

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049517.D
 Acq On : 25 Jun 2018 18:04
 Operator : MD\SY
 Sample : PB110537ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#02

Quant Time: Jun 26 01:41:06 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	1214677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1886533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1586124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	804104	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.59	113	716610	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	10.09	98	2624632	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	640212	33.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.64%	

Target Compounds

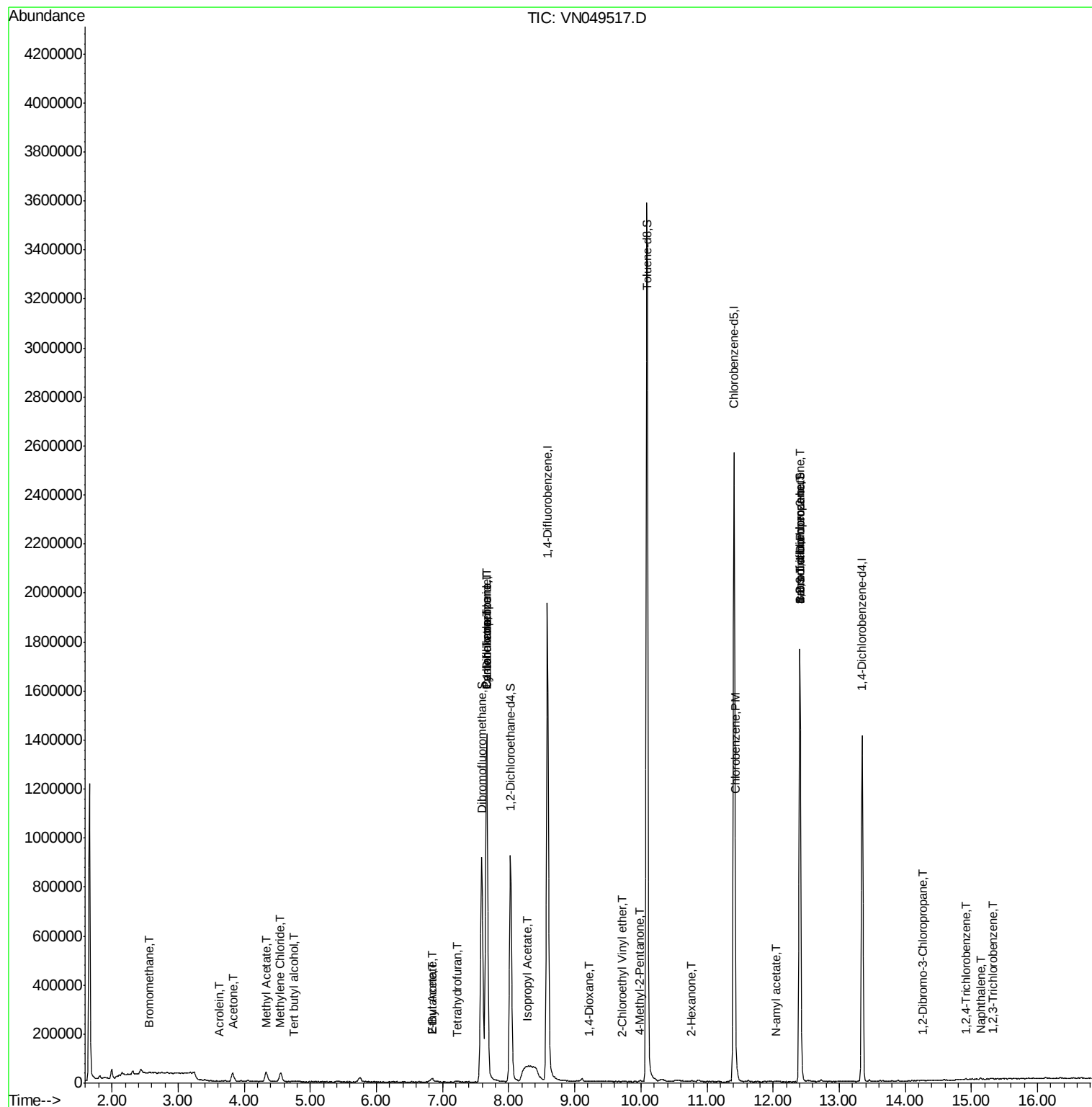
						Qvalue
5) Bromomethane	2.57	94	2696	0.27	ug/l	94
11) Tert butyl alcohol	4.76	59	312	0.33	ug/l #	70
13) Acrolein	3.62	56	846	0.85	ug/l	92
16) Acetone	3.82	43	58281	14.90	ug/l	92
18) Methyl Acetate	4.33	43	73985	6.20	ug/l	93
20) Methylene Chloride	4.55	84	27428	1.68	ug/l	93
25) 2-Butanone	6.86	43	8599	1.64	ug/l #	84
29) Tetrahydrofuran	7.22	42	1797	0.53	ug/l #	59
31) Cyclohexane	7.67	56	22575	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	84259	3.90	ug/l #	51
37) Ethyl Acetate	6.86	43	8599	0.73	ug/l #	77
38) Carbon Tetrachloride	7.67	117	110586	4.94	ug/l #	16
43) Isopropyl Acetate	8.27	43	93914	4.18	ug/l #	64
49) 1,4-Dioxane	9.21	88	485	3.32	ug/l #	42
51) 4-Methyl-2-Pentanone	9.99	43	5281	0.45	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.72	63	60	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	2381	0.31	ug/l	86
65) Chlorobenzene	11.44	112	13651	0.33	ug/l #	88
71) Bromoform	12.41	173	2775	0.28	ug/l #	1
74) N-amyl acetate	12.05	43	2771	0.31	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.50	83	229	Below	Cal #	58
76) 1,2,3-Trichloropropane	12.41	75	314259	44.15	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	314259	139.55	ug/l #	9
90) Hexachloroethane	13.62	117	64	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.25	75	358	0.28	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	1443	4.93	ug/l	90
94) Hexachlorobutadiene	15.01	225	319	Below	Cal	85
95) Naphthalene	15.14	128	3140	2.35	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	1131	3.61	ug/l	74

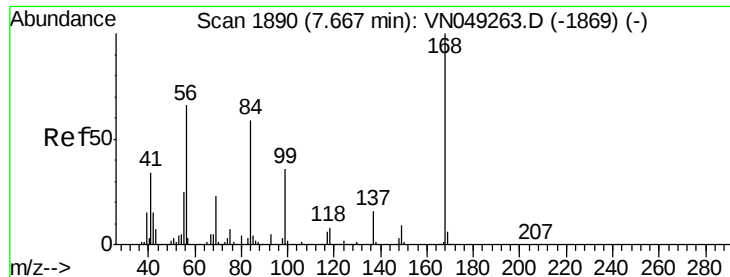
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 01:41:06 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

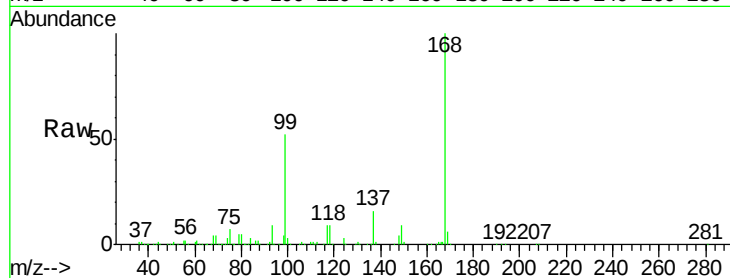
PB110537ZHE#02

Tot Ion:168 Resp: 1214677

Ion Ratio Lower Upper

168 100

99 52.0 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

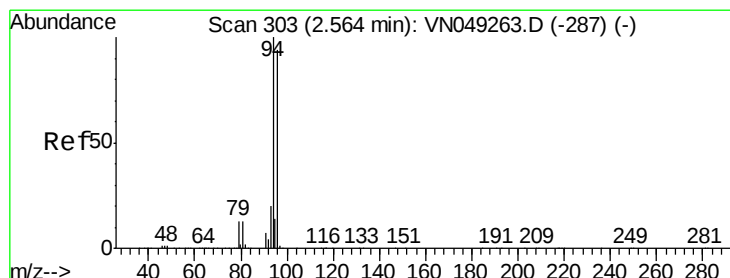
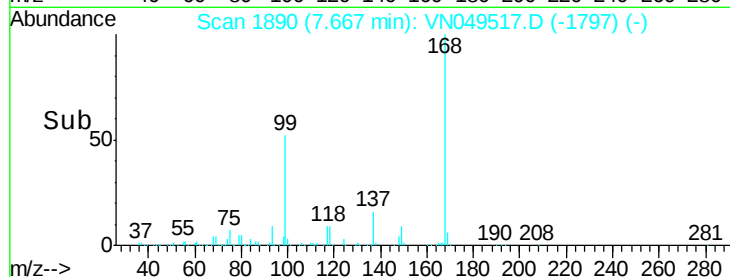
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.27 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049517.D

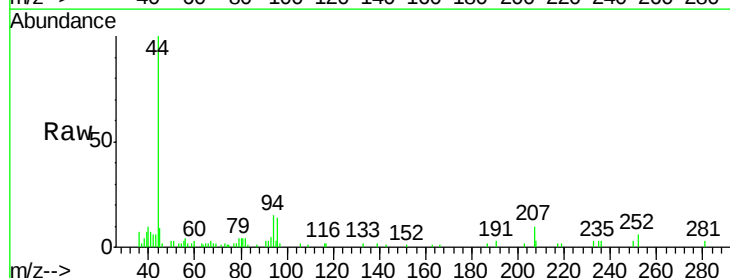
Acq: 25 Jun 2018 18:04

Tgt Ion: 94 Resp: 2696

Ion Ratio Lower Upper

94 100

96 96.5 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

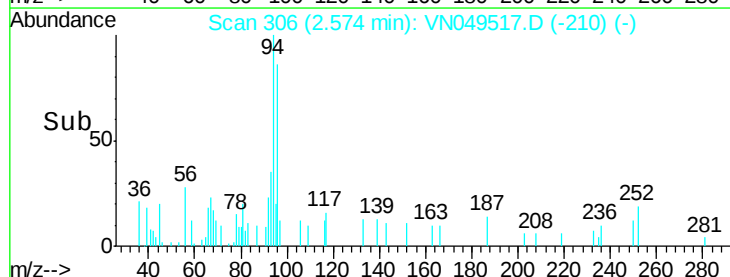
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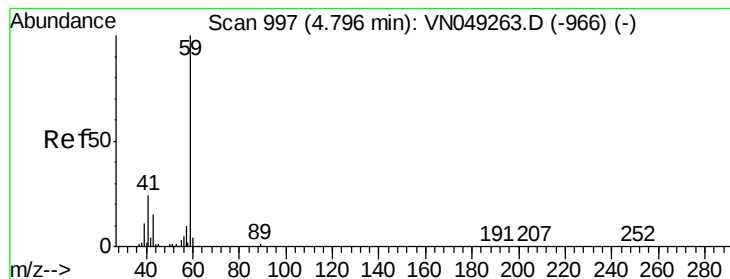
1000

500

0

Time-->



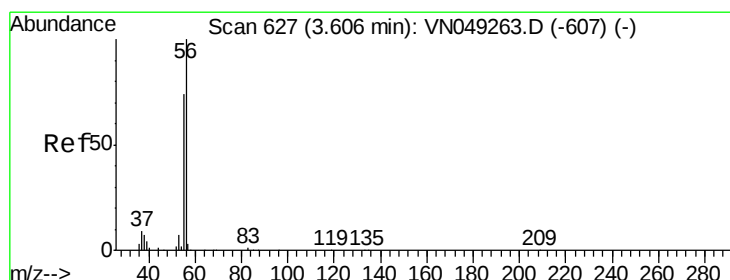
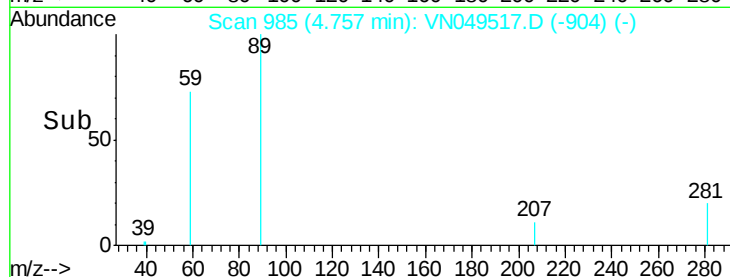
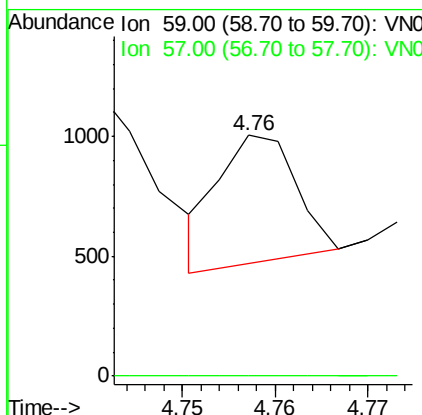
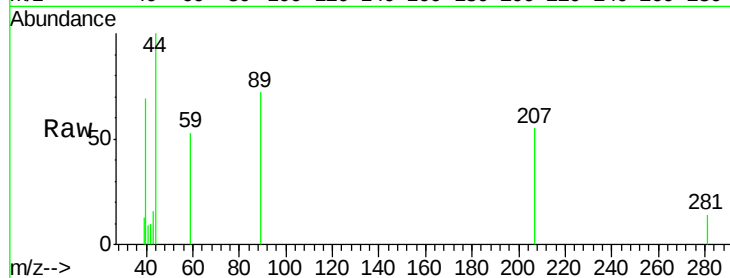


#11

Tert butyl alcohol
 Concen: 0.33 ug/l
 RT: 4.76 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#02

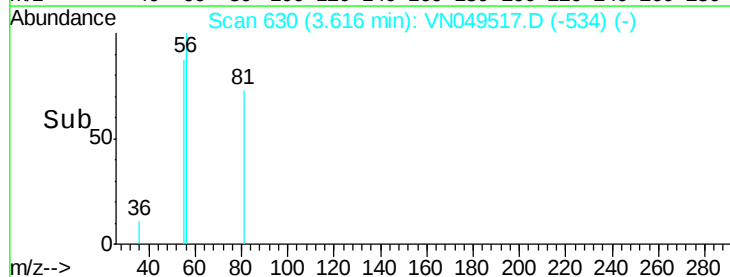
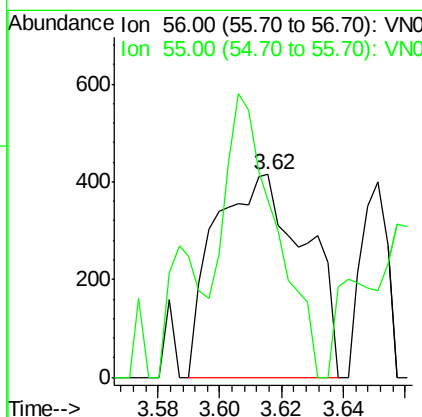
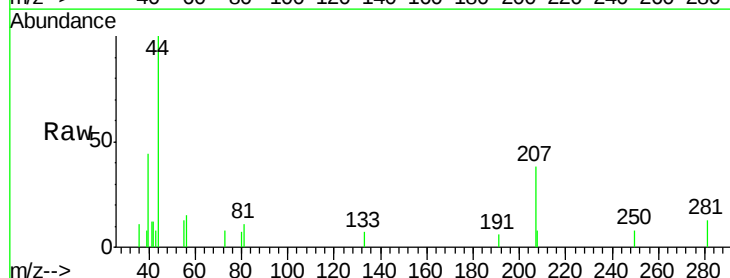
Tot Ion: 59 Resp: 312
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

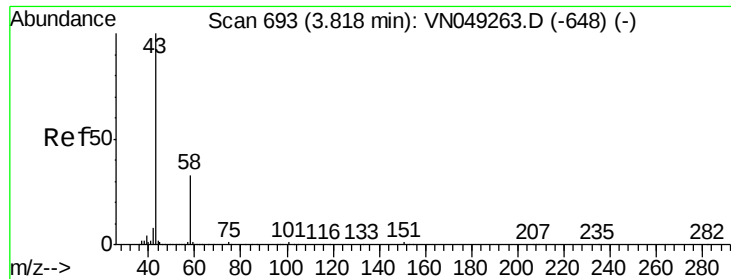


#13

Acrolein
 Concen: 0.85 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

Tgt Ion: 56 Resp: 846
 Ion Ratio Lower Upper
 56 100
 55 78.0 57.1 85.7





#16

Acetone

Concen: 14.90 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

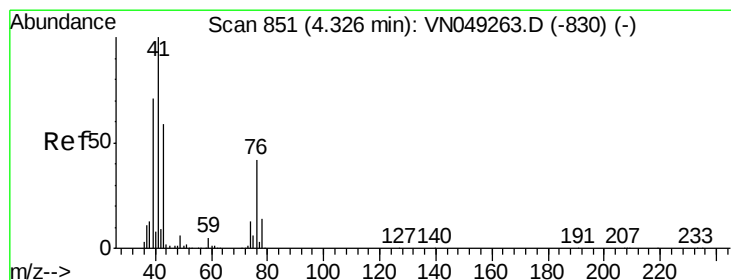
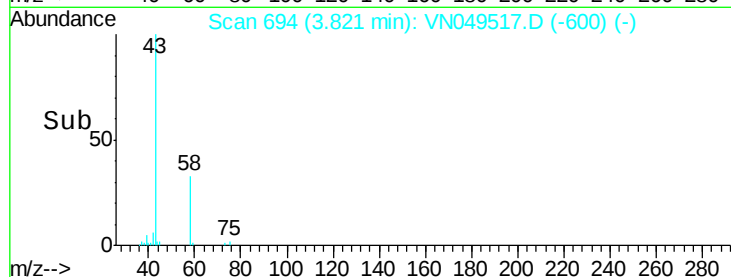
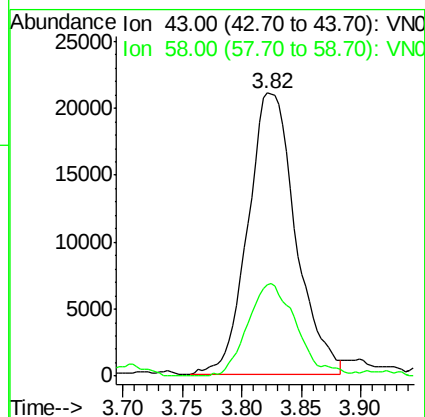
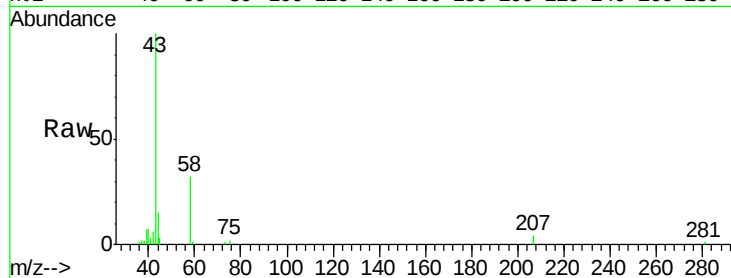
PB110537ZHE#02

Tot Ion: 43 Resp: 58281

Ion Ratio Lower Upper

43 100

58 32.3 22.4 33.6



#18

Methyl Acetate

Concen: 6.20 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049517.D

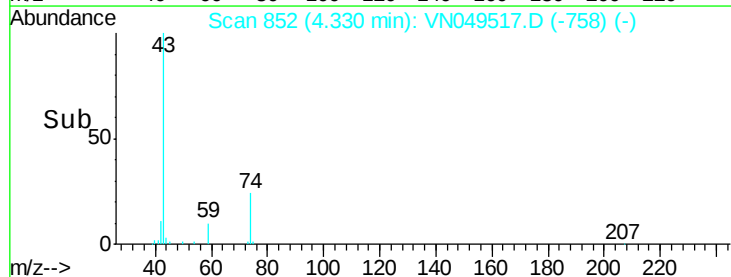
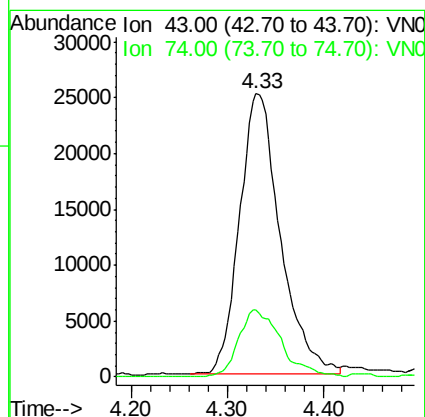
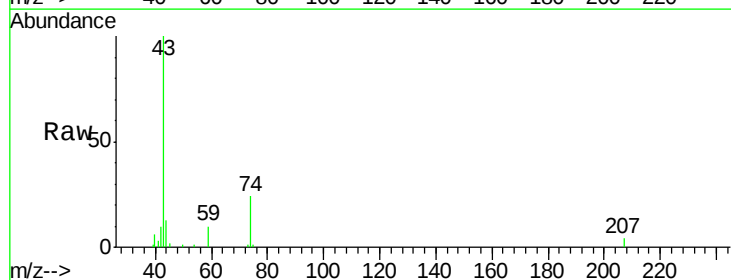
Acq: 25 Jun 2018 18:04

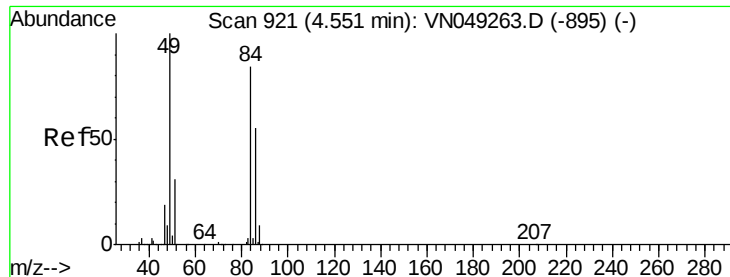
Tgt Ion: 43 Resp: 73985

Ion Ratio Lower Upper

43 100

74 24.9 17.4 26.0

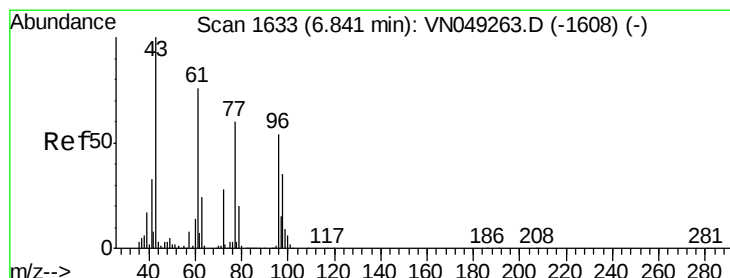
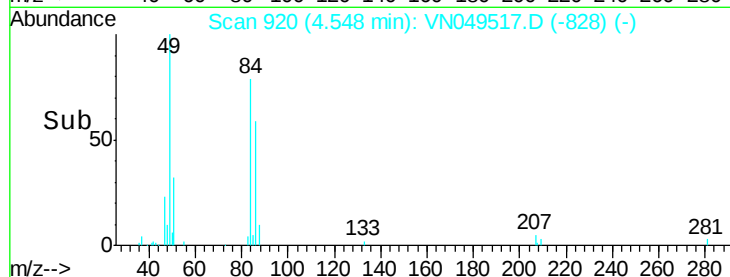
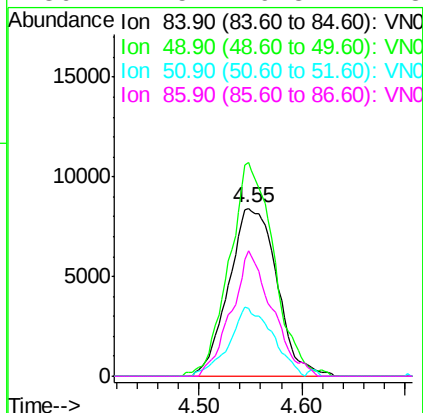
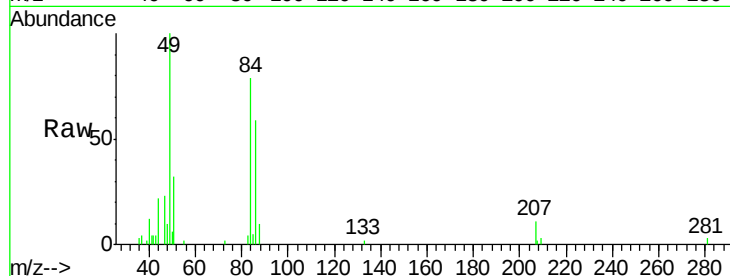




#20
Methvlene Chloride
Concen: 1.68 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

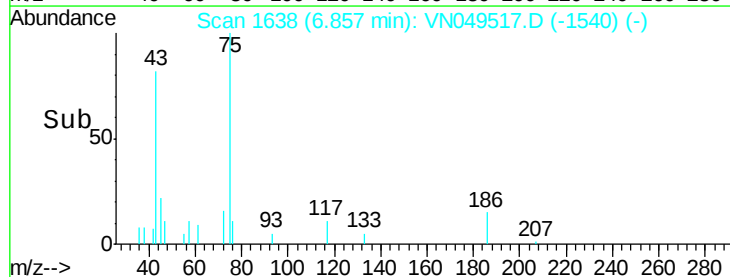
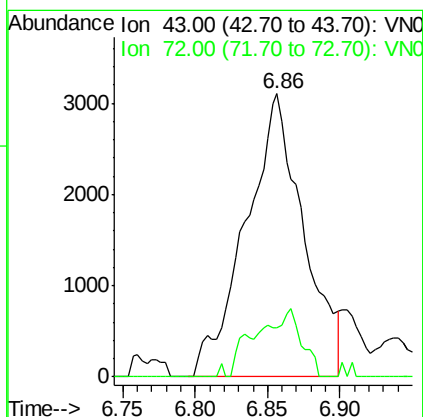
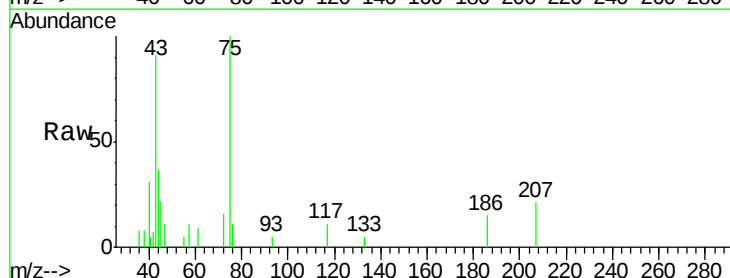
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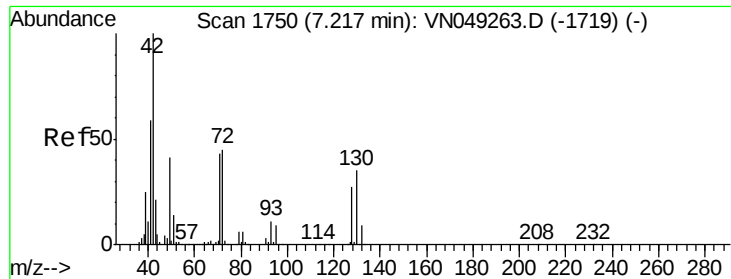
Tot Ion: 84 Resp: 27428
Ion Ratio Lower Upper
84 100
49 127.1 106.9 160.3
51 40.2 32.7 49.1
86 74.5 49.8 74.8



#25
2-Butanone
Concen: 1.64 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
72 17.2 20.2 30.2#

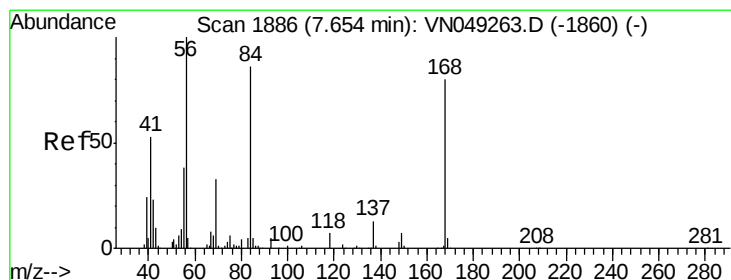
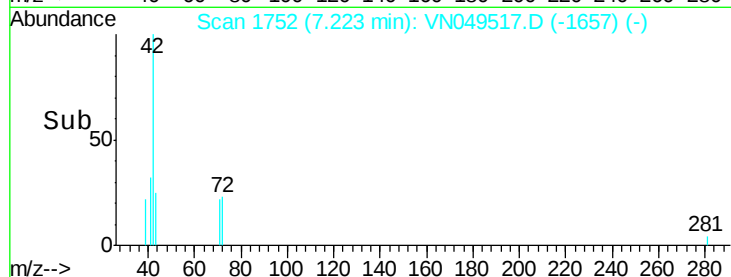
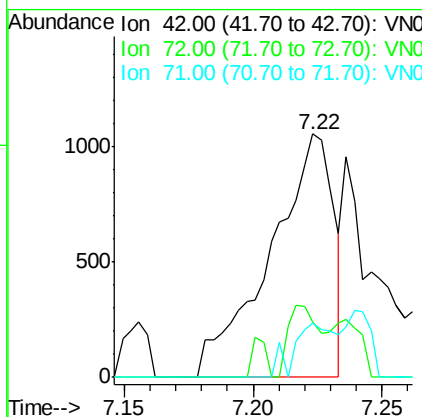
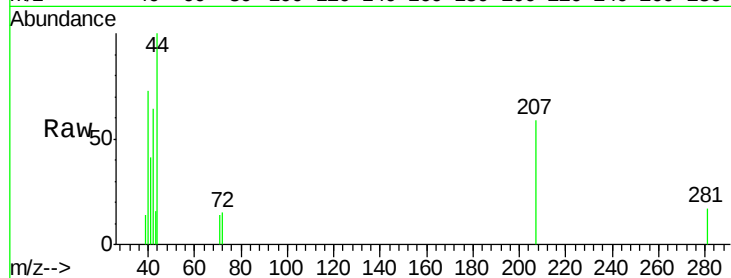




#29
Tetrahydrofuran
Concen: 0.53 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

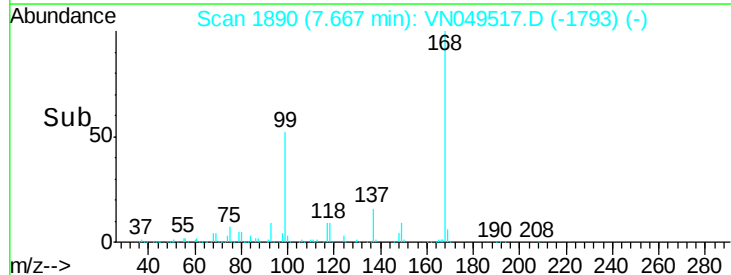
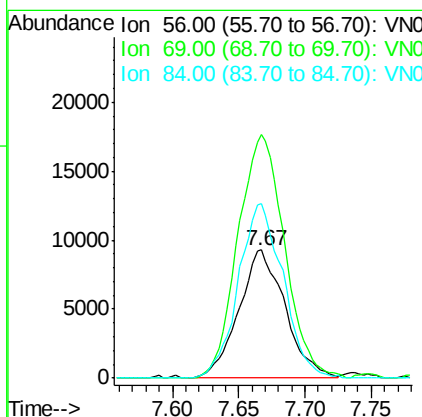
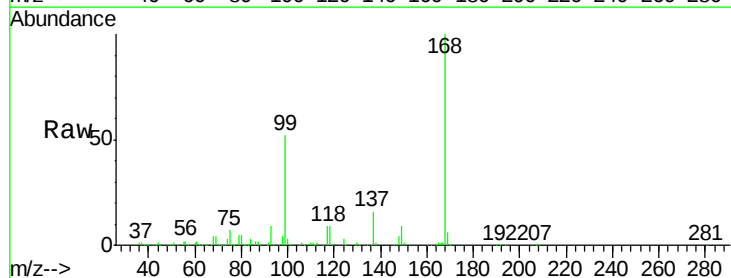
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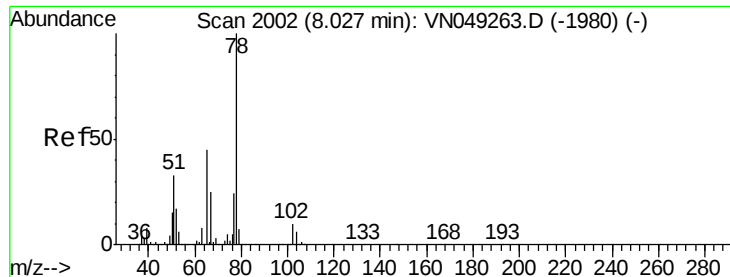
Tot Ion: 42 Resp: 1797
Ion Ratio Lower Upper
42 100
72 13.7 32.2 48.4#
71 14.4 30.5 45.7#



#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

Tgt Ion: 56 Resp: 22575
Ion Ratio Lower Upper
56 100
69 190.4 25.0 37.4#
84 136.0 64.6 96.8#

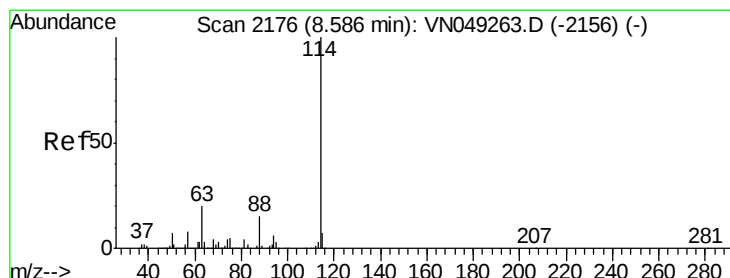
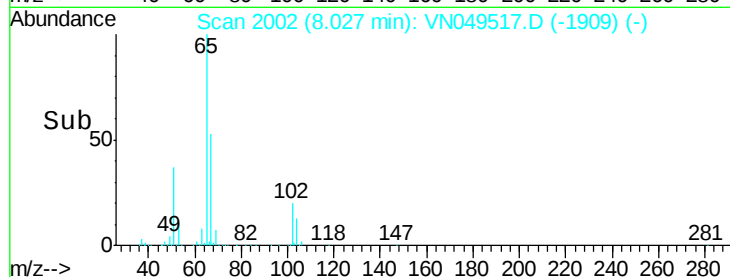
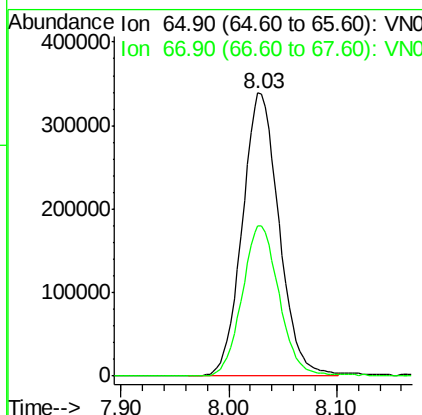
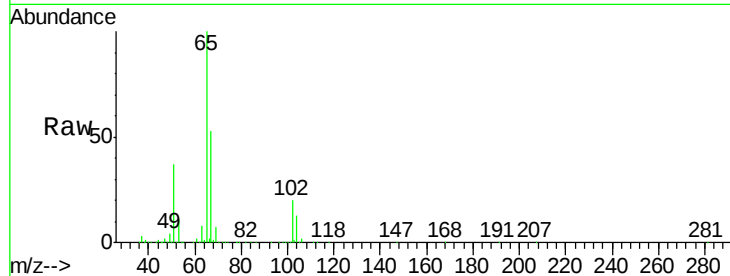




#33
 1,2-Dichloroethane-d4
 Concen: 49.91 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

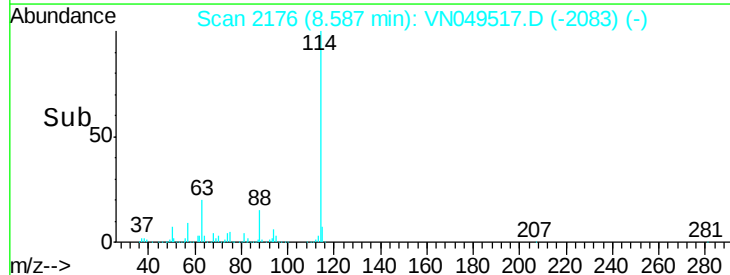
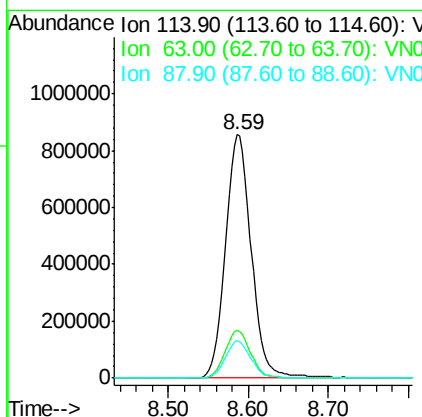
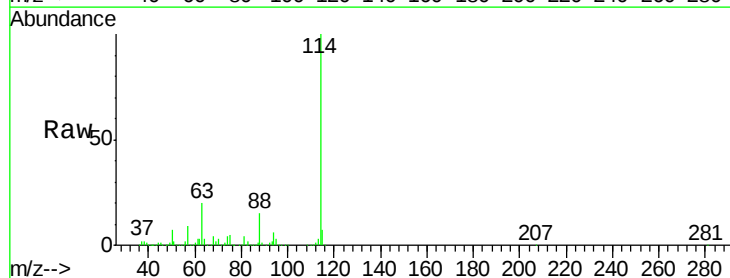
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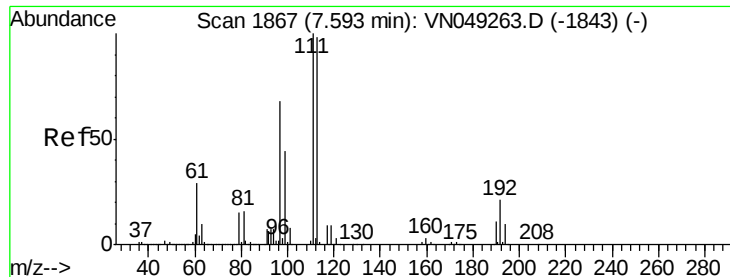
Tot Ion: 65 Resp: 804104
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

Tgt Ion: 114 Resp: 1886533
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.4 0.0 31.4

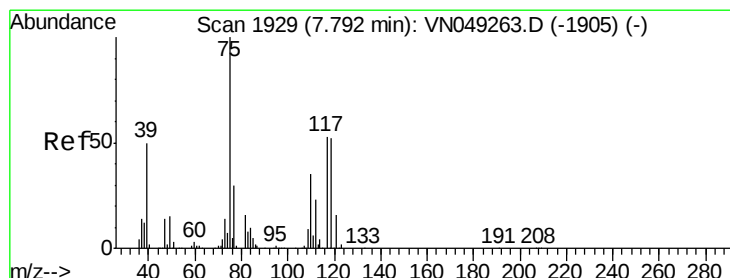
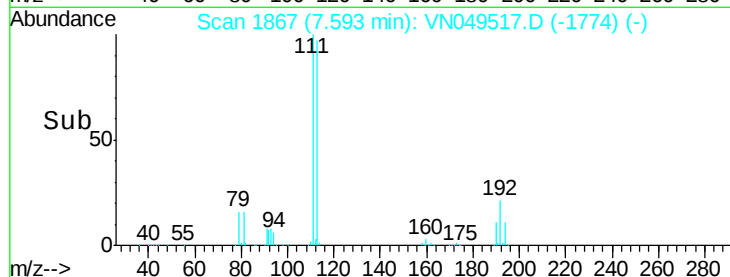
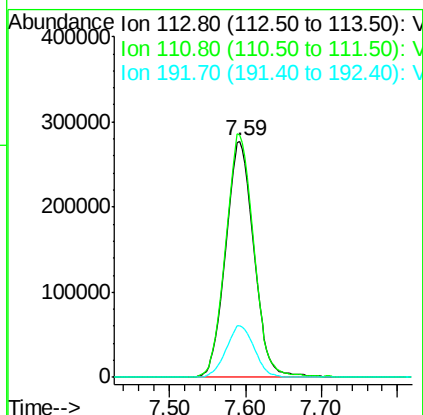
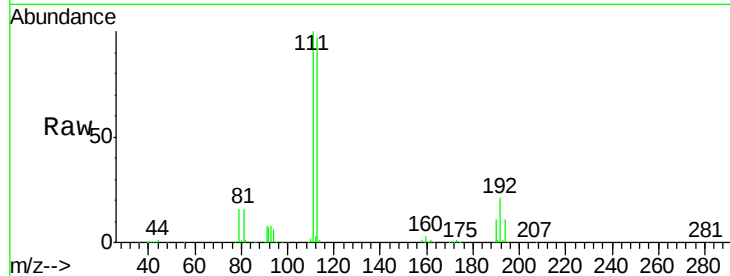




#35
 Dibromofluoromethane
 Concen: 46.95 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

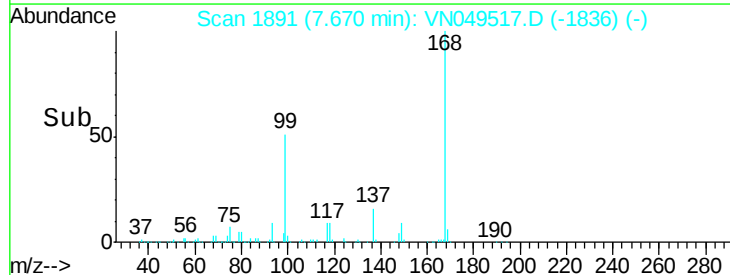
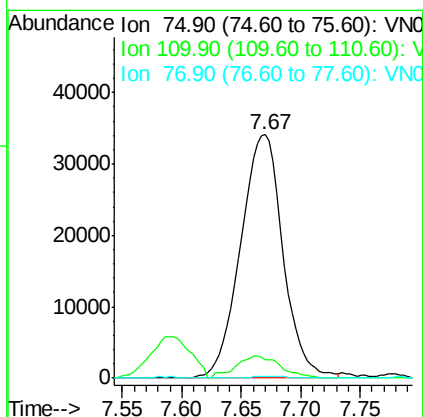
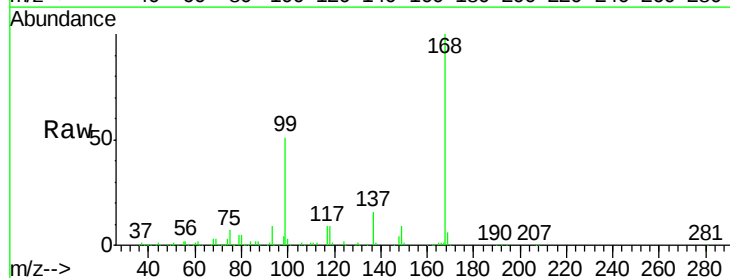
Instrument :
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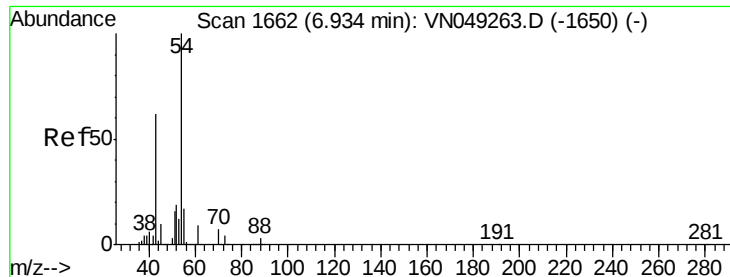
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	21.8	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.4	24.4	36.6#

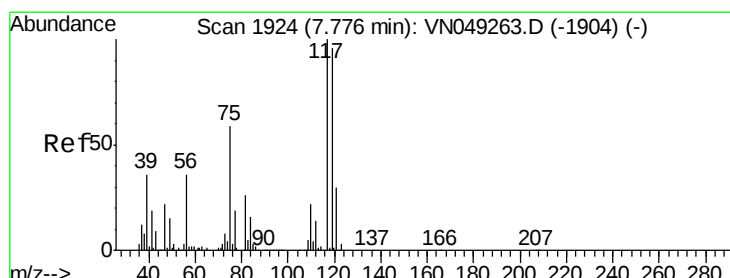
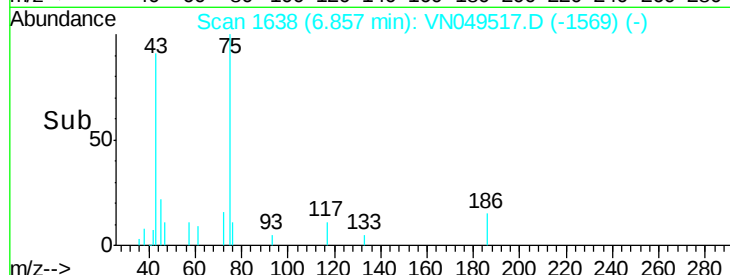
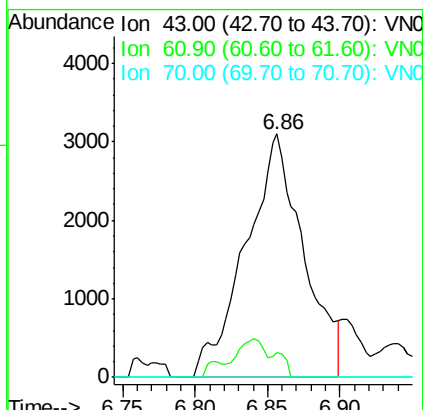
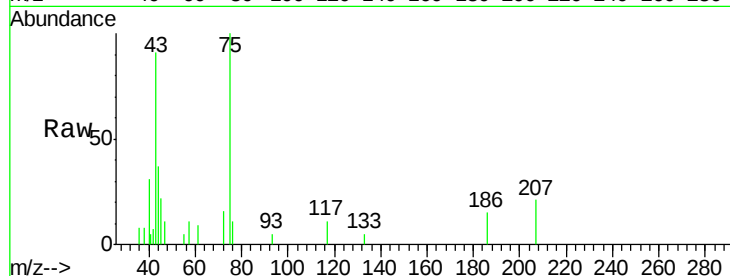




#37
Ethyl Acetate
Concen: 0.73 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. -0.08 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

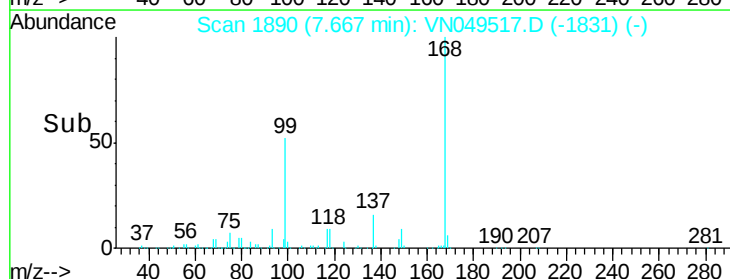
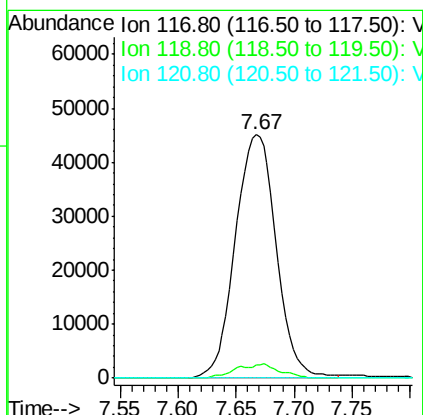
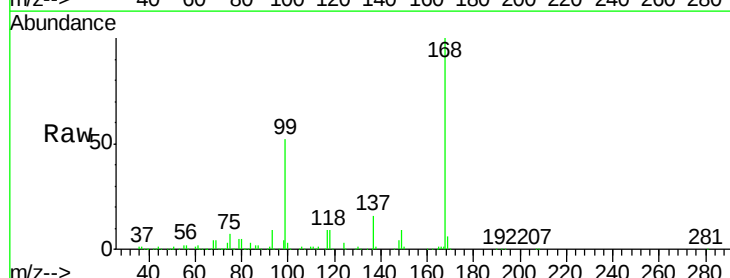
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#02

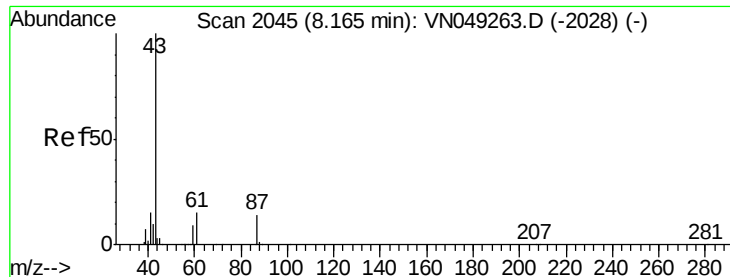
Tot Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
61 5.0 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

Tgt Ion: 117 Resp: 110586
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 4.18 ug/l

RT: 8.27 min Scan# 2077

Delta R.T. 0.10 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

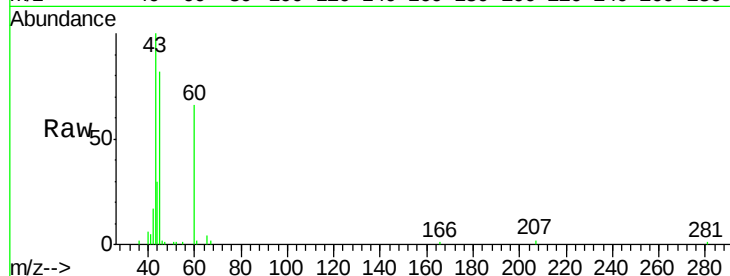
Tot Ion: 43 Resp: 93914

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

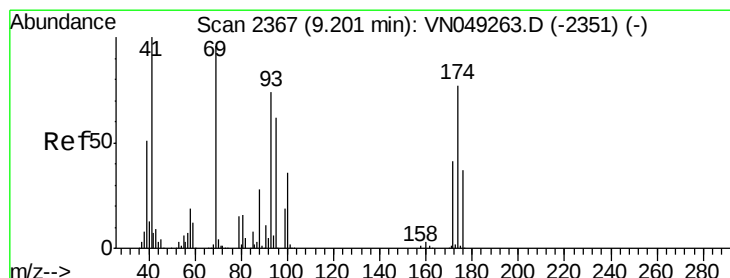
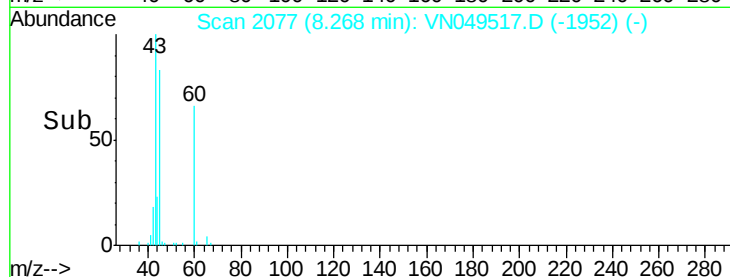
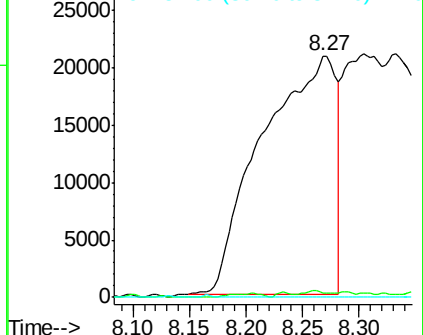
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#49

1,4-Dioxane

Concen: 3.32 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

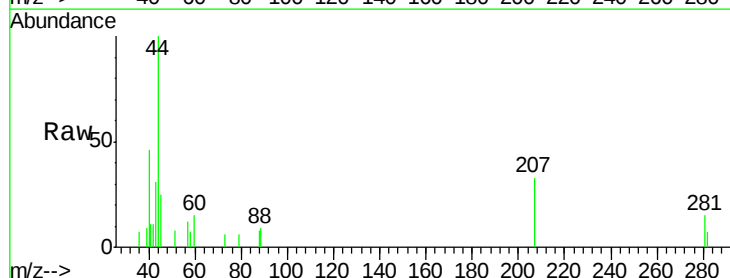
Tgt Ion: 88 Resp: 485

Ion Ratio Lower Upper

88 100

43 89.5 30.9 46.3#

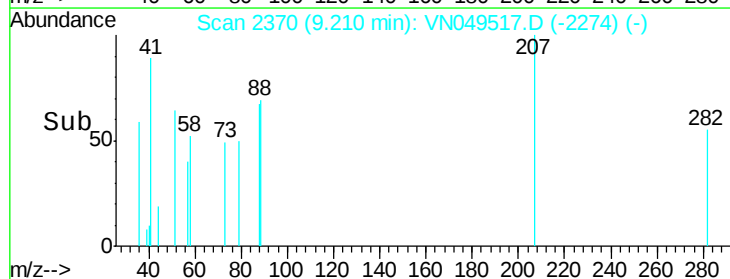
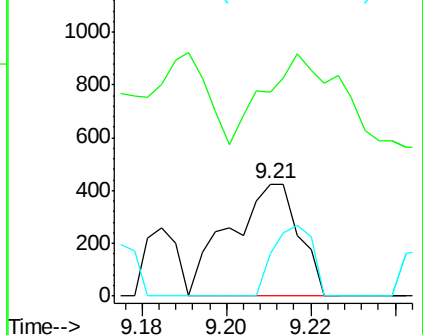
58 35.5 58.9 88.3#

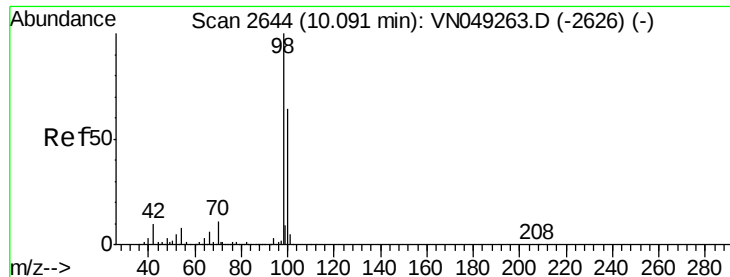


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 45.16 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

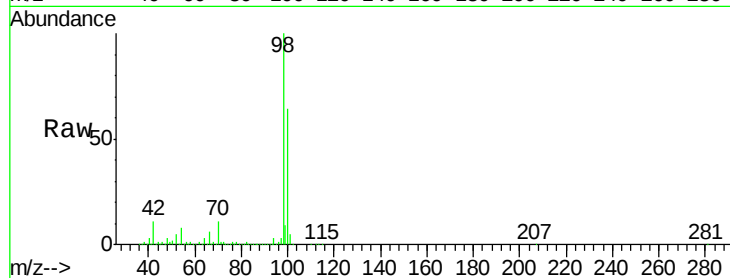
PB110537ZHE#02

Tot Ion: 98 Resp: 2624632

Ion Ratio Lower Upper

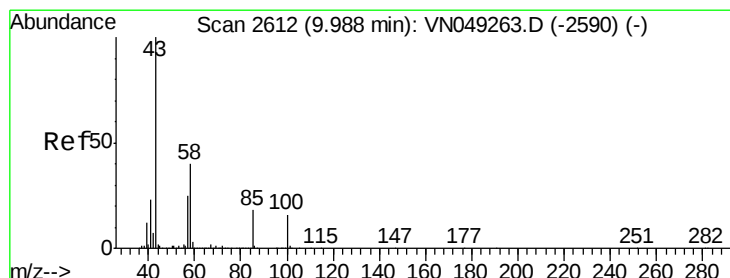
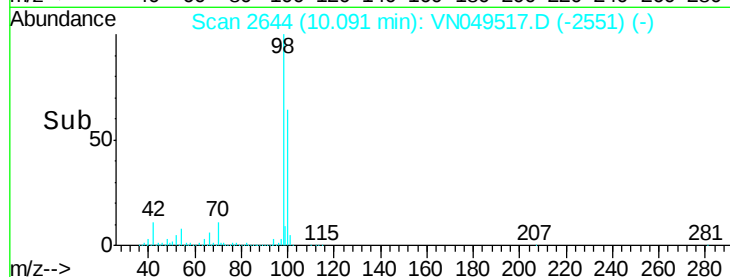
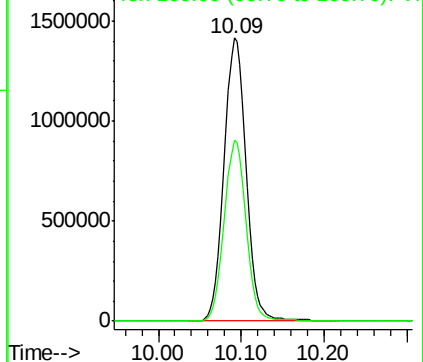
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.45 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049517.D

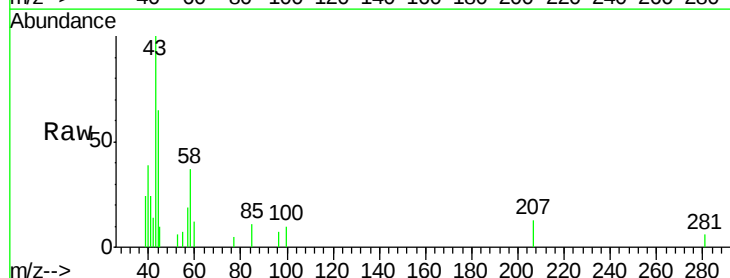
Acq: 25 Jun 2018 18:04

Tgt Ion: 43 Resp: 5281

Ion Ratio Lower Upper

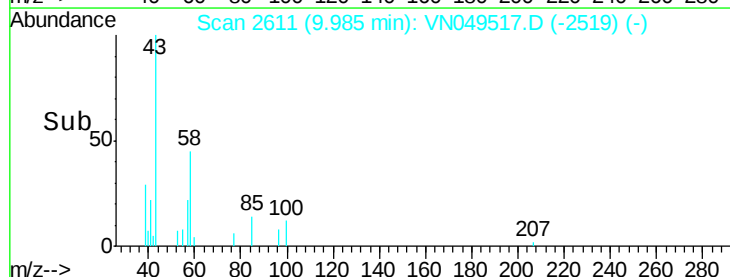
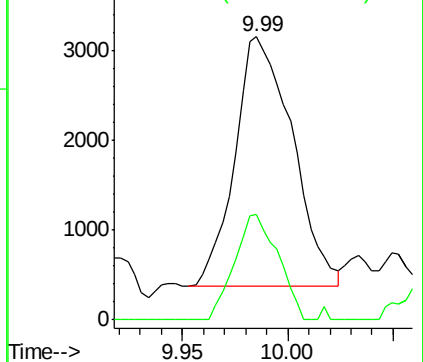
43 100

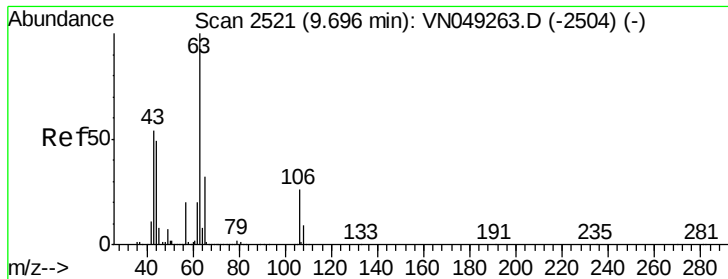
58 31.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.72 min Scan# 2527

Delta R.T. 0.02 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

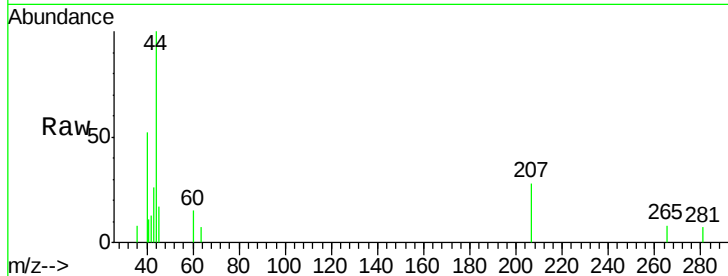
PB110537ZHE#02

Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

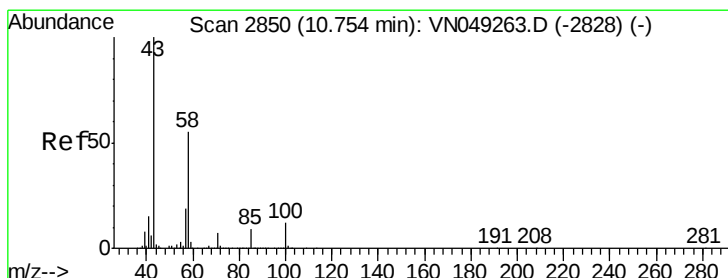
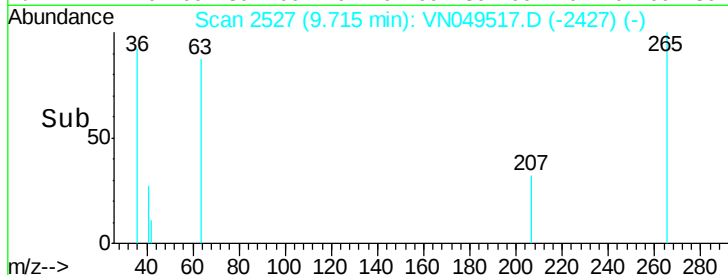
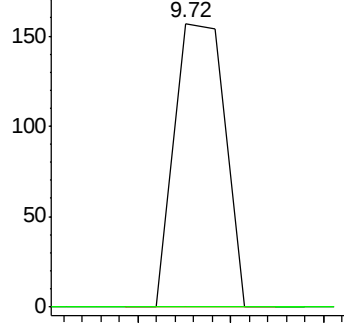
63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.31 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049517.D

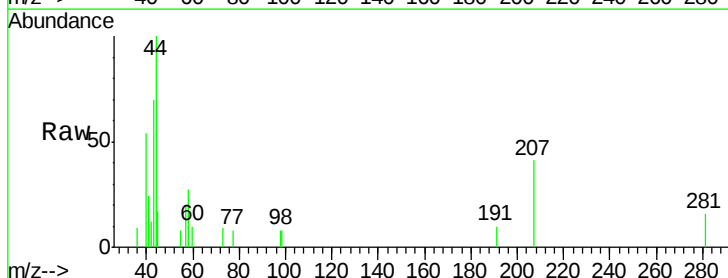
Acq: 25 Jun 2018 18:04

Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

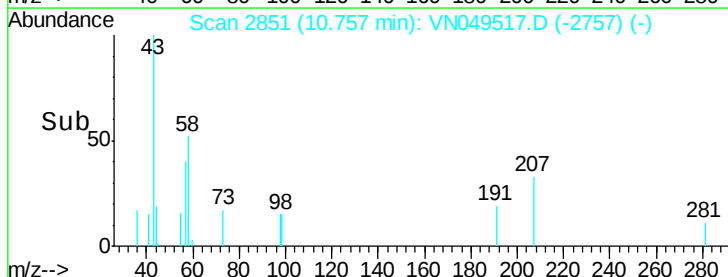
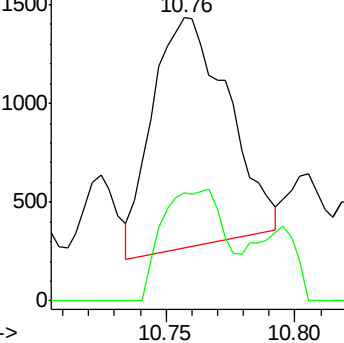
43 100

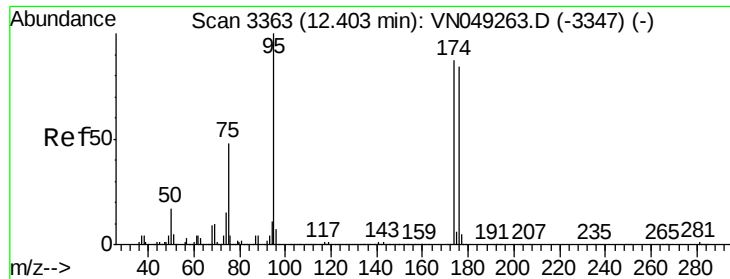
58 40.9 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

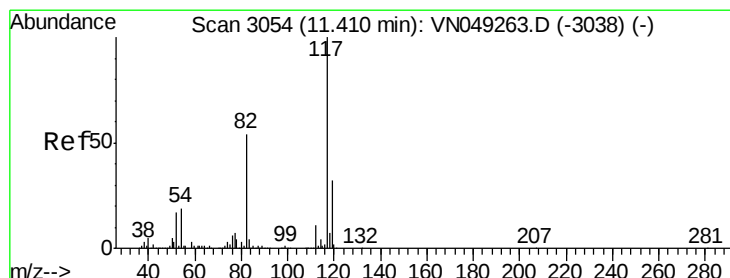
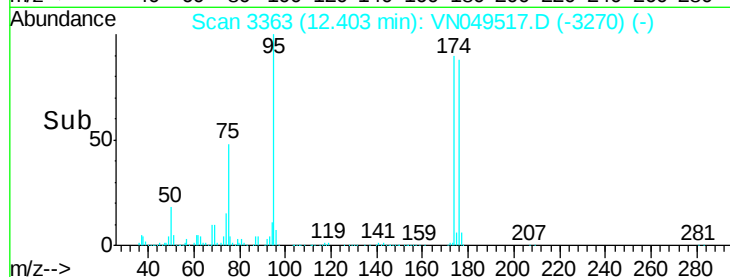
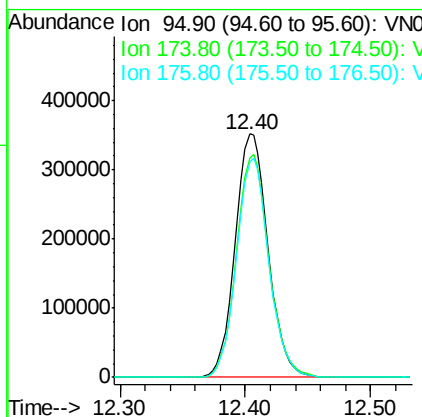
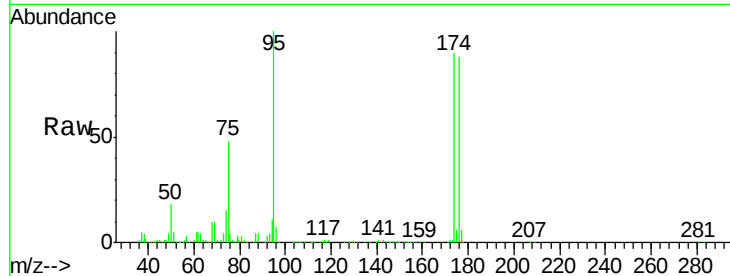




#62
4-Bromofluorobenzene
Concen: 33.32 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

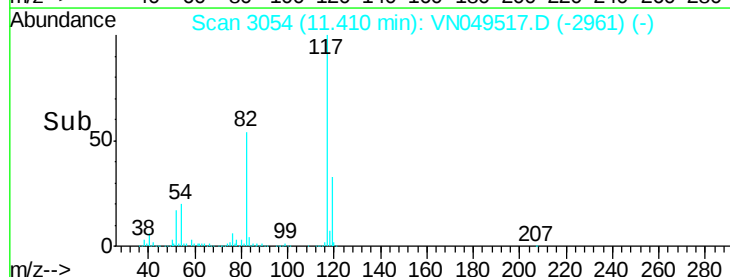
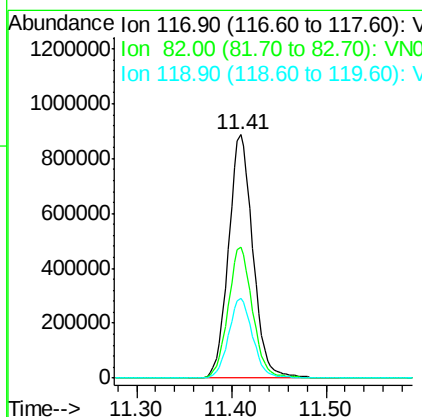
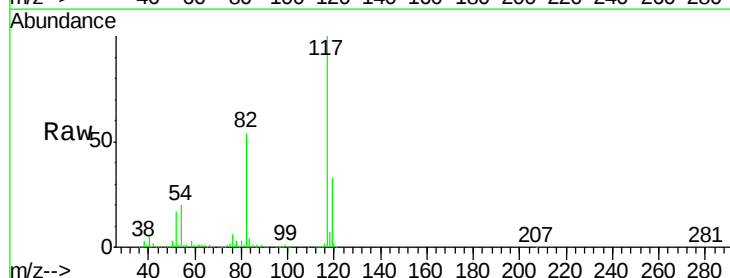
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#02

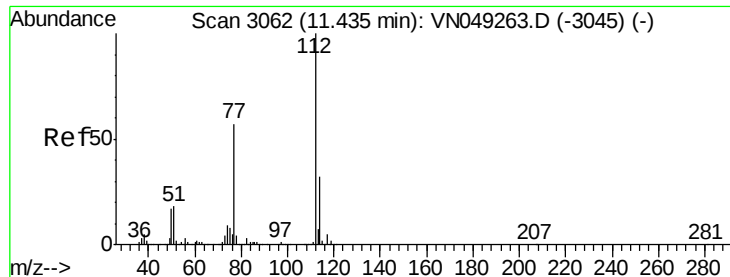
Tot Ion: 95 Resp: 640212
Ion Ratio Lower Upper
95 100
174 91.0 0.0 165.6
176 88.8 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049517.D
Acq: 25 Jun 2018 18:04

Tgt Ion: 117 Resp: 1586124
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.6 25.5 38.3





#65

Chlorobenzene

Concen: 0.33 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

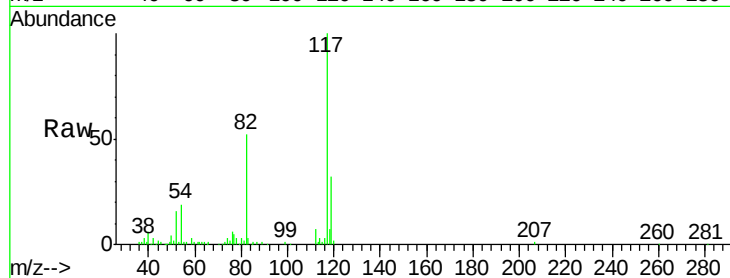
PB110537ZHE#02

Tot Ion:112 Resp: 13651

Ion Ratio Lower Upper

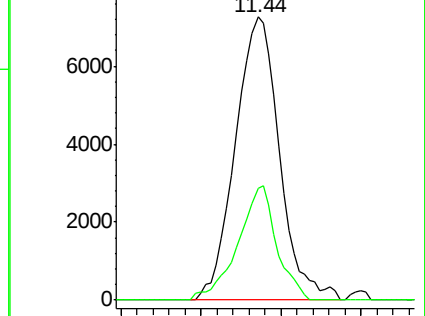
112 100

114 39.4 26.2 39.4#

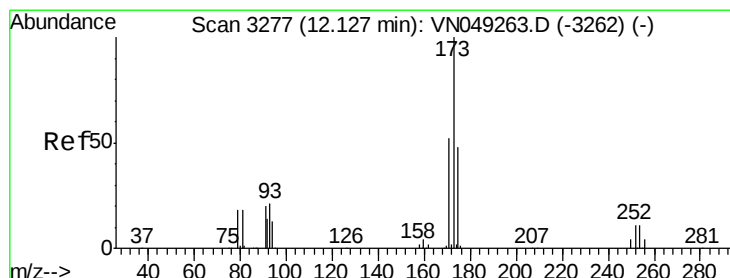
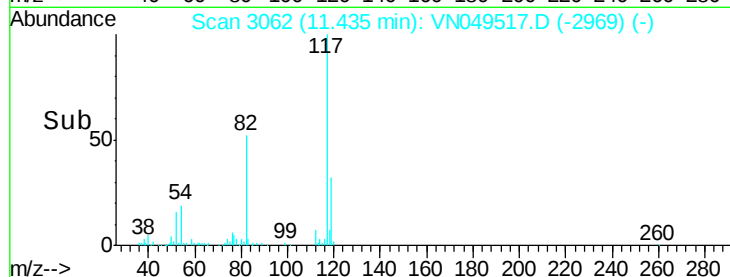


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time--> 11.35 11.40 11.45 11.50



#71

Bromoform

Concen: 0.28 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

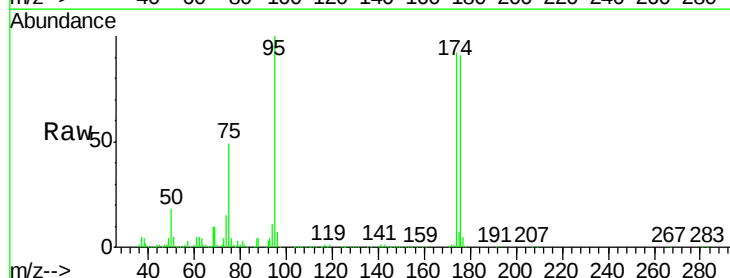
Tgt Ion:173 Resp: 2775

Ion Ratio Lower Upper

173 100

175 1142.3 24.5 73.5#

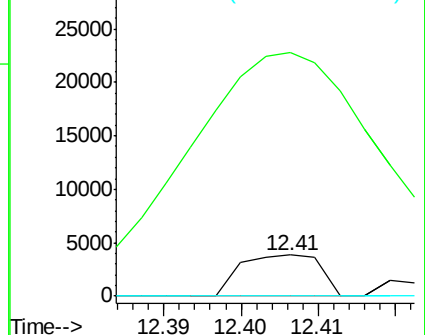
254 0.0 0.1 0.1#



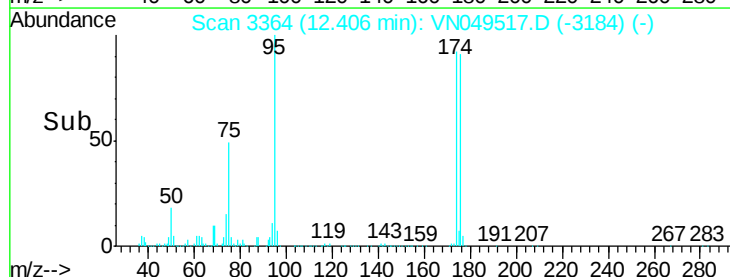
Abundance Ion 172.70 (172.40 to 173.40): V

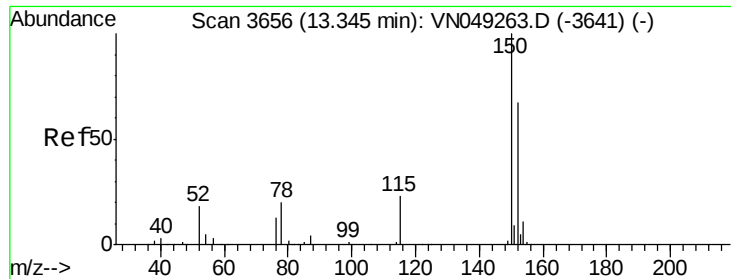
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time--> 12.39 12.40 12.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

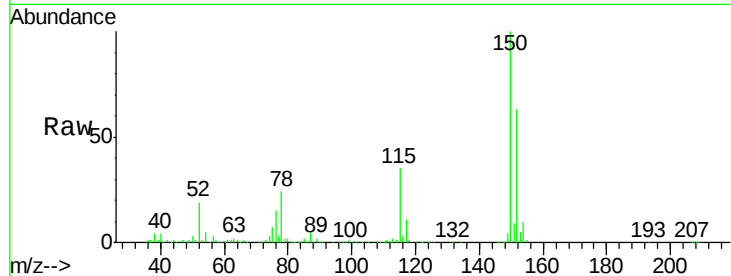
Tot Ion:152 Resp: 417139

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

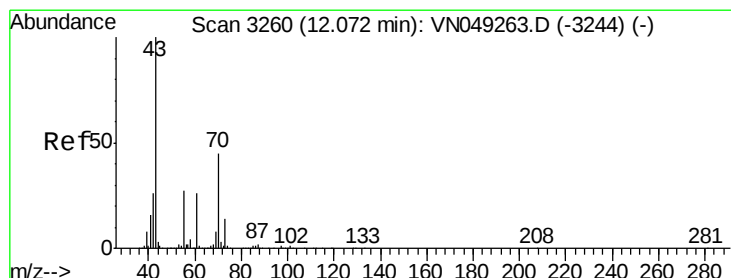
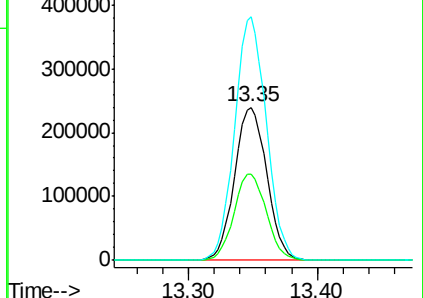
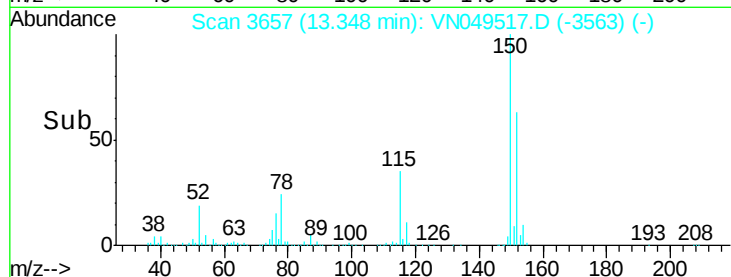
150 156.2 0.0 351.0



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-ethyl acetate

Concen: 0.31 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Tgt Ion: 43 Resp: 2771

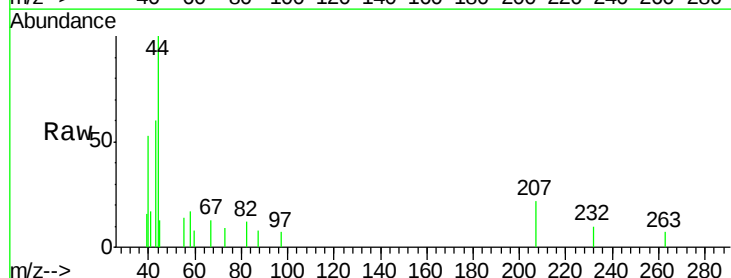
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 11.0 19.4 29.2#

61 0.0 17.8 26.6#

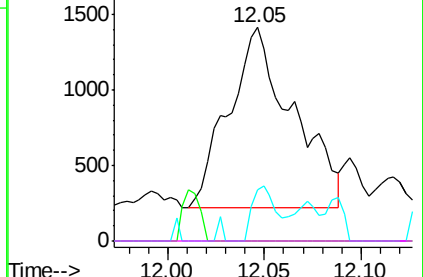
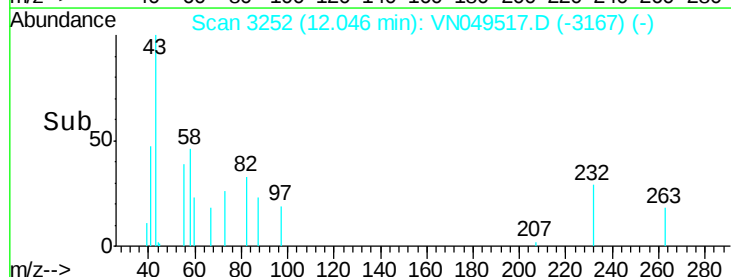


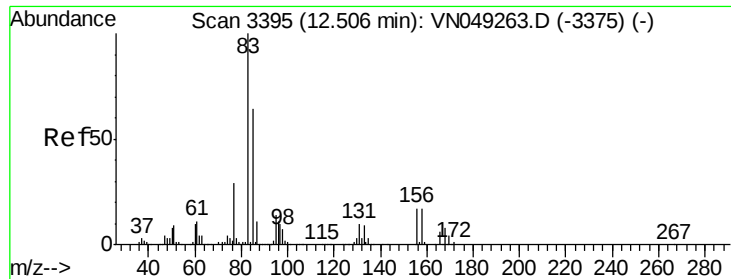
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

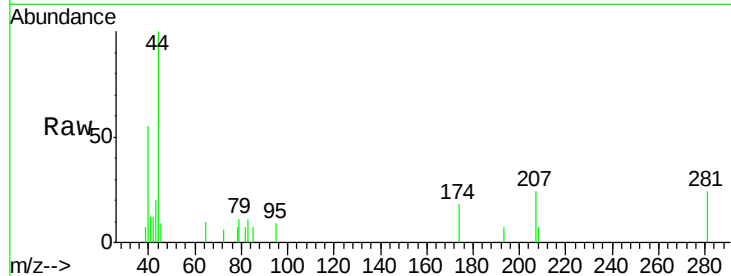
Tot Ion: 83 Resp: 229

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

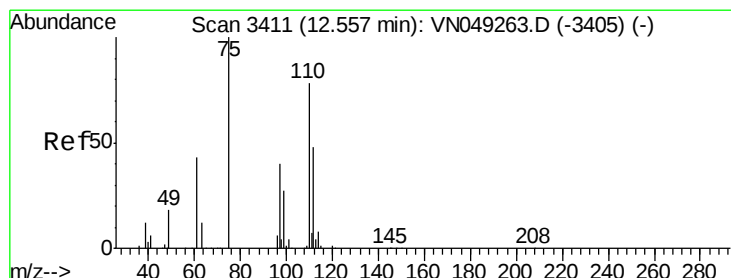
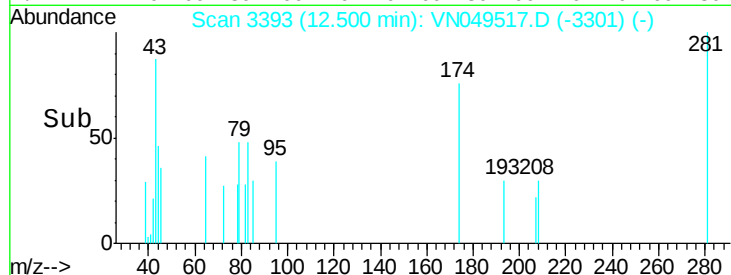
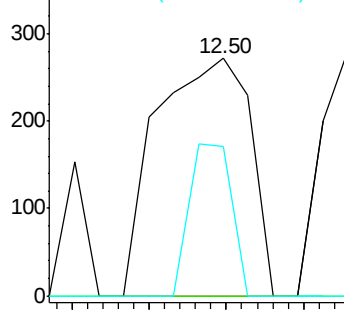
85 29.3 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 44.15 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049517.D

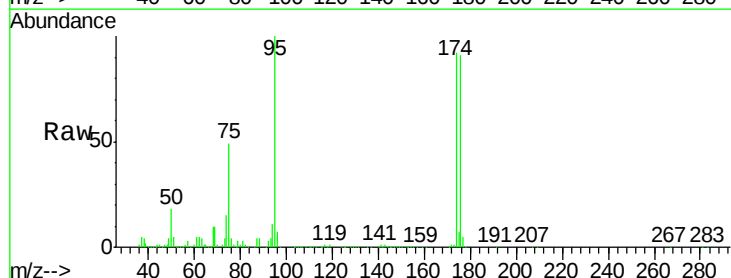
Acq: 25 Jun 2018 18:04

Tgt Ion: 75 Resp: 314259

Ion Ratio Lower Upper

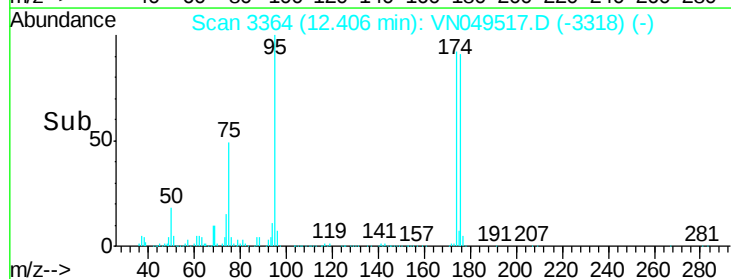
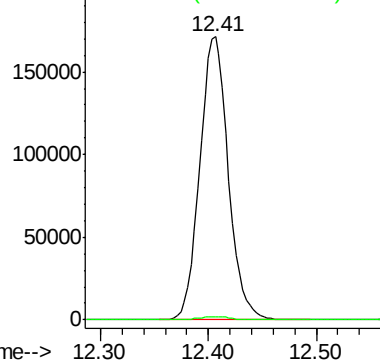
75 100

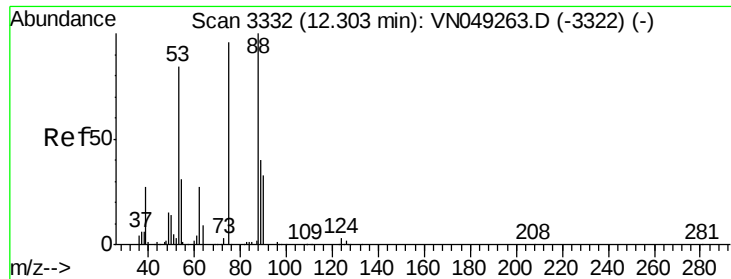
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 139.55 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

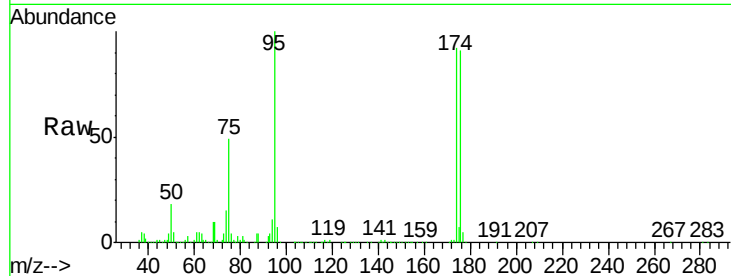
Tot Ion: 75 Resp: 314259

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

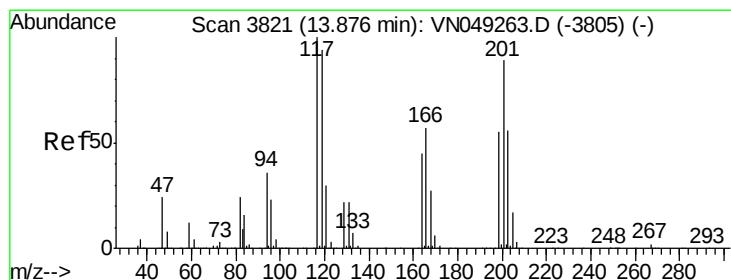
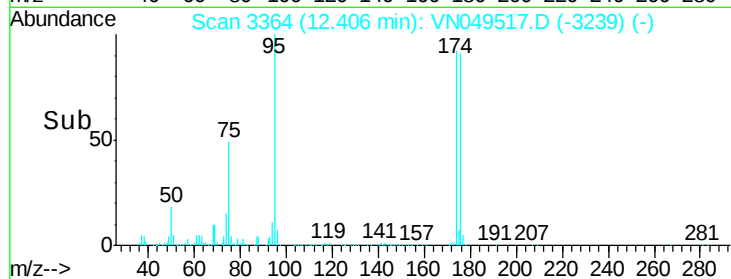
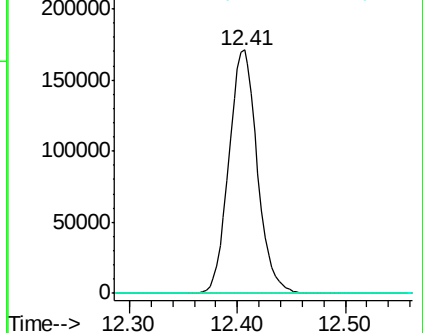
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#90

Hexachloroethane

Concen: Below Cal

RT: 13.62 min Scan# 3743

Delta R.T. -0.25 min

Lab File: VN049517.D

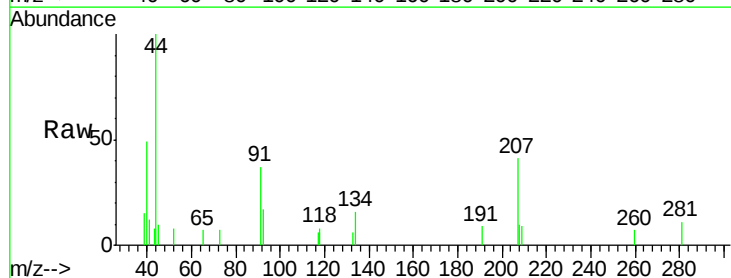
Acq: 25 Jun 2018 18:04

Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

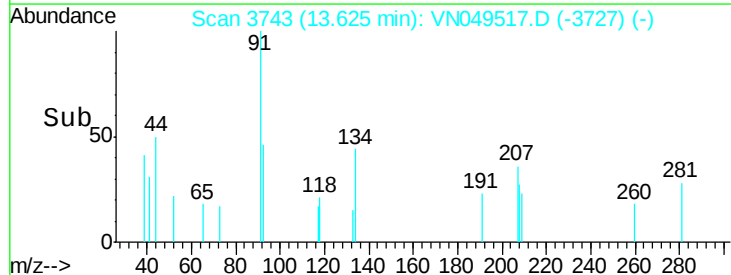
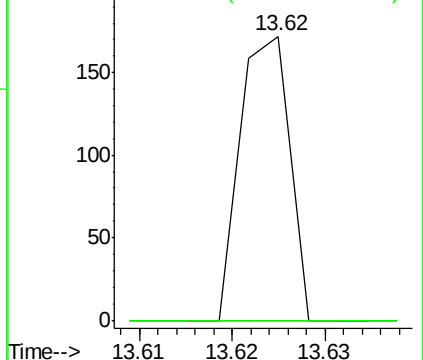
117 100

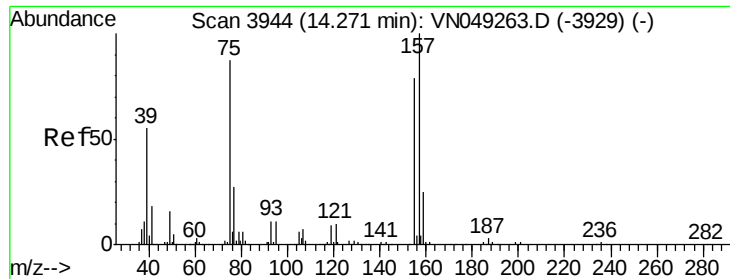
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.28 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

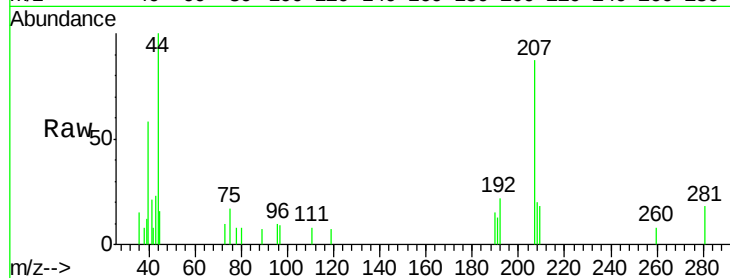
Tot Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#

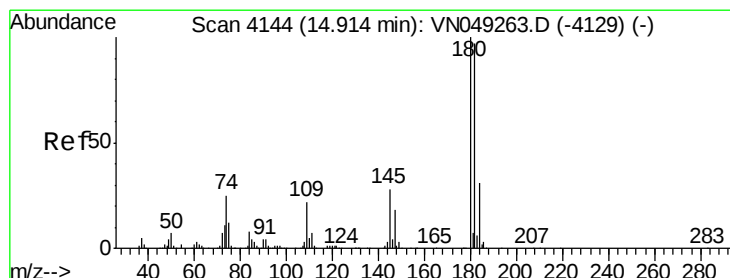
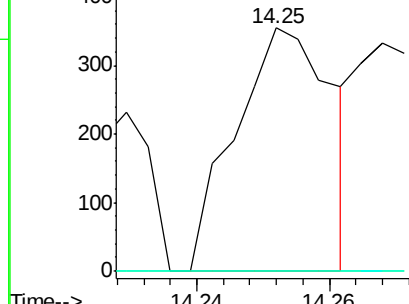
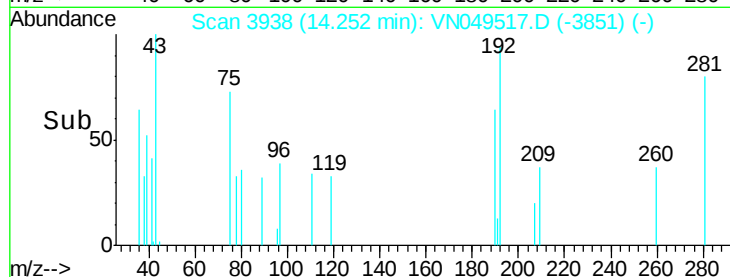


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.93 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

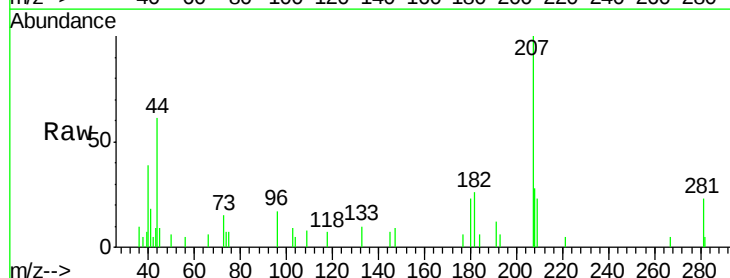
Tgt Ion: 180 Resp: 1443

Ion Ratio Lower Upper

180 100

182 103.1 46.9 140.8

145 22.6 14.7 44.1

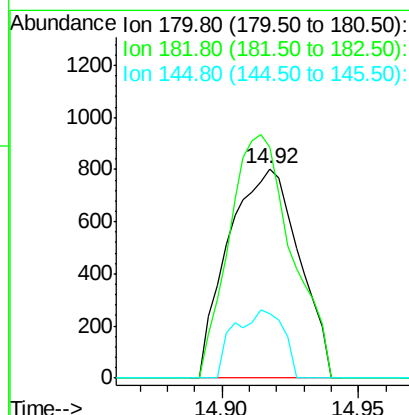
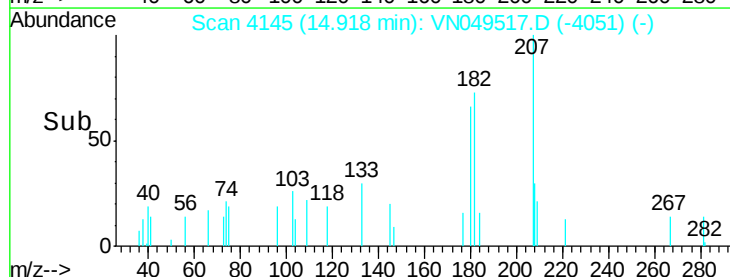


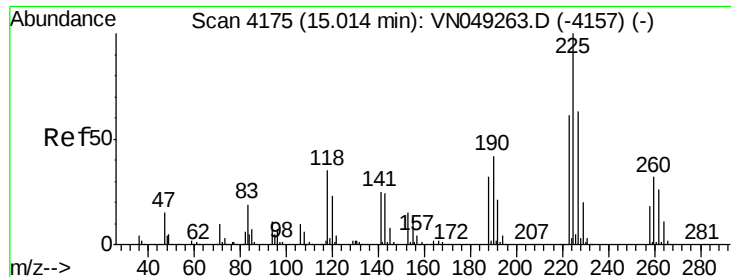
Abundance Ion 179.80 (179.50 to 180.50): VN049263.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049263.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049263.D (-4129) (-)

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#02

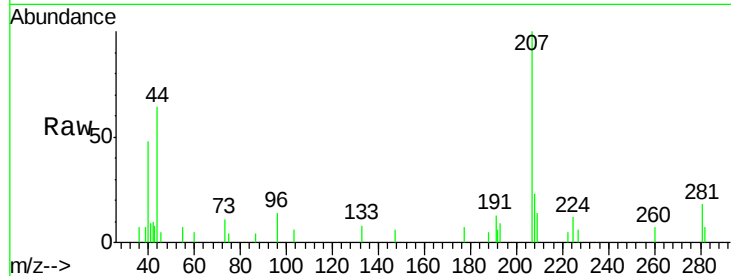
Tot Ion:225 Resp: 319

Ion Ratio Lower Upper

225 100

223 54.5 32.1 96.3

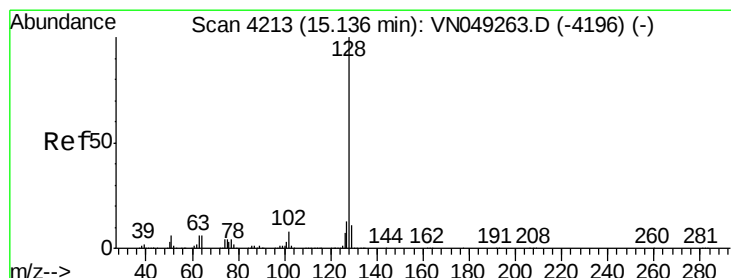
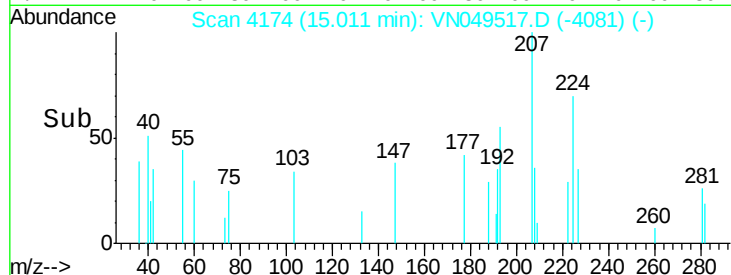
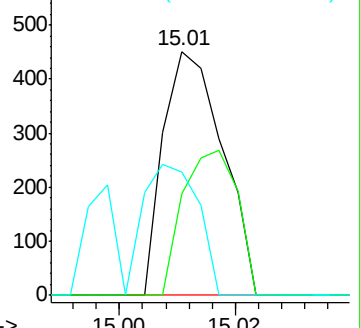
227 49.8 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.35 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049517.D

Acq: 25 Jun 2018 18:04

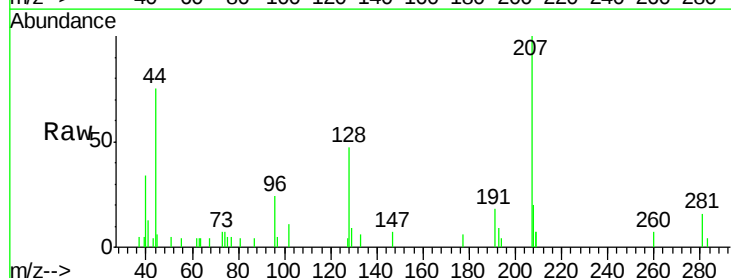
Tgt Ion:128 Resp: 3140

Ion Ratio Lower Upper

128 100

127 9.6 10.6 16.0#

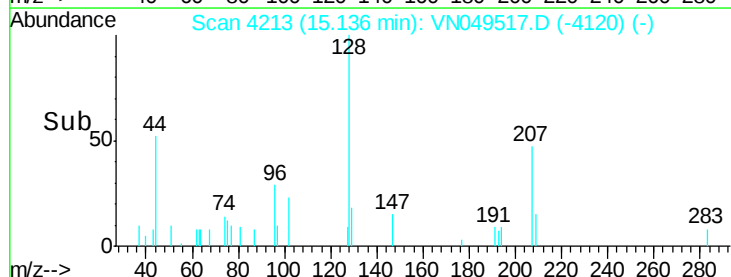
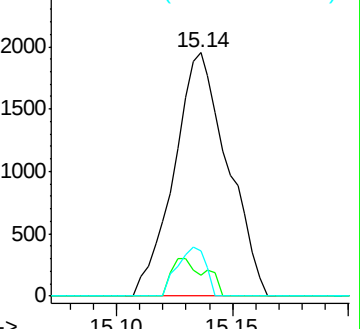
129 10.6 8.5 12.7

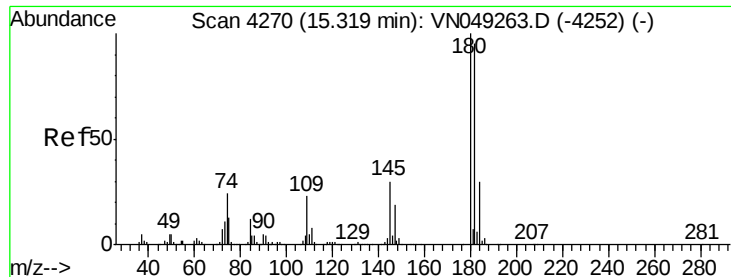


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

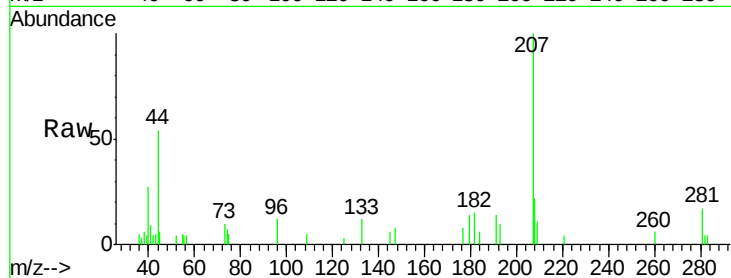




#96
 1,2,3-Trichlorobenzene
 Concen: 3.61 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049517.D
 Acq: 25 Jun 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#02

Tot Ion	Ratio	Lower	Upper
180	100		
182	126.3	47.3	141.8
145	29.4	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

