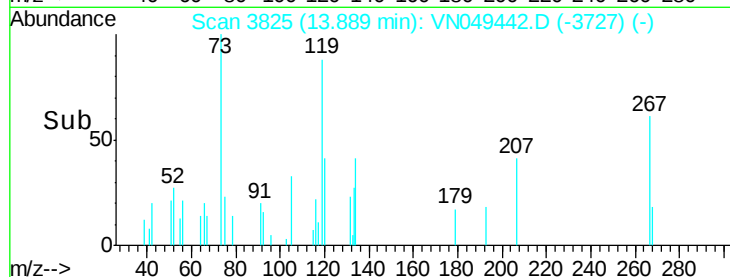
400

200

0

Time--> 13.85

13.90



#93

1,2,4-Trichlorobenzene

Concen: 4.81 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

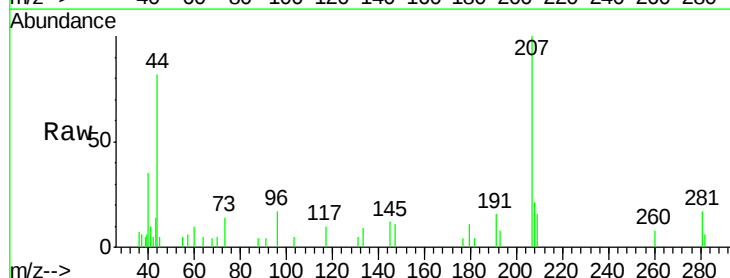
Tgt Ion:180 Resp: 638

Ion Ratio Lower Upper

180 100

182 26.3 46.9 140.8#

145 112.4 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.91

600

500

400

300

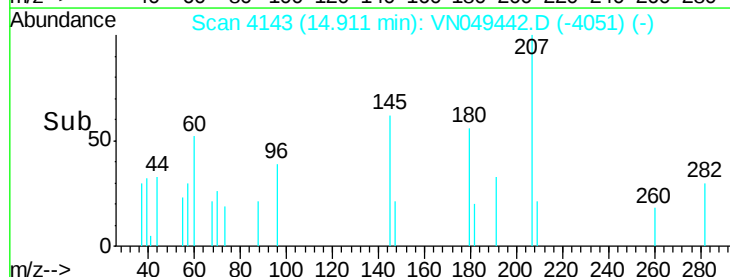
200

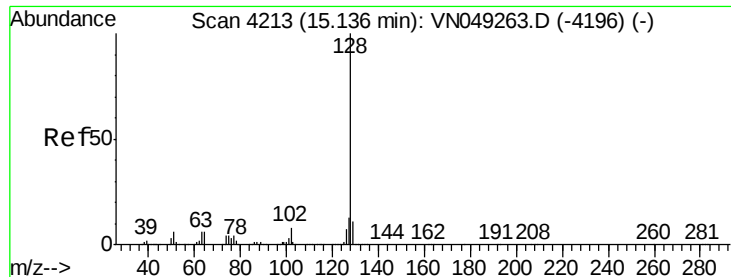
100

0

Time--> 14.90

14.95





#95

Naphthalene

Concen: 12.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

Instrument :

MSVOA_N

ClientSampled :

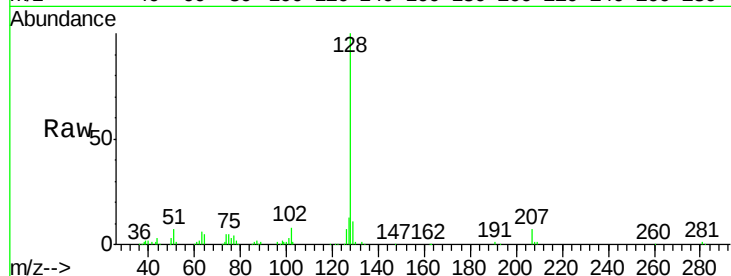
Tot Ion:128 Resp: 144543

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

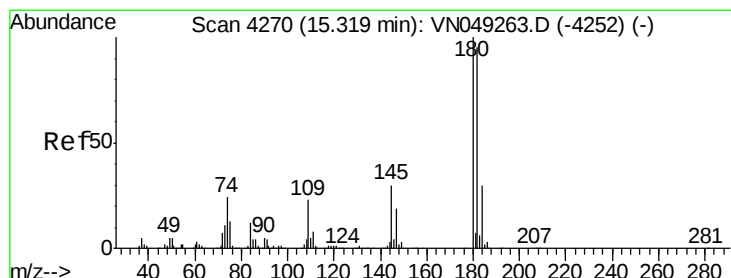
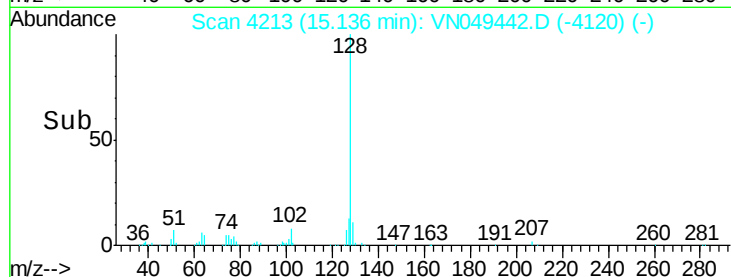
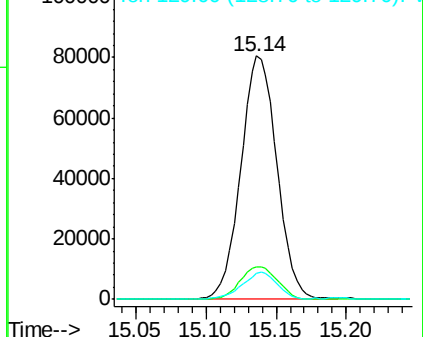
129 11.0 8.5 12.7



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: 3.49 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.01 min

Lab File: VN049442.D

Acq: 20 Jun 2018 17:55

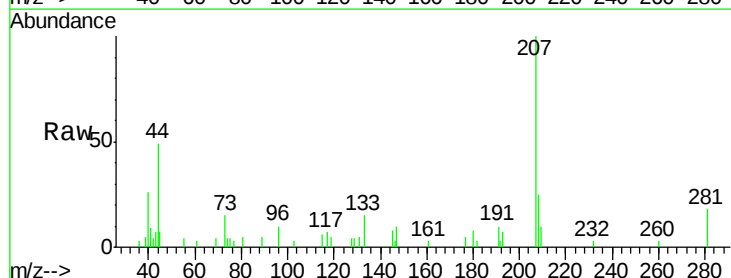
Tgt Ion:180 Resp: 322

Ion Ratio Lower Upper

180 100

182 32.9 47.3 141.8#

145 27.6 15.6 46.7



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

