

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049516.D
 Acq On : 25 Jun 2018 17:38
 Operator : MD\SY
 Sample : PB110537TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

Quant Time: Jun 26 01:40:47 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	1281145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1939703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1639422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	432478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	829565	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	740663	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	10.09	98	2709178	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.41	95	669376	33.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.76%	

Target Compounds

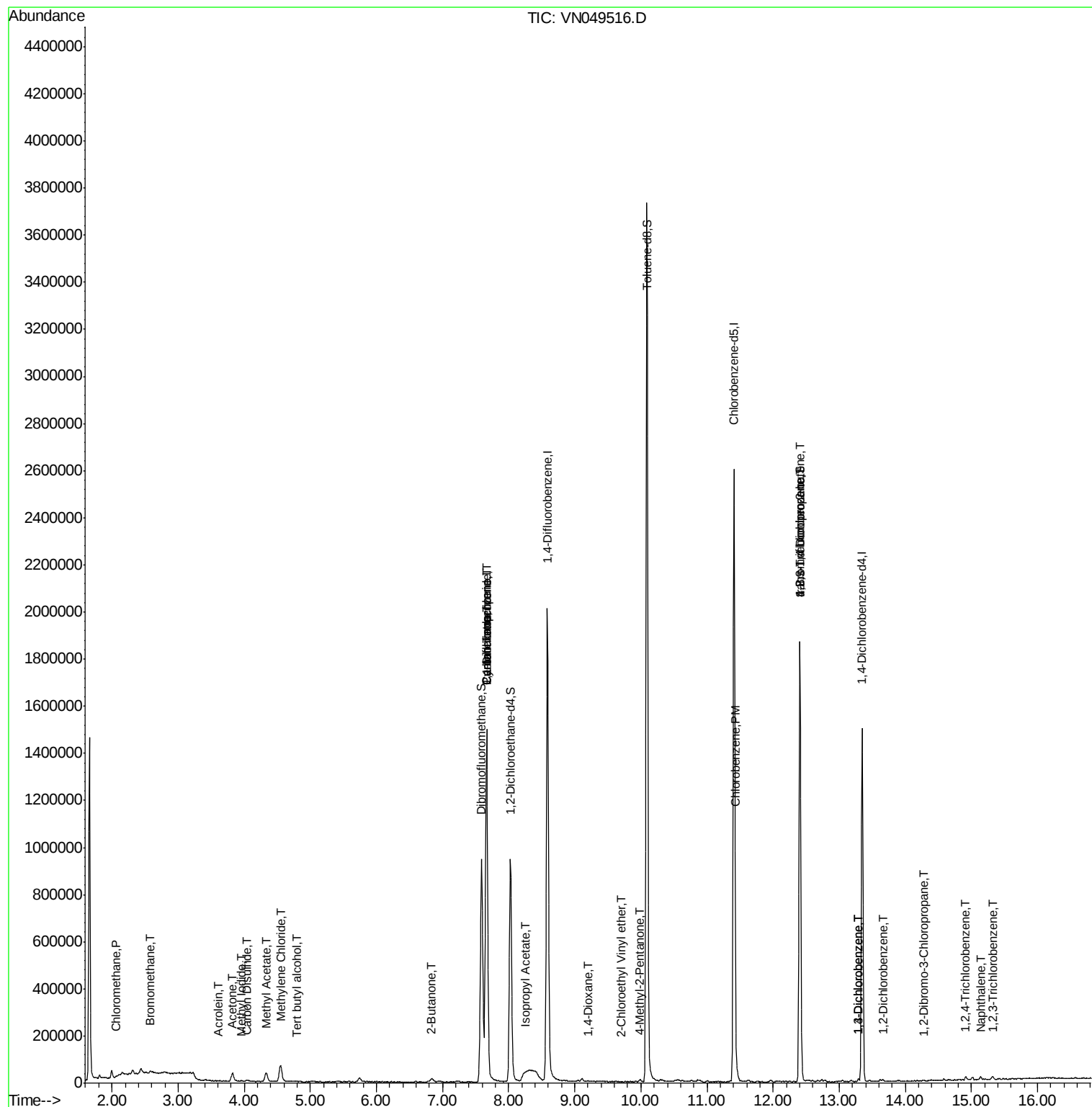
						Qvalue
3) Chloromethane	2.06	50	3985	0.21	ug/l	93
5) Bromomethane	2.57	94	6301	0.59	ug/l #	65
10) Methyl Iodide	3.95	142	3807	0.23	ug/l #	84
11) Tert butyl alcohol	4.80	59	315	0.32	ug/l #	66
13) Acrolein	3.61	56	396	0.38	ug/l #	1
16) Acetone	3.82	43	57563	13.95	ug/l #	84
17) Carbon Disulfide	4.05	76	10228	0.22	ug/l	98
18) Methyl Acetate	4.33	43	74667	5.94	ug/l #	77
20) Methylene Chloride	4.55	84	52767	3.06	ug/l	88
25) 2-Butanone	6.84	43	7858	1.42	ug/l #	69
31) Cyclohexane	7.66	56	24533	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	86928	3.91	ug/l #	50
38) Carbon Tetrachloride	7.66	117	116062	5.04	ug/l #	18
43) Isopropyl Acetate	8.25	43	44281	1.92	ug/l #	64
49) 1,4-Dioxane	9.21	88	203	1.35	ug/l #	57
51) 4-Methyl-2-Pentanone	9.99	43	7395	0.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	139	14.35	ug/l #	51
65) Chlorobenzene	11.44	112	13726	0.33	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	1024	Below	Cal	77
76) 1,2,3-Trichloropropane	12.41	75	324626	43.99	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	324626	139.04	ug/l #	9
87) 1,3-Dichlorobenzene	13.29	146	3687	0.22	ug/l	95
88) 1,4-Dichlorobenzene	13.29	146	3687	0.23	ug/l	96
90) Hexachloroethane	13.87	117	140	Below	Cal	64
91) 1,2-Dichlorobenzene	13.66	146	3370	0.21	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.27	75	769	0.58	ug/l #	31
93) 1,2,4-Trichlorobenzene	14.91	180	4587	5.30	ug/l	99
94) Hexachlorobutadiene	15.01	225	1964	Below	Cal	85
95) Naphthalene	15.14	128	8744	2.81	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	4246	4.00	ug/l	91

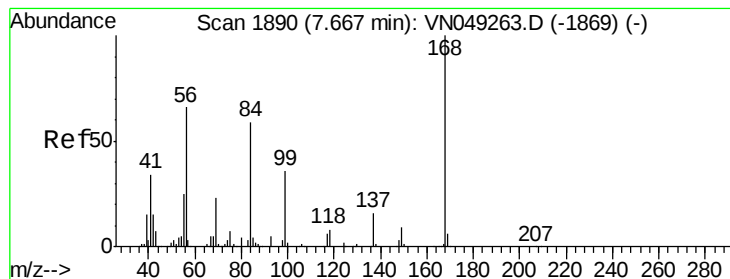
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

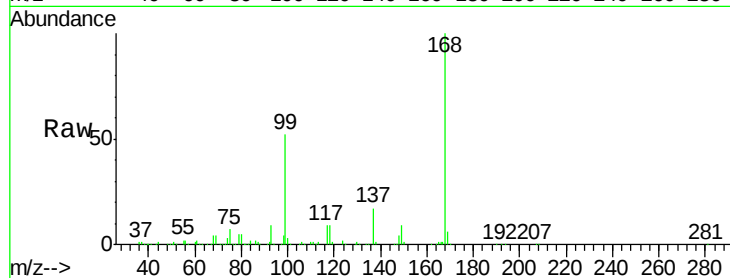
PB110537TB

Tot Ion:168 Resp: 1281145

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

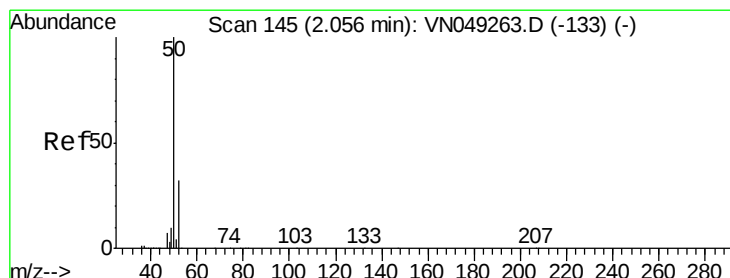
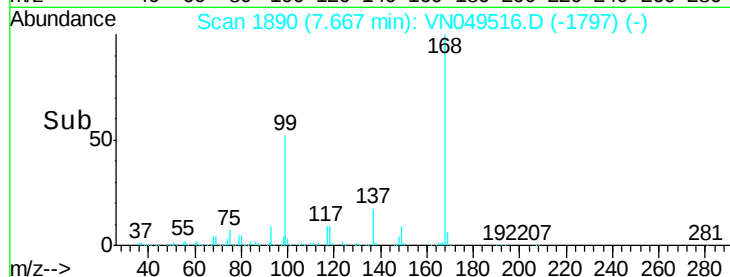
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049516.D

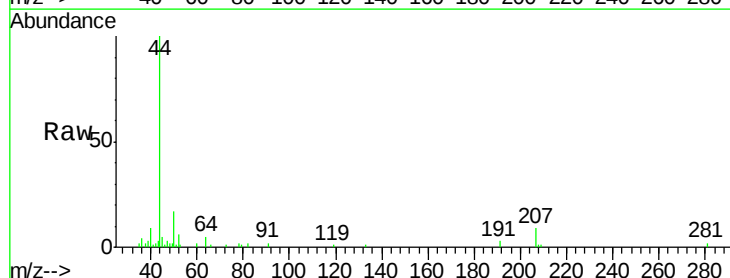
Acq: 25 Jun 2018 17:38

Tgt Ion: 50 Resp: 3985

Ion Ratio Lower Upper

50 100

52 35.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2500

2000

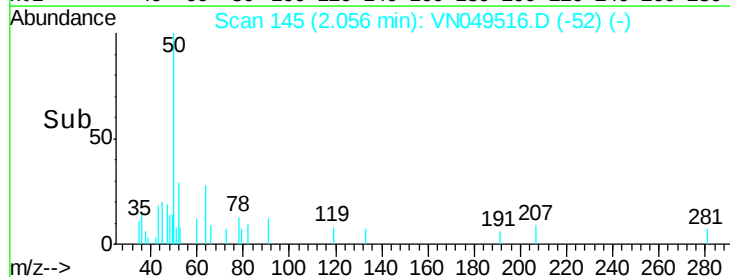
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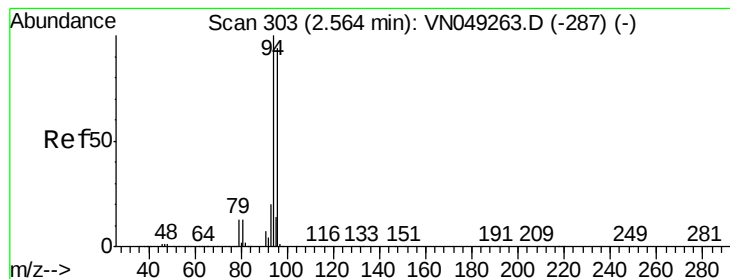
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.59 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

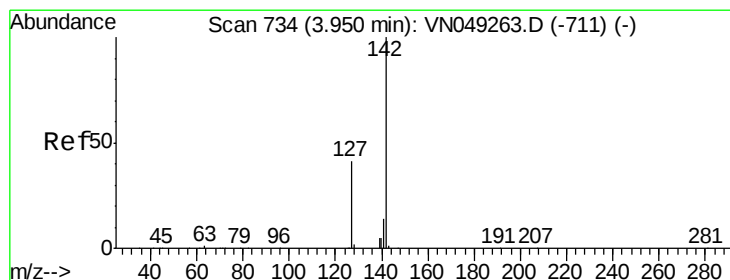
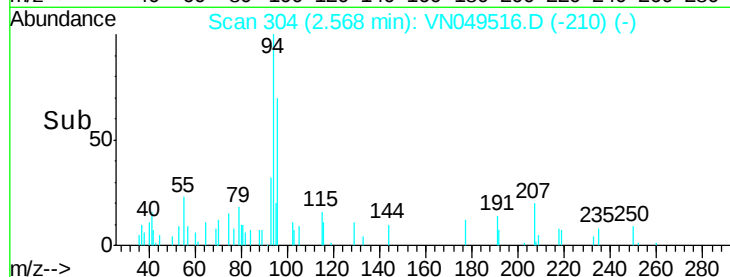
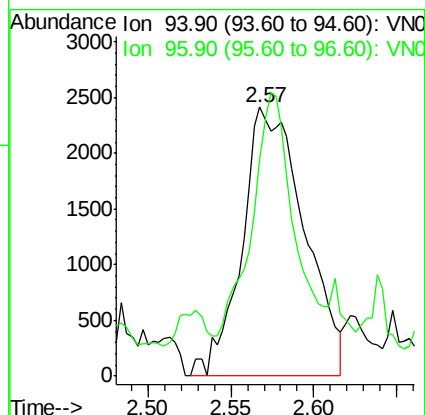
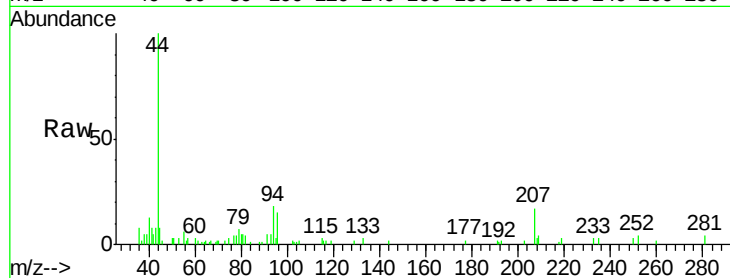
PB110537TB

Tot Ion: 94 Resp: 6301

Ion Ratio Lower Upper

94 100

96 58.2 72.8 109.2#



#10

Methyl Iodide

Concen: 0.23 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

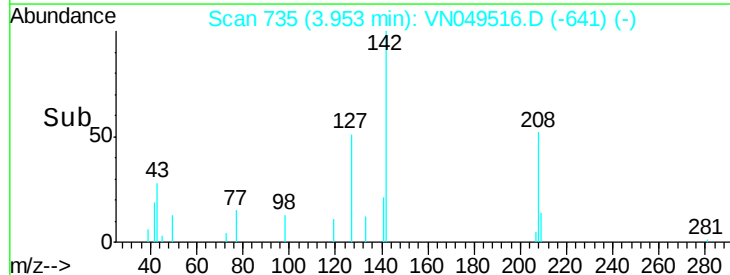
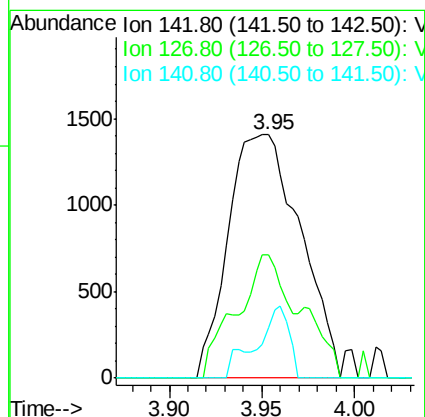
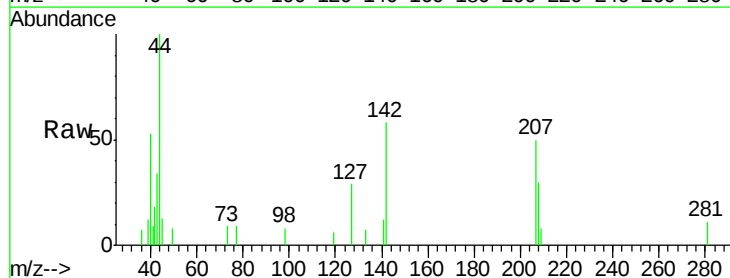
Tgt Ion: 142 Resp: 3807

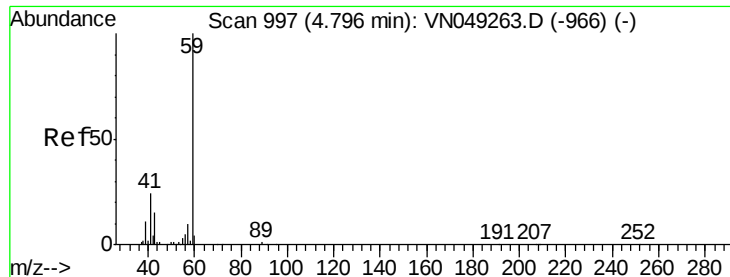
Ion Ratio Lower Upper

142 100

127 36.0 38.2 57.4#

141 10.1 11.9 17.9#

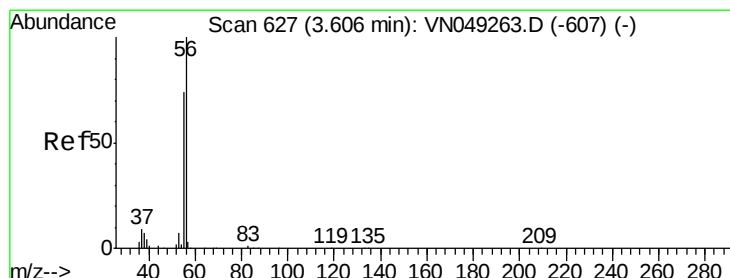
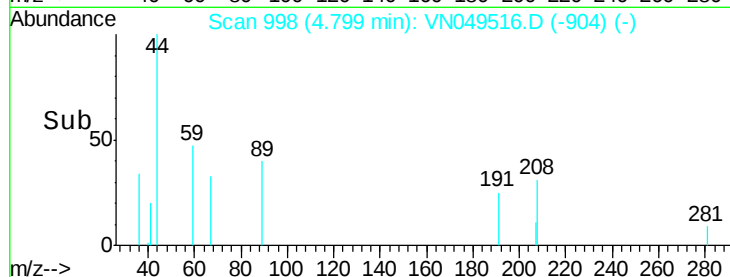
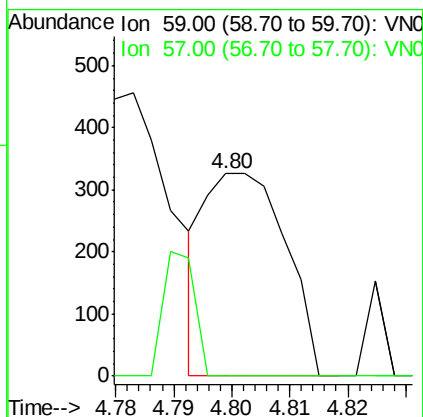
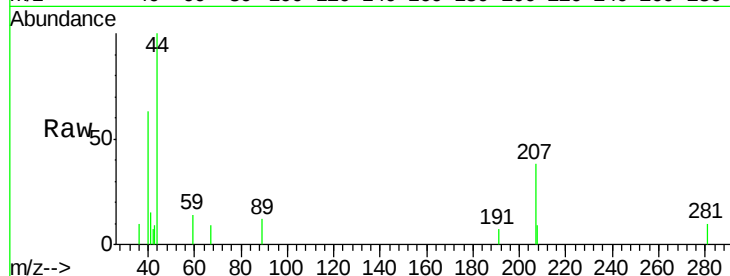




#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

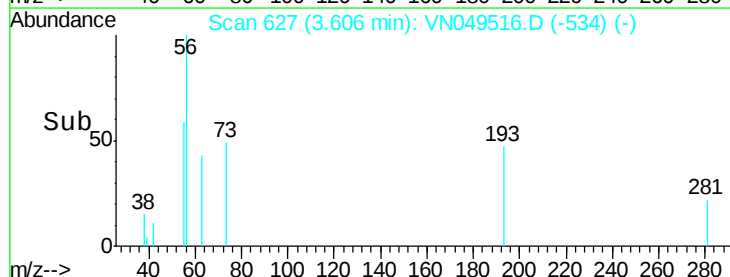
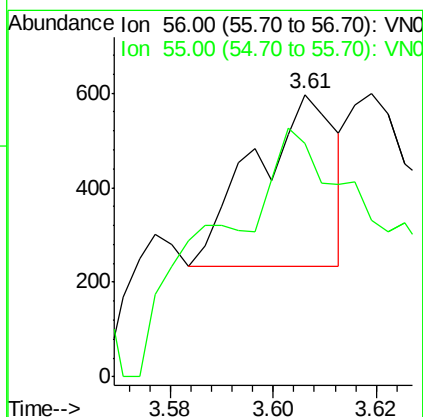
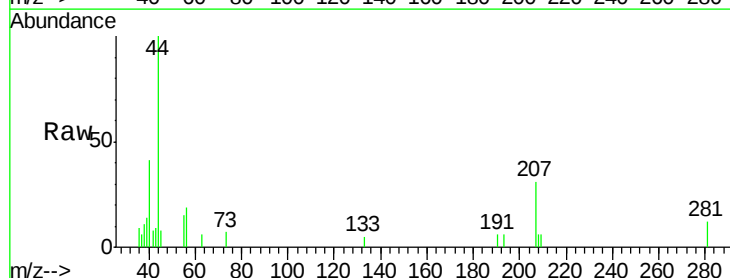
Instrument :
MSVOA_N
ClientSampled :
PB110537TB

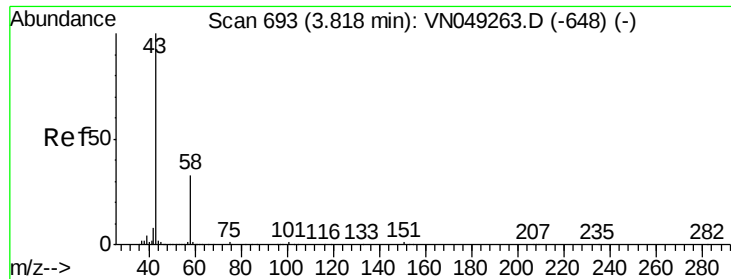
Tot Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 24.1 9.0 13.6#



#13
Acrolein
Concen: 0.38 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

Tgt Ion: 56 Resp: 396
Ion Ratio Lower Upper
56 100
55 315.4 57.1 85.7#





#16

Acetone

Concen: 13.95 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

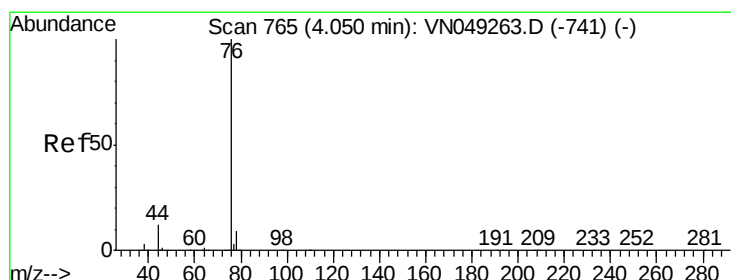
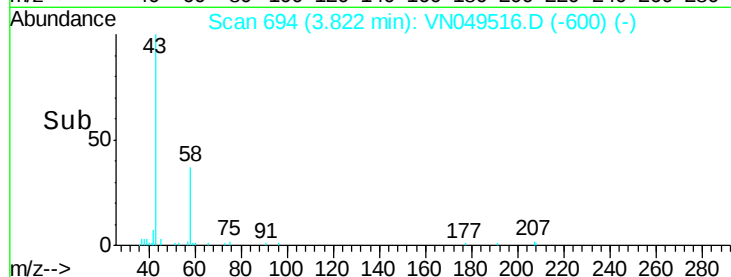
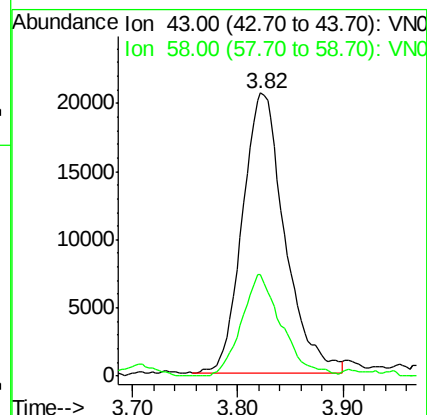
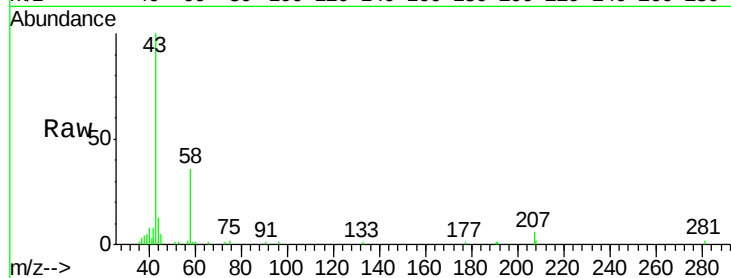
PB110537TB

Tot Ion: 43 Resp: 57563

Ion Ratio Lower Upper

43 100

58 36.3 22.4 33.6#



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049516.D

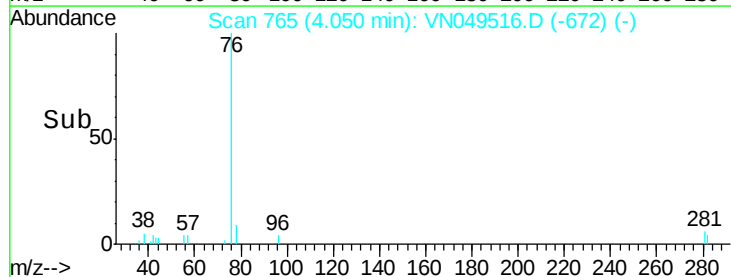
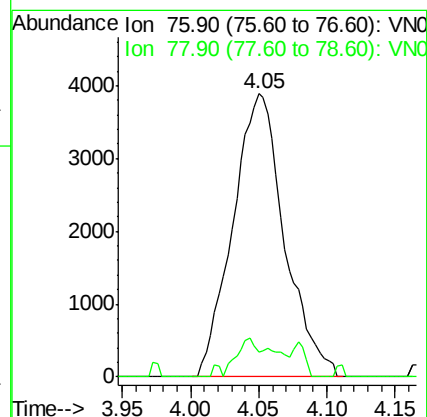
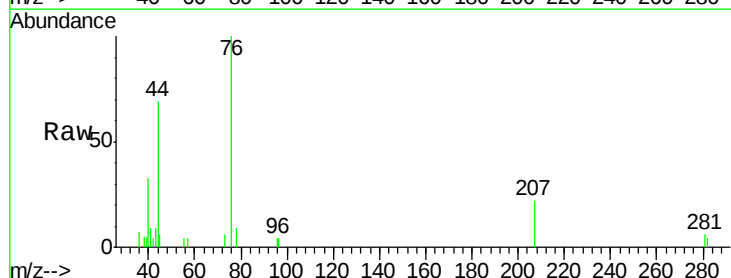
Acq: 25 Jun 2018 17:38

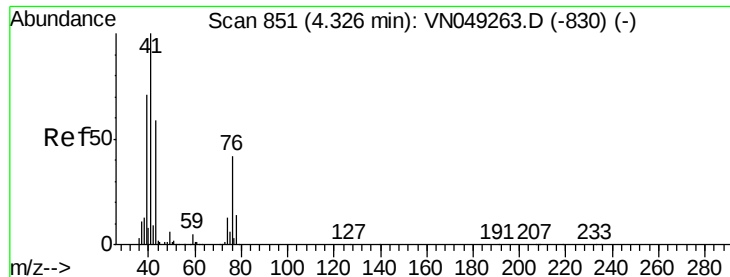
Tgt Ion: 76 Resp: 10228

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0

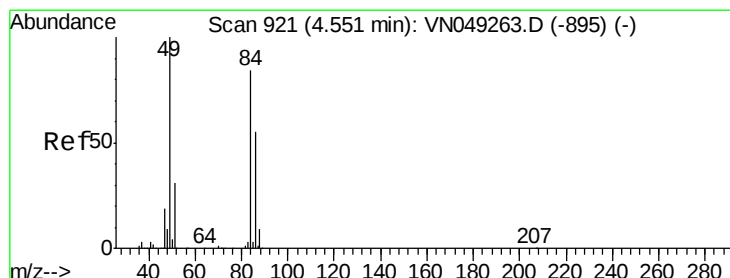
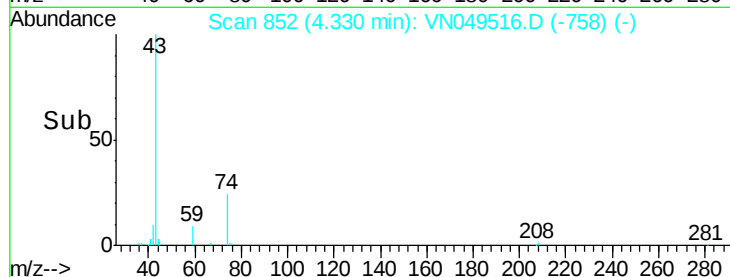
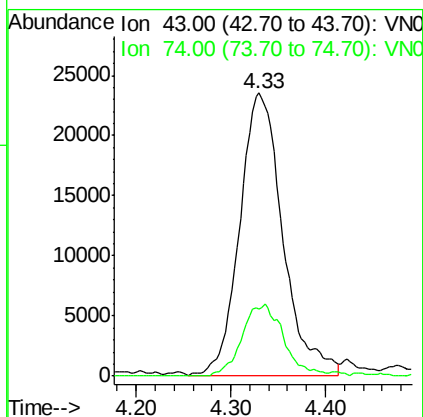
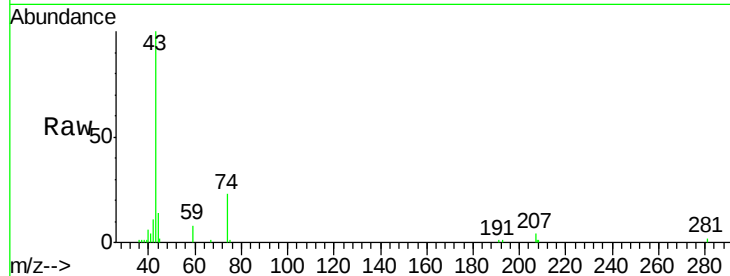




#18
Methvl Acetate
Concen: 5.94 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

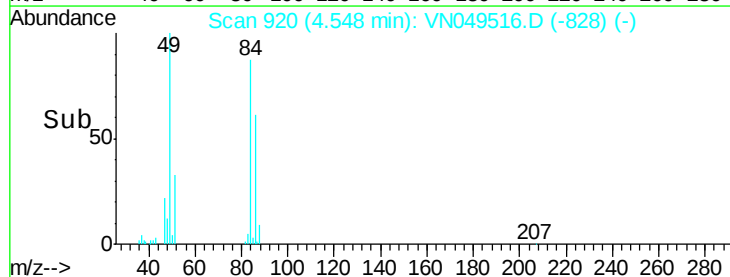
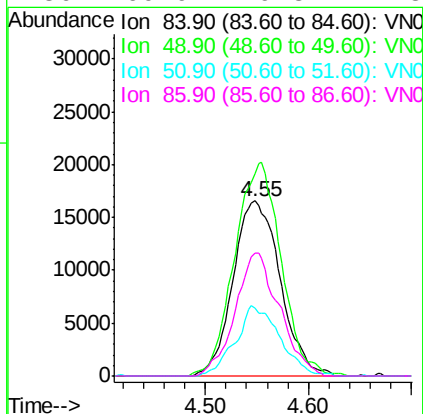
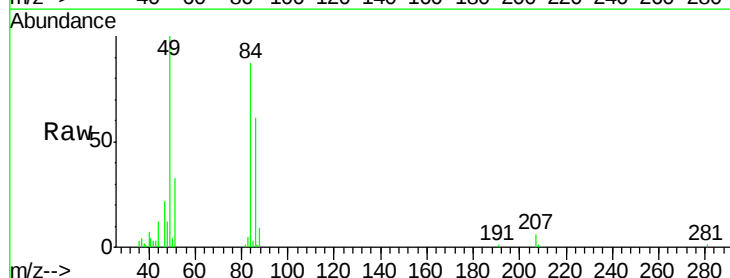
Instrument :
MSVOA_N
ClientSampled :
PB110537TB

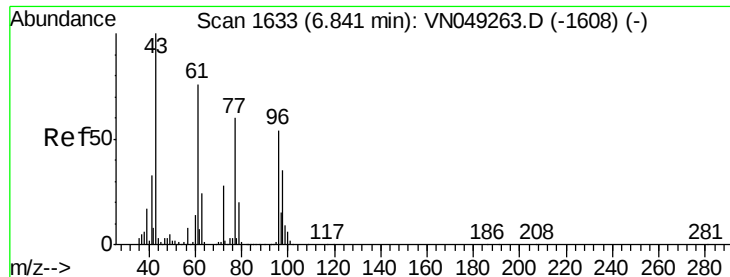
Tot Ion: 43 Resp: 74667
Ion Ratio Lower Upper
43 100
74 10.7 17.4 26.0#



#20
Methylene Chloride
Concen: 3.06 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

Tgt Ion: 84 Resp: 52767
Ion Ratio Lower Upper
84 100
49 115.5 106.9 160.3
51 38.4 32.7 49.1
86 69.9 49.8 74.8

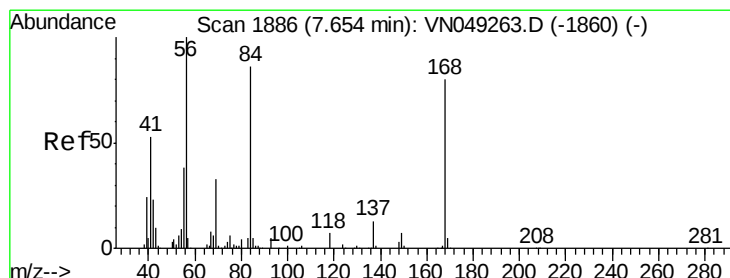
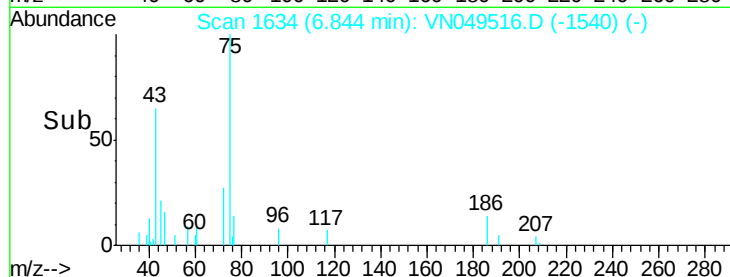
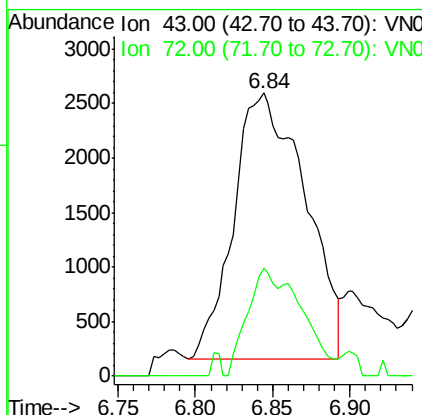
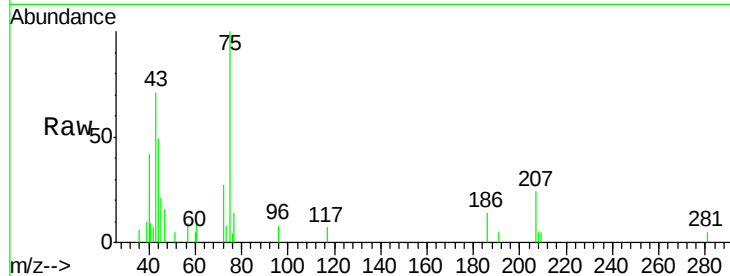




#25
2-Butanone
Concen: 1.42 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

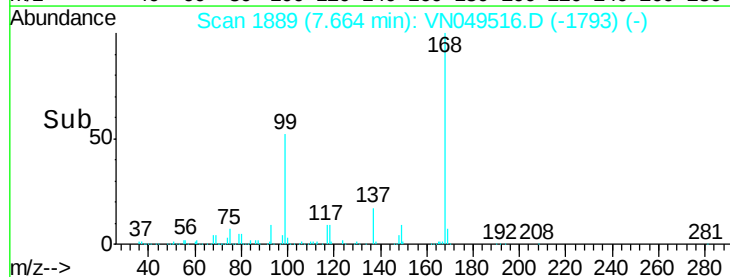
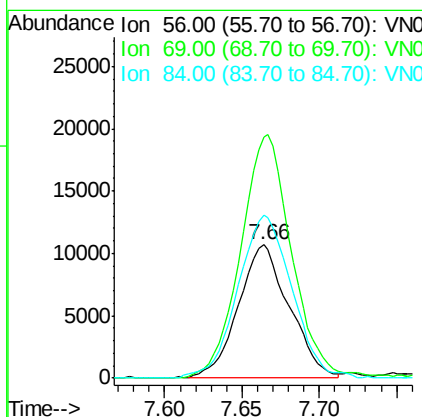
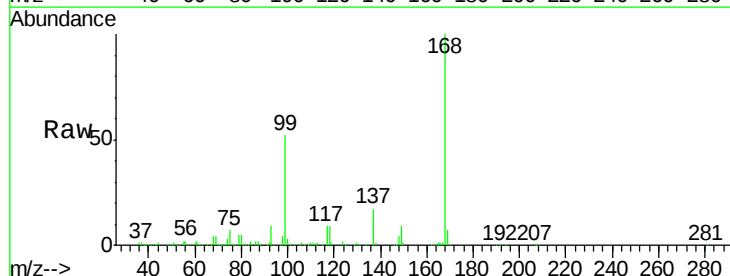
Instrument :
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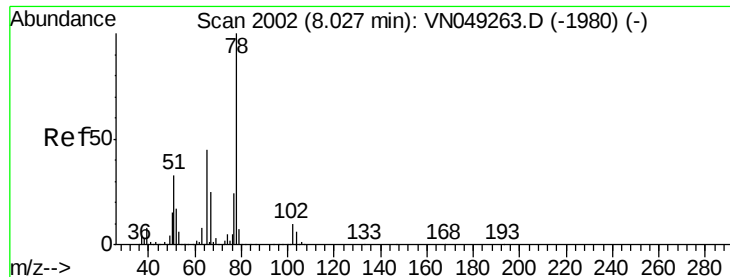
Tot Ion: 43 Resp: 7858
Ion Ratio Lower Upper
43 100
72 40.8 20.2 30.2#



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

Tgt Ion: 56 Resp: 24533
Ion Ratio Lower Upper
56 100
69 178.6 25.0 37.4#
84 119.1 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 48.82 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

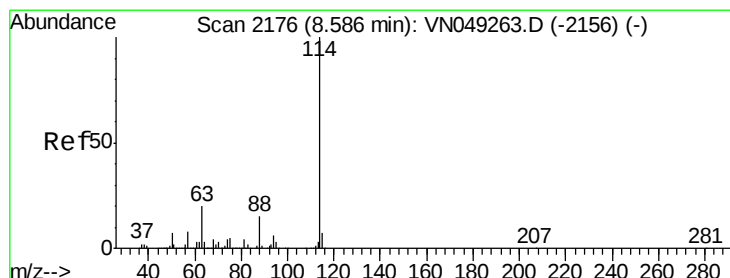
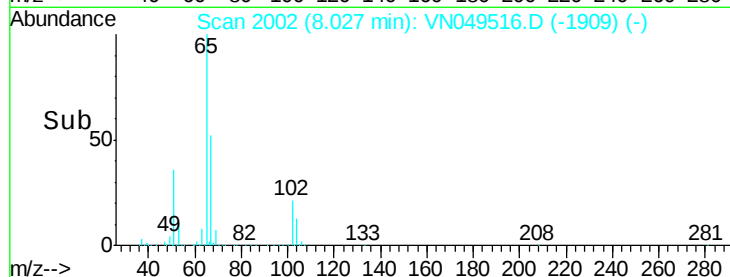
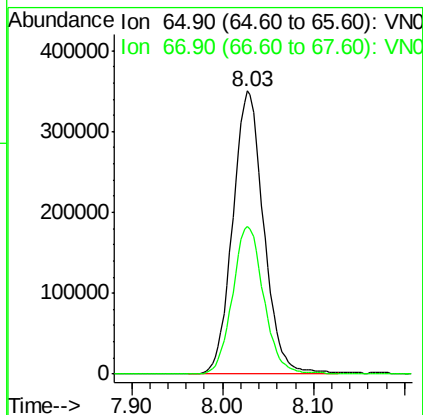
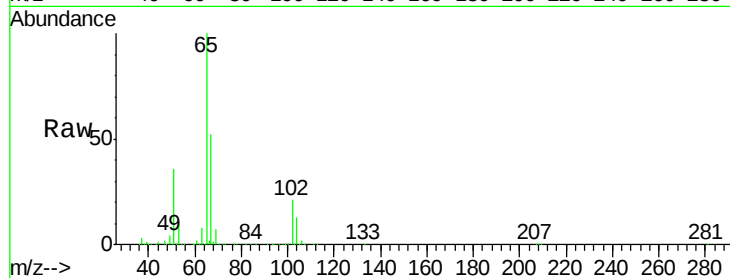
PB110537TB

Tot Ion: 65 Resp: 829565

Ion Ratio Lower Upper

65 100

67 52.5 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: VN049516.D

Acq: 25 Jun 2018 17:38

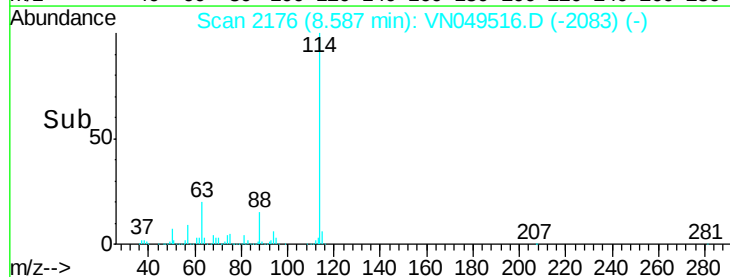
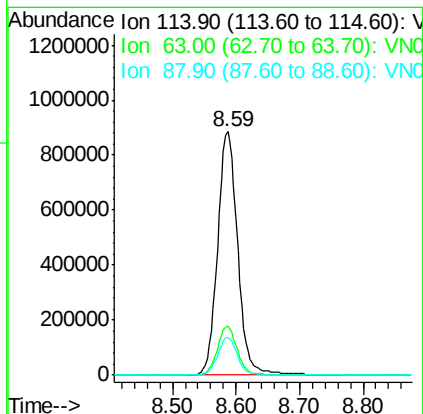
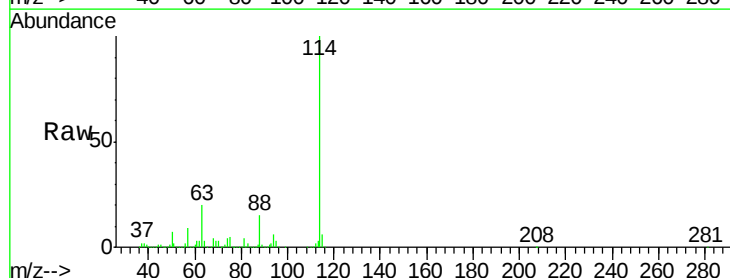
Tgt Ion: 114 Resp: 1939703

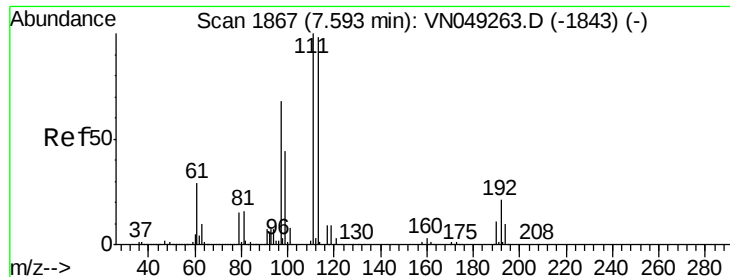
Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.5 0.0 31.4

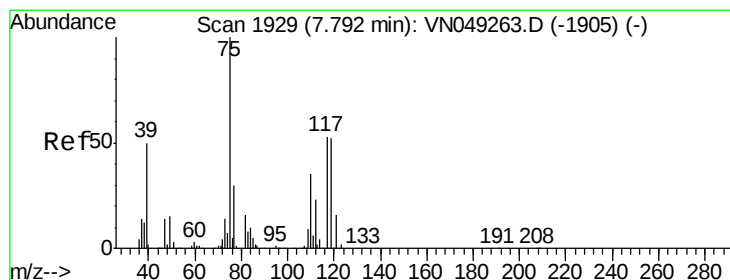
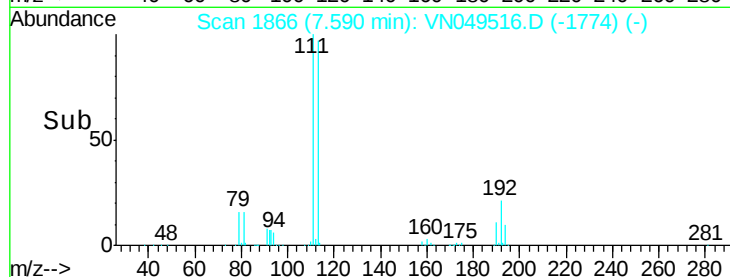
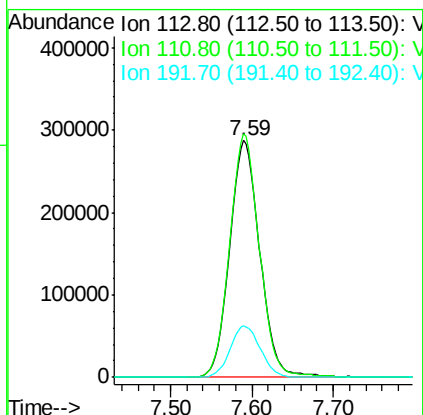
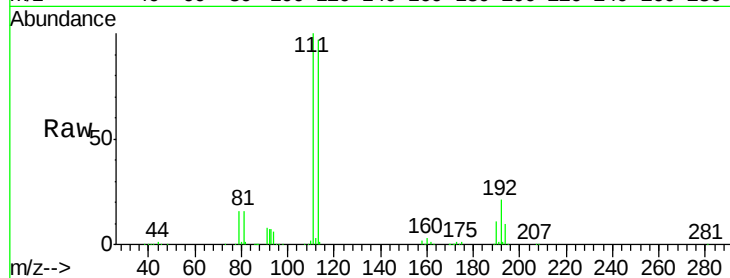




#35
 Dibromofluoromethane
 Concen: 47.20 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

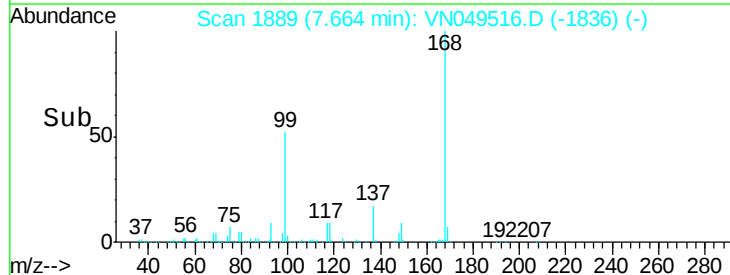
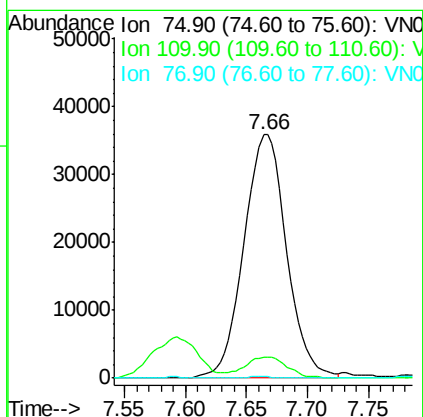
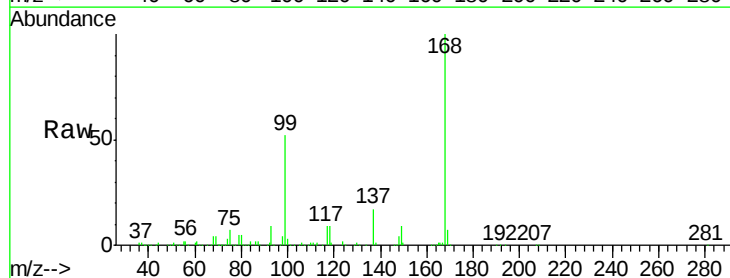
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

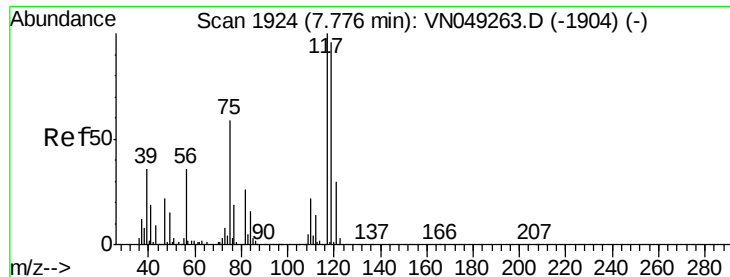
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.0	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.2	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.11 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

PB110537TB

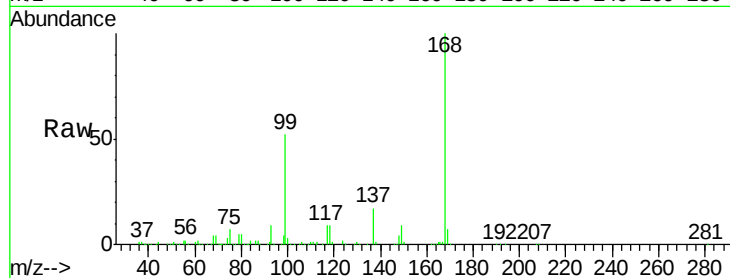
Tot Ion:117 Resp: 116062

Ion Ratio Lower Upper

117 100

119 6.6 75.6 113.4#

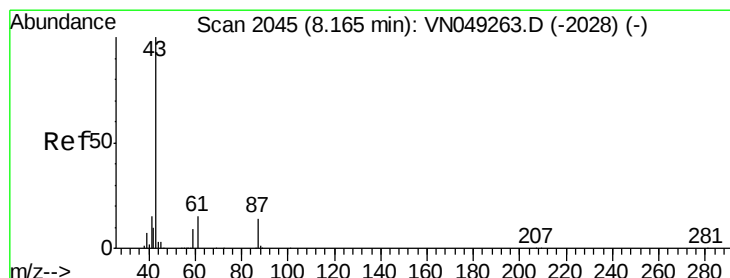
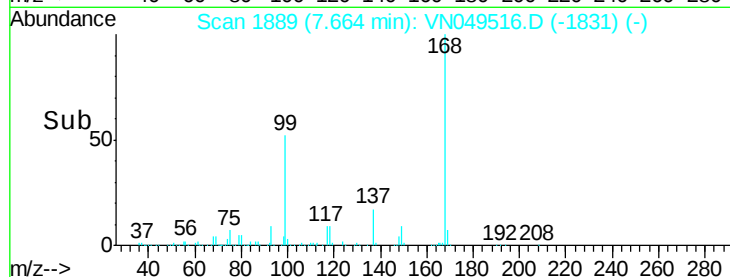
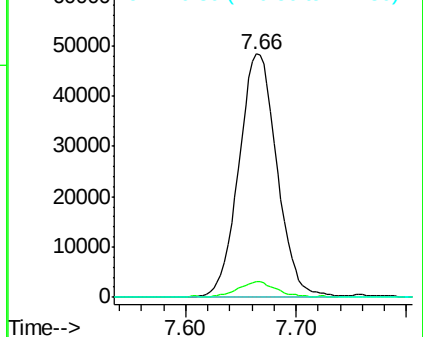
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.92 ug/l

RT: 8.25 min Scan# 2071

Delta R.T. 0.08 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

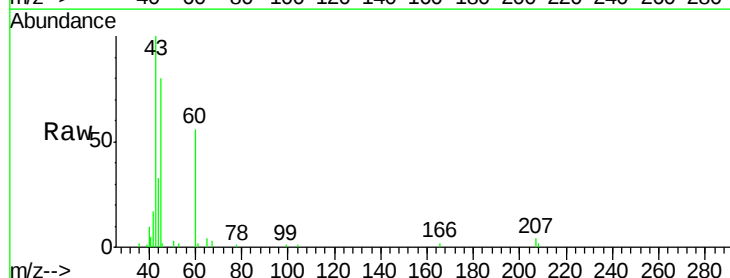
Tgt Ion: 43 Resp: 44281

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

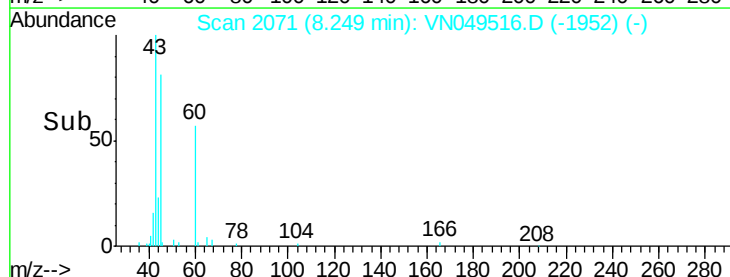
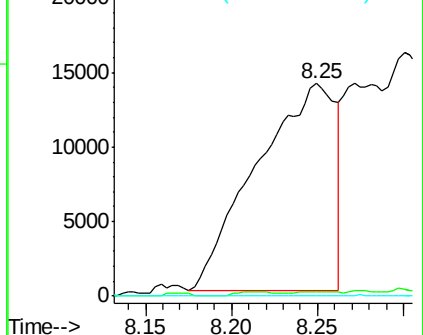
87 0.0 9.4 14.0#

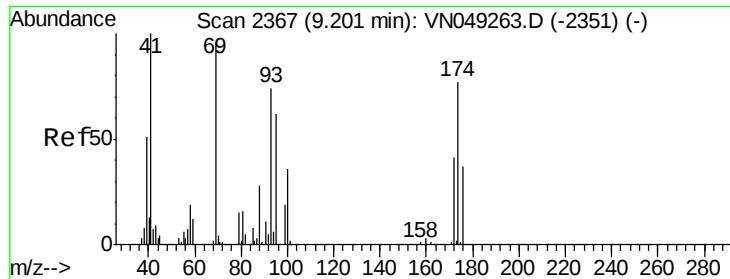


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#49

1,4-Dioxane

Concen: 1.35 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

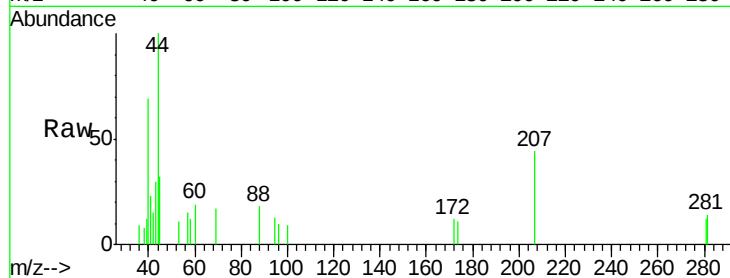
Tot Ion: 88 Resp: 203

Ion Ratio Lower Upper

88 100

43 90.6 30.9 46.3#

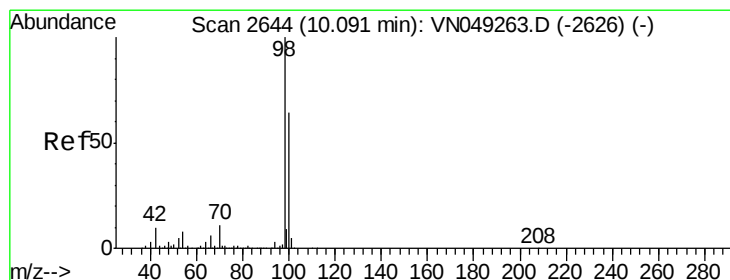
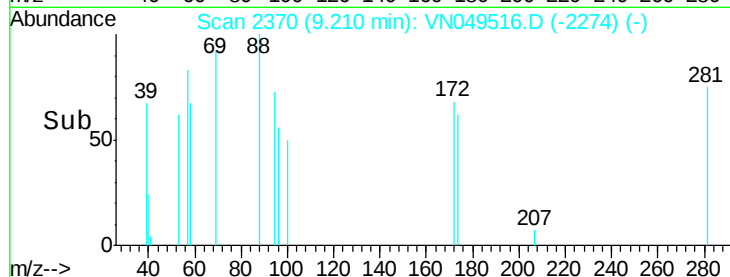
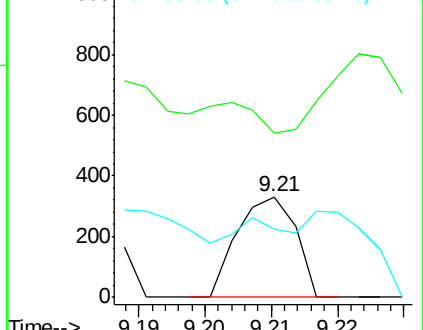
58 90.6 58.9 88.3#



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: 45.34 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049516.D

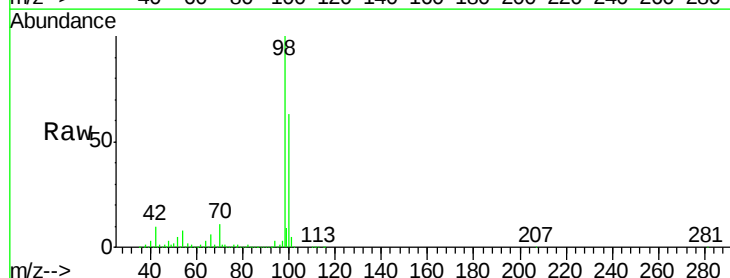
Acq: 25 Jun 2018 17:38

Tgt Ion: 98 Resp: 2709178

Ion Ratio Lower Upper

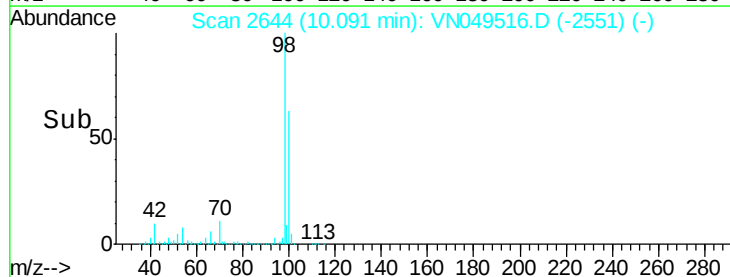
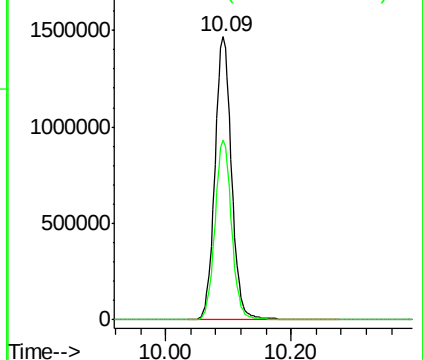
98 100

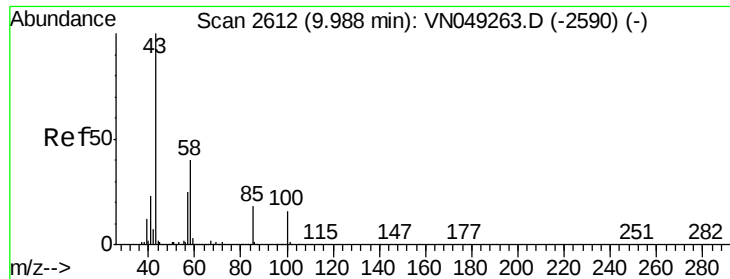
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.61 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

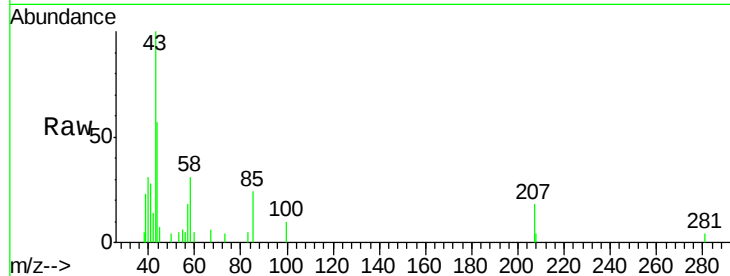
PB110537TB

Tot Ion: 43 Resp: 7395

Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

4000

2000

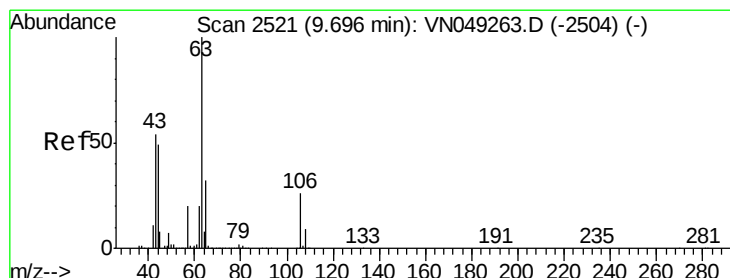
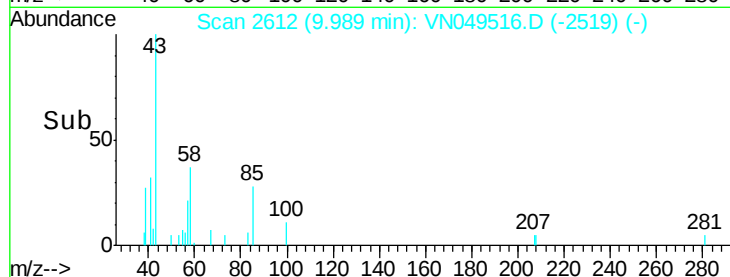
0

9.95

9.99

10.05

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.69 min Scan# 2519

Delta R.T. -0.01 min

Lab File: VN049516.D

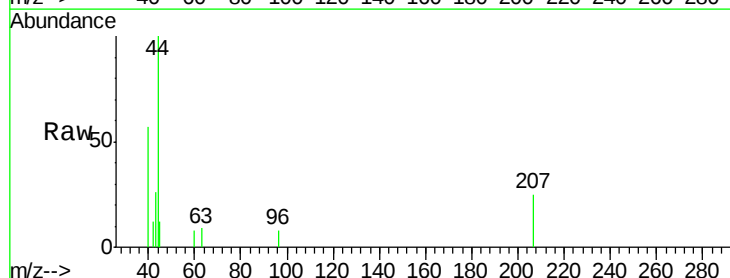
Acq: 25 Jun 2018 17:38

Tgt Ion: 63 Resp: 139

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

250

200

150

100

50

0

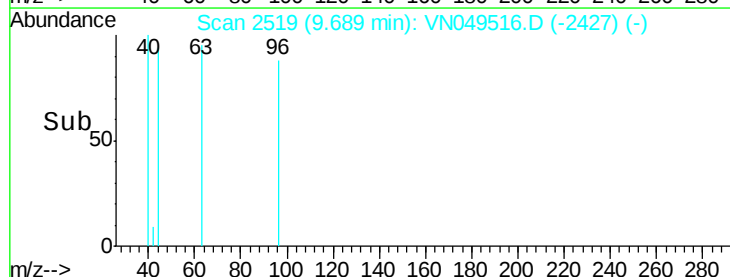
9.67

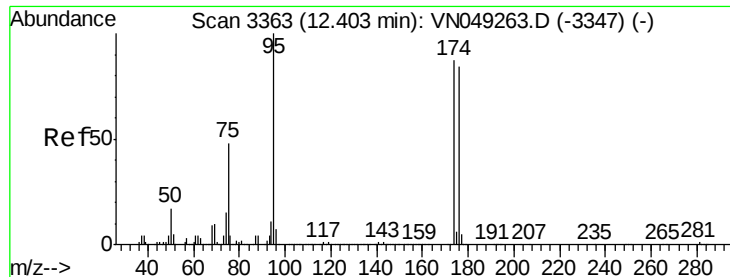
9.68

9.69

9.70

Time-->

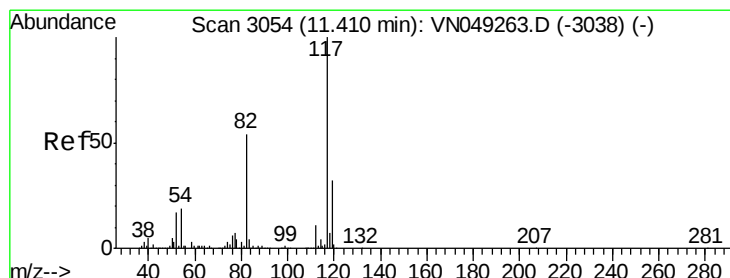
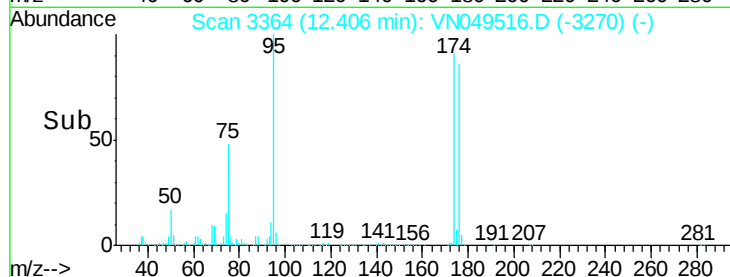
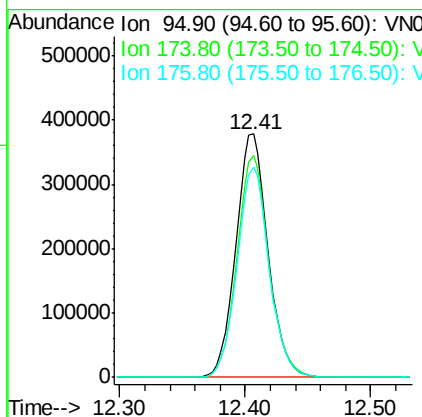
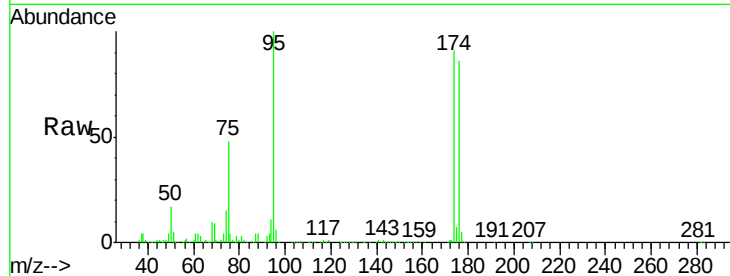




#62
4-Bromofluorobenzene
Concen: 33.88 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

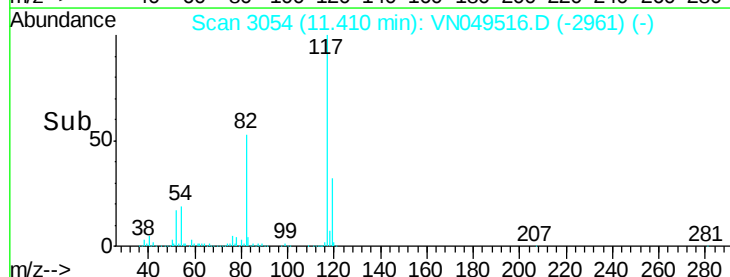
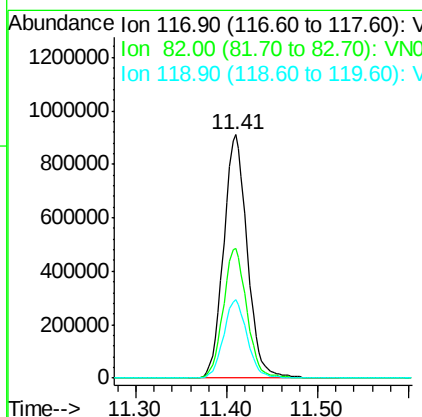
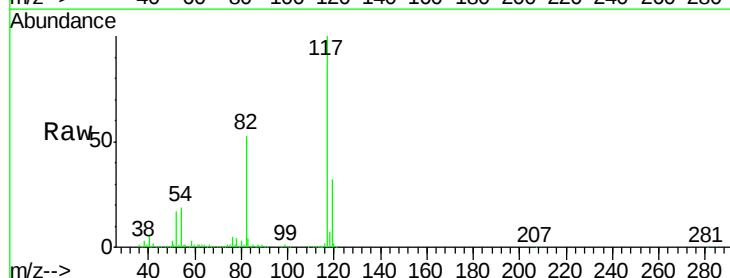
Instrument :
MSVOA_N
ClientSampleId :
PB110537TB

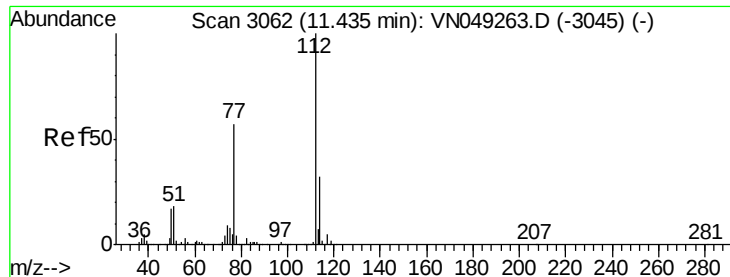
Tot Ion: 95 Resp: 669376
Ion Ratio Lower Upper
95 100
174 90.8 0.0 165.6
176 86.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

Tgt Ion: 117 Resp: 1639422
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 32.0 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: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

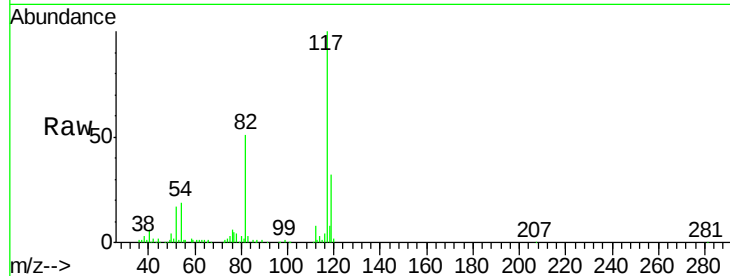
PB110537TB

Tot Ion:112 Resp: 13726

Ion Ratio Lower Upper

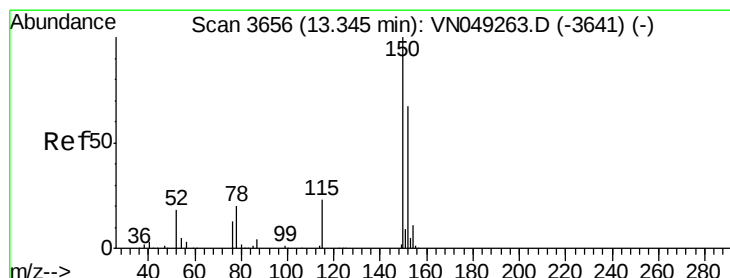
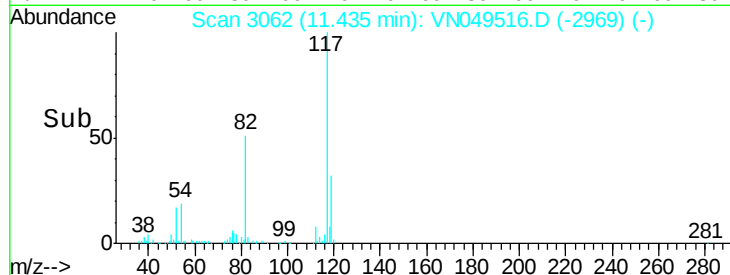
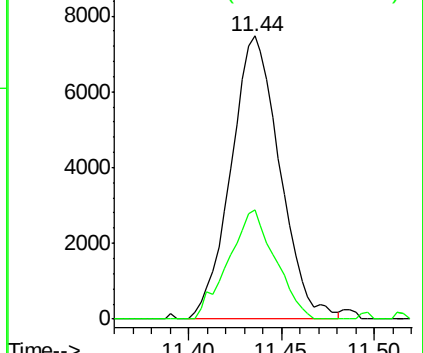
112 100

114 38.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VN049516.D

Acq: 25 Jun 2018 17:38

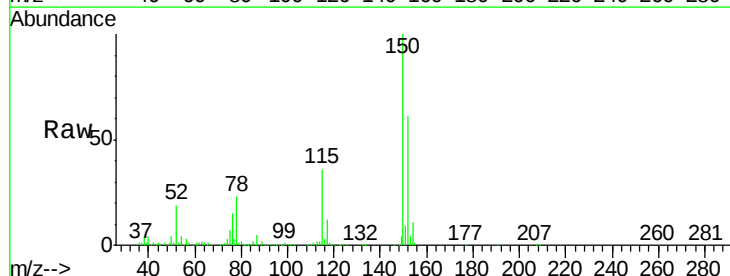
Tgt Ion:152 Resp: 432478

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

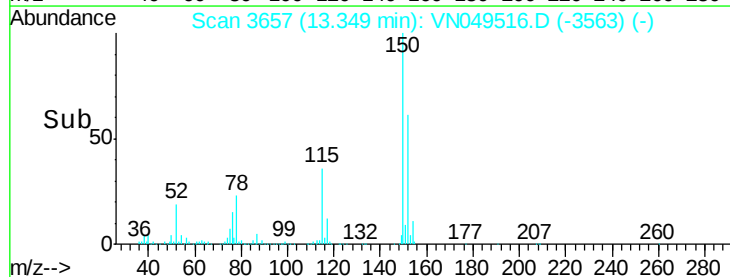
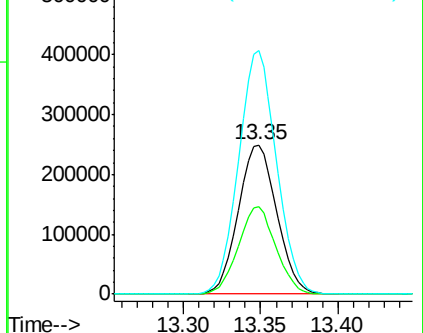
150 160.2 0.0 351.0

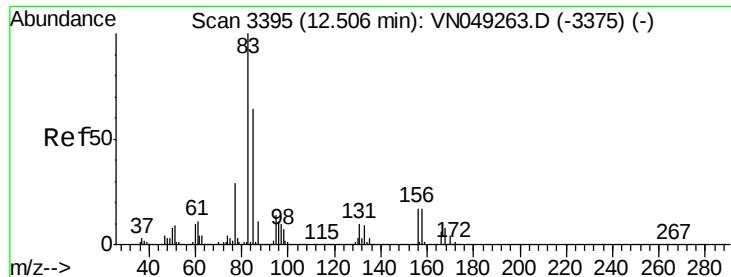


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

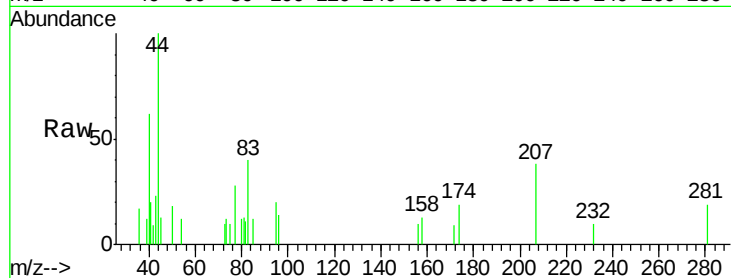
Tot Ion: 83 Resp: 1024

Ion Ratio Lower Upper

83 100

131 6.3 5.0 15.0

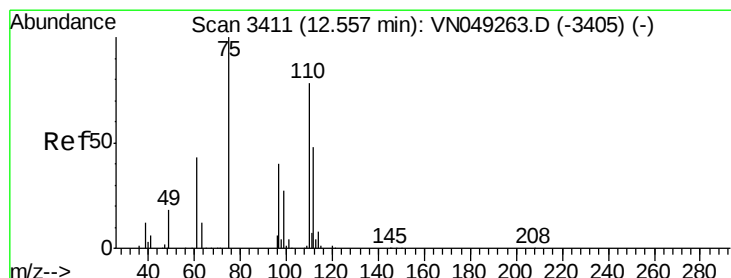
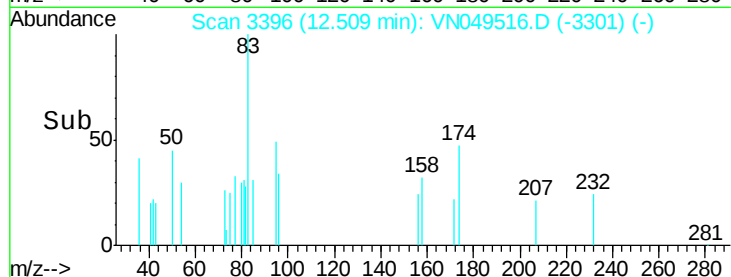
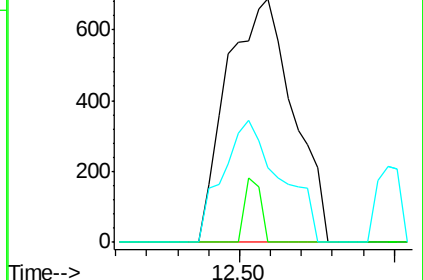
85 44.0 32.0 96.0



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: 43.99 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049516.D

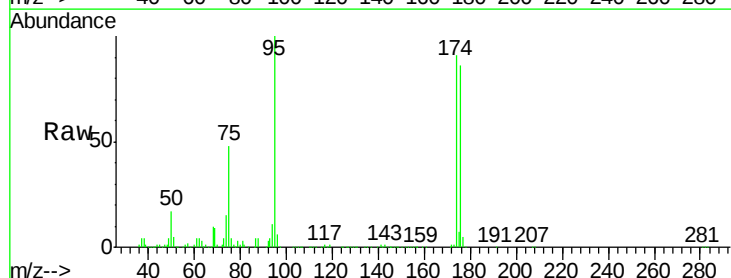
Acq: 25 Jun 2018 17:38

Tgt Ion: 75 Resp: 324626

Ion Ratio Lower Upper

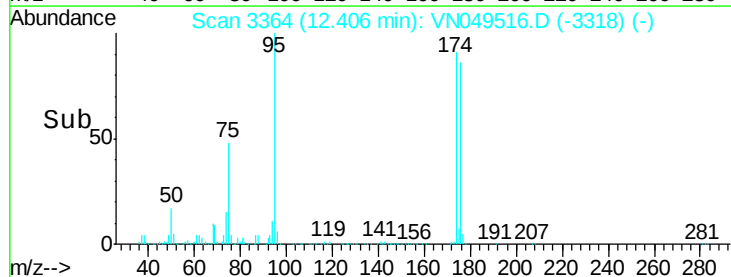
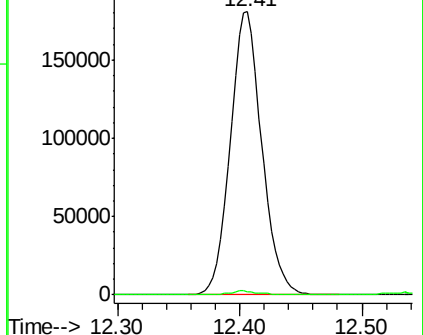
75 100

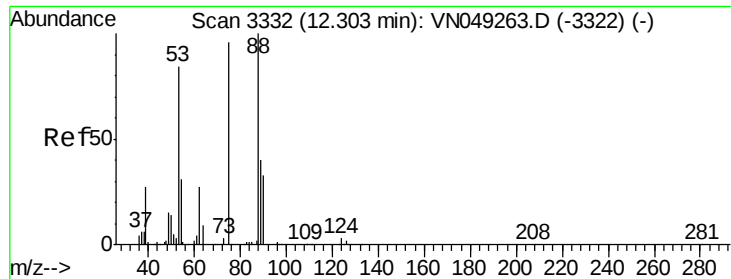
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

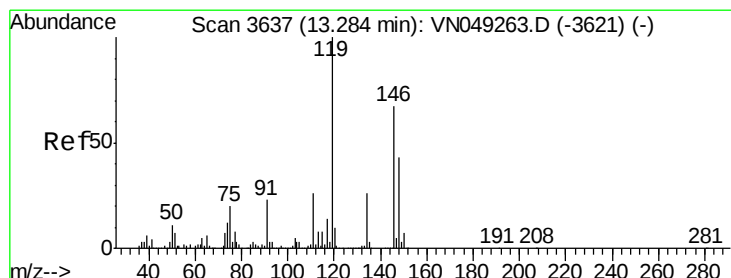
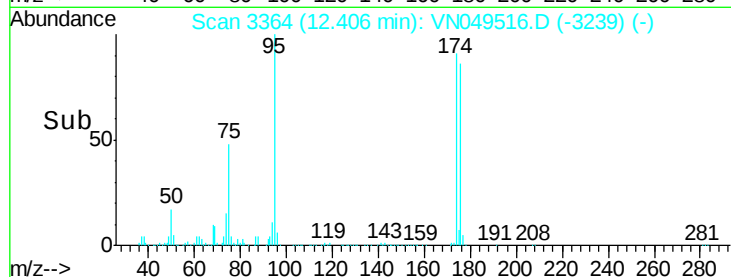
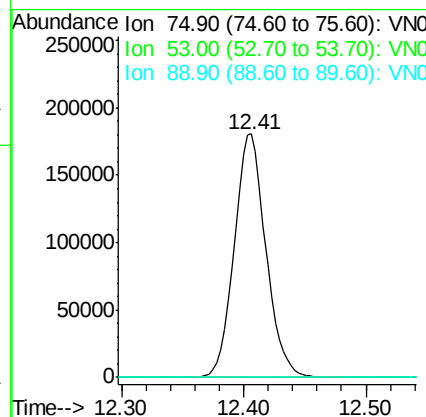
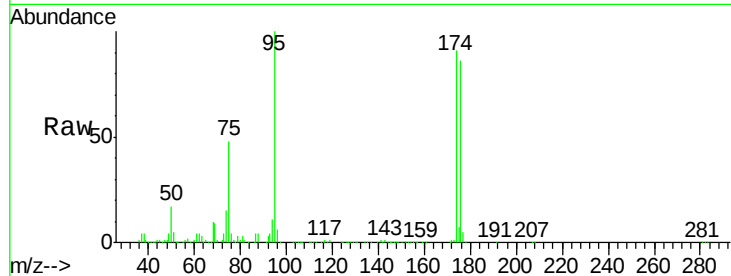




#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.04 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.10 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

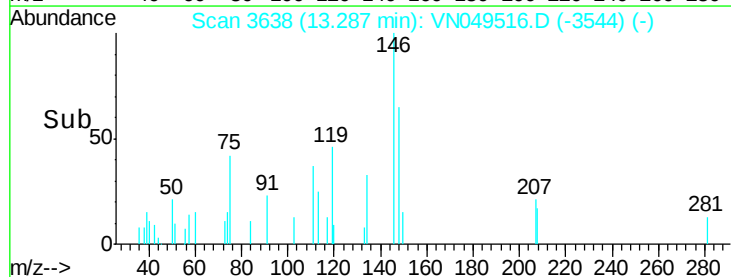
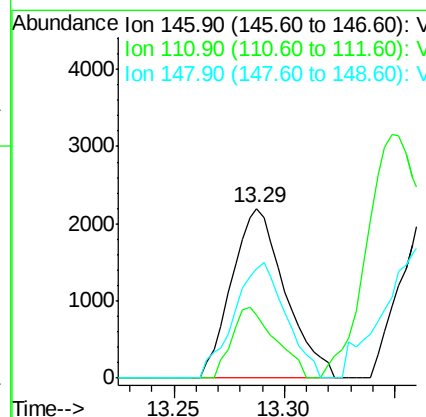
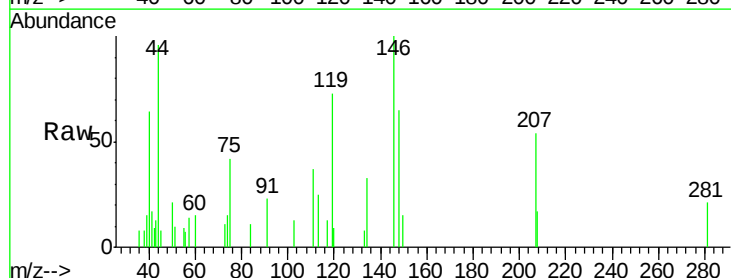
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

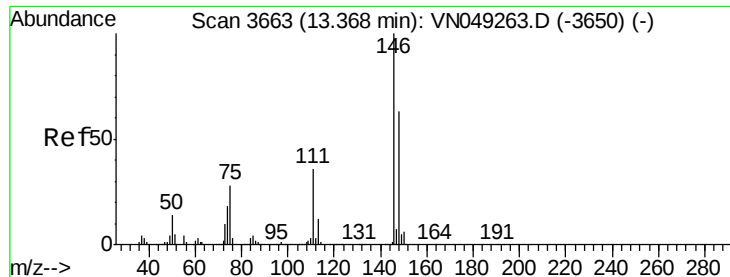
Tot Ion: 75 Resp: 324626
 Ion Ratio Lower Upper
 75 100
 53 0.3 82.7 124.1#
 89 0.0 36.5 54.7#



#87
 1,3-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

Tgt Ion: 146 Resp: 3687
 Ion Ratio Lower Upper
 146 100
 111 33.9 19.9 59.6
 148 66.0 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.08 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

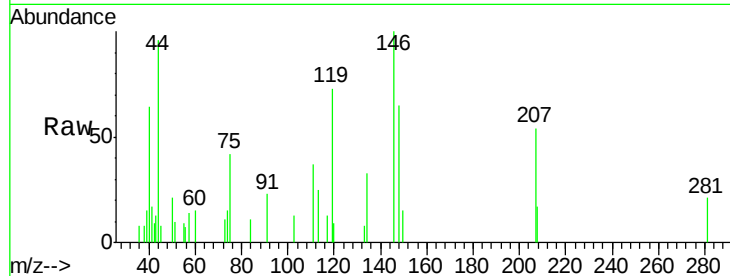
Tot Ion:146 Resp: 3687

Ion Ratio Lower Upper

146 100

111 33.9 19.1 57.1

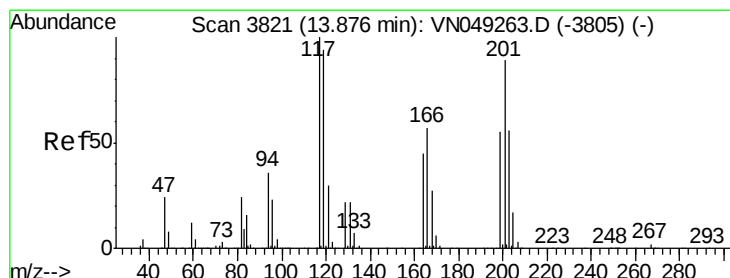
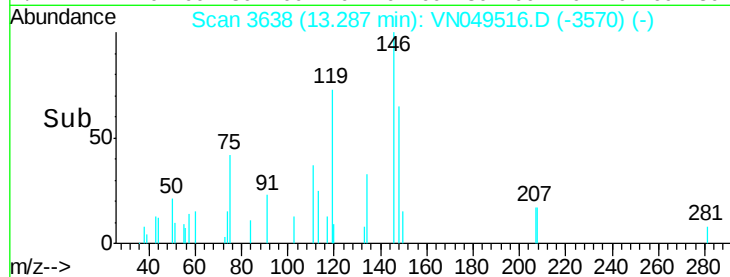
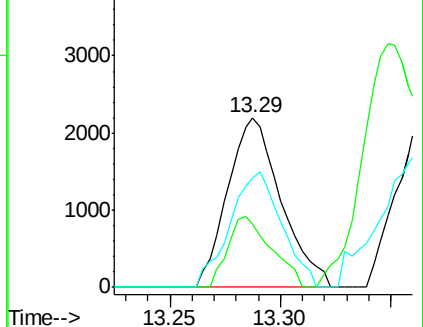
148 66.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN049516.D

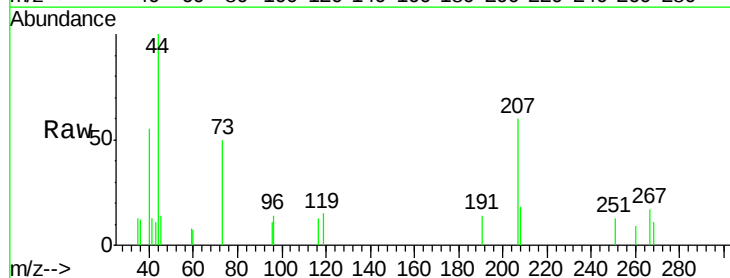
Acq: 25 Jun 2018 17:38

Tgt Ion:117 Resp: 140

Ion Ratio Lower Upper

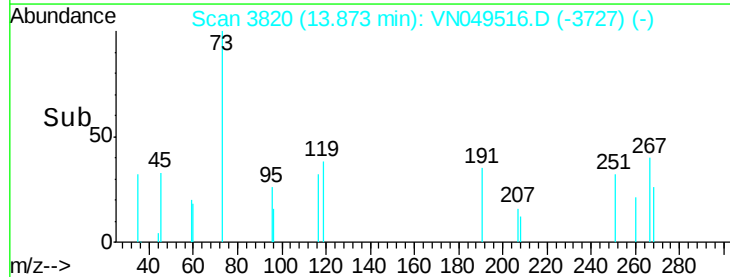
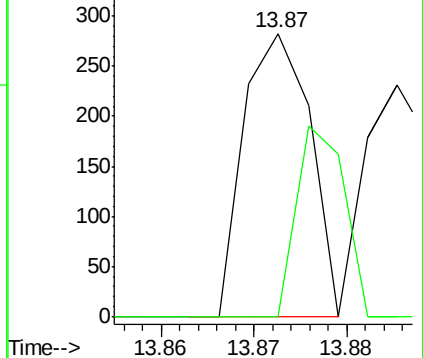
117 100

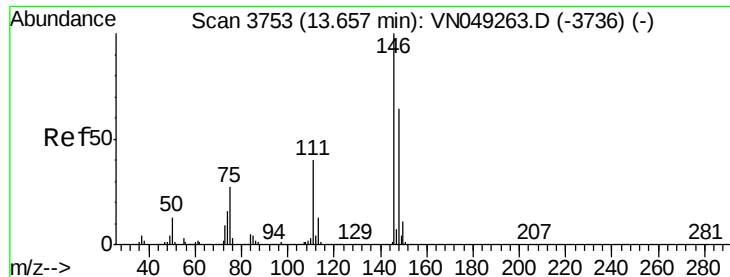
201 48.6 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

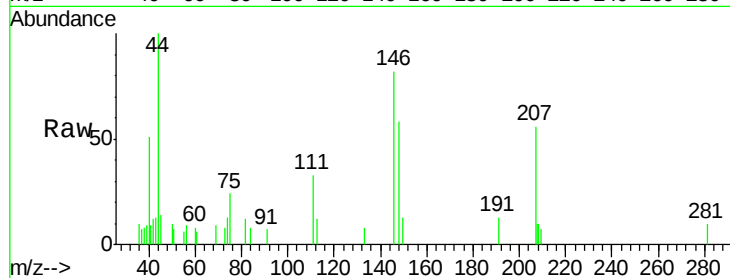
Tot Ion:146 Resp: 3370

Ion Ratio Lower Upper

146 100

111 34.4 20.8 62.2

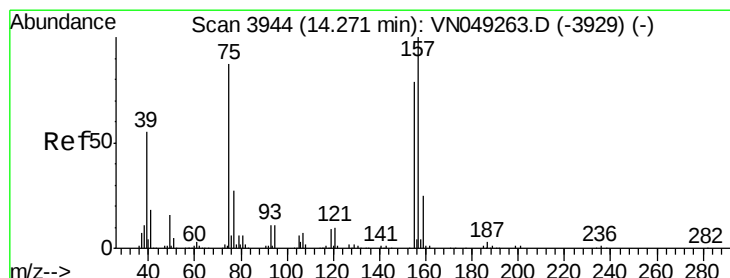
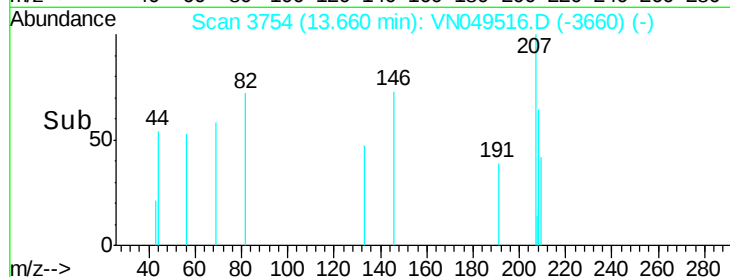
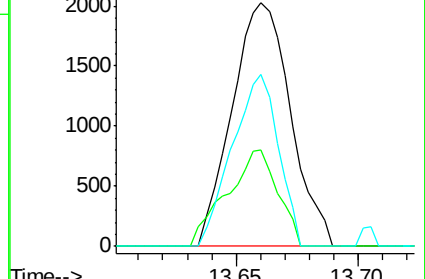
148 55.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.58 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

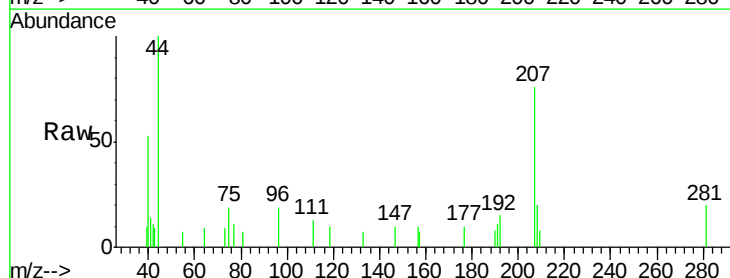
Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

75 100

155 4.0 38.8 116.3#

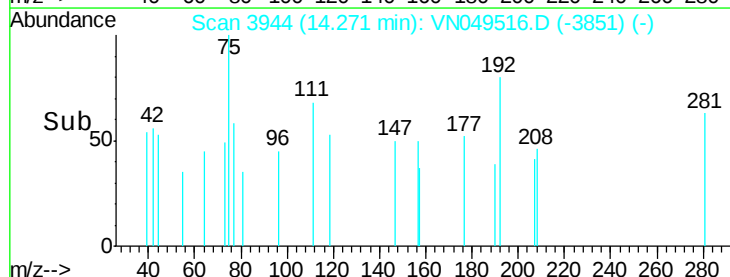
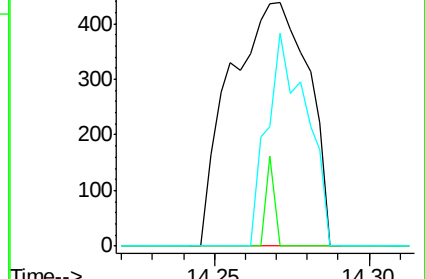
157 44.0 51.0 153.1#

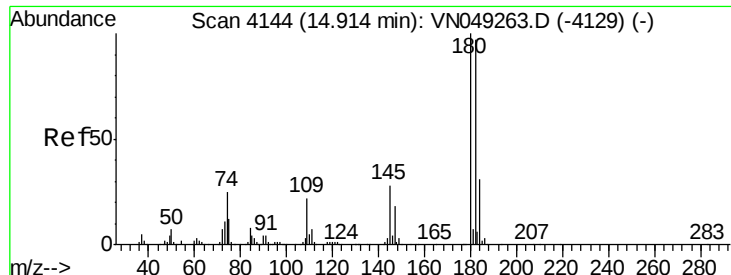


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

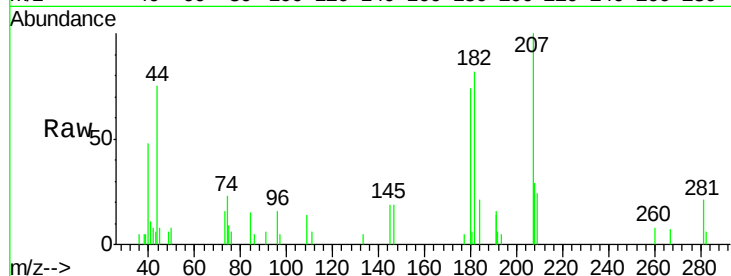




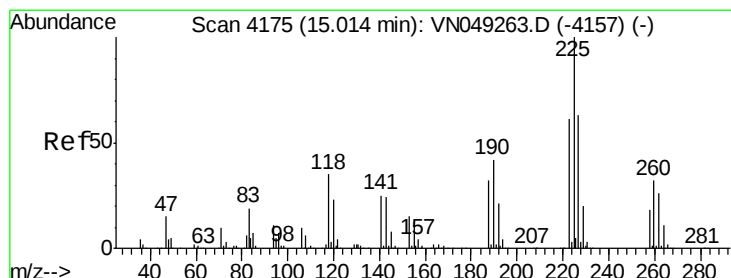
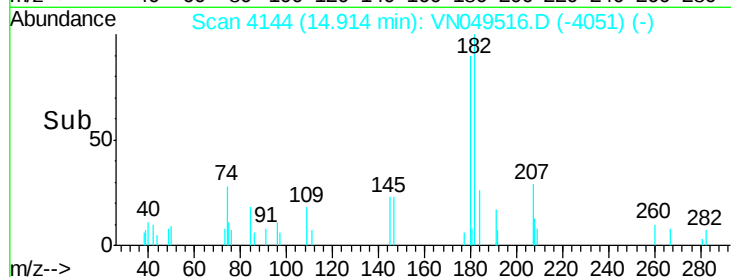
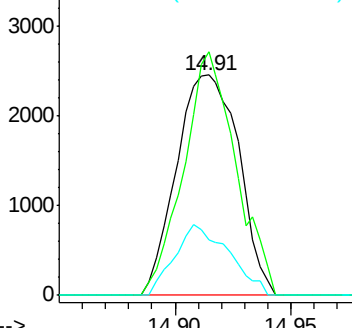
#93
 1,2,4-Trichlorobenzene
 Concen: 5.30 ua/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

Tot Ion:180 Resp: 4587
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.9 140.8
 145 27.9 14.7 44.1

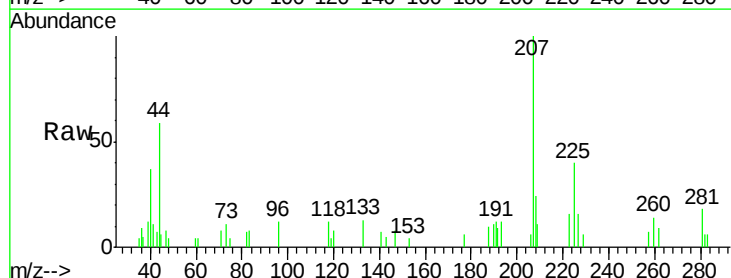


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

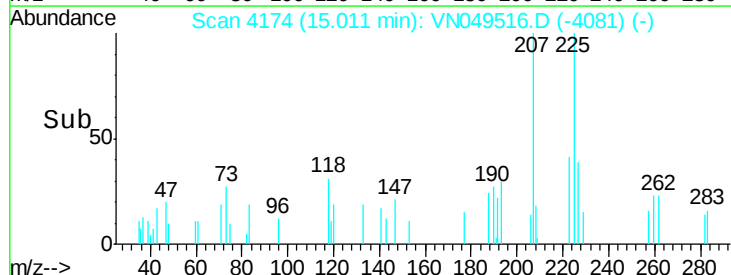
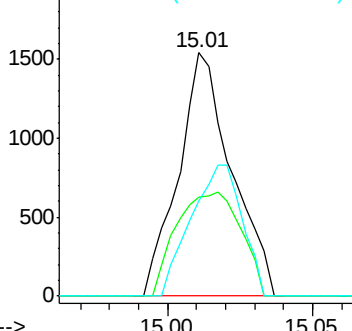


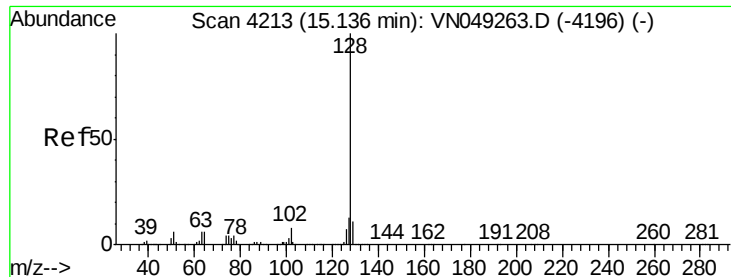
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

Tgt Ion:225 Resp: 1964
 Ion Ratio Lower Upper
 225 100
 223 51.8 32.1 96.3
 227 51.9 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: 2.81 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

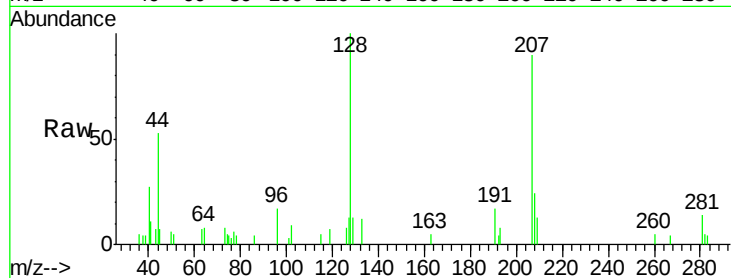
Tot Ion:128 Resp: 8744

Ion Ratio Lower Upper

128 100

127 10.6 10.6 16.0

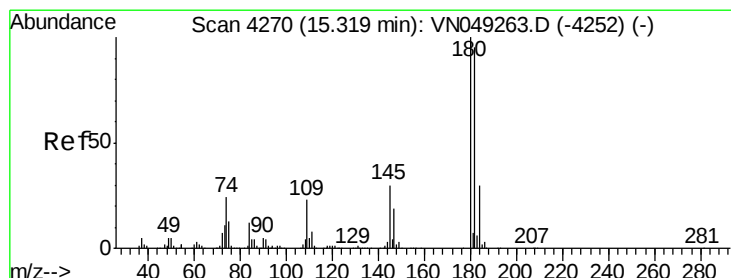
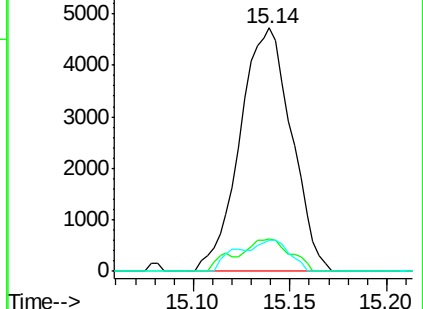
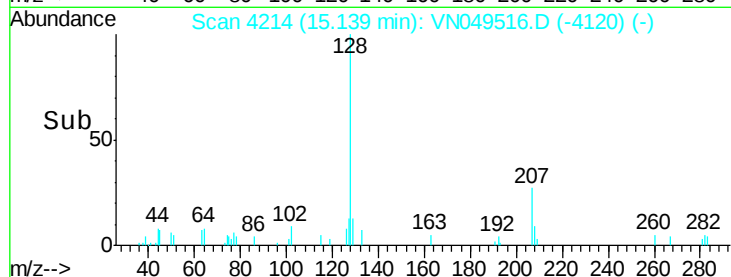
129 7.9 8.5 12.7#



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: 4.00 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

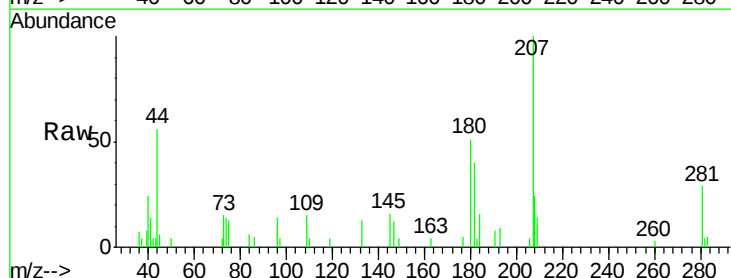
Tgt Ion:180 Resp: 4246

Ion Ratio Lower Upper

180 100

182 85.5 47.3 141.8

145 27.0 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

