

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049366.D
 Acq On : 19 Jun 2018 1:58
 Operator : MD\SY
 Sample : J3551-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 03:59:35 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	1288327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2064733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1710857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	532556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	861298	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	757373	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	10.09	98	2800118	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
62) 4-Bromofluorobenzene	12.41	95	744678	35.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.82%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3837	0.20	ug/l	100
5) Bromomethane	2.57	94	3933	0.37	ug/l	83
11) Tert butyl alcohol	4.79	59	356	0.35	ug/l #	1
13) Acrolein	3.62	56	582	0.55	ug/l #	57
16) Acetone	3.82	43	80798	19.47	ug/l	89
18) Methyl Acetate	4.33	43	91968	7.27	ug/l #	78
20) Methylene Chloride	4.55	84	55922	3.23	ug/l	92
25) 2-Butanone	6.84	43	7361	1.32	ug/l #	84
29) Tetrahydrofuran	7.22	42	2943	0.82	ug/l #	65
30) Chloroform	7.37	83	25592	0.86	ug/l	90
31) Cyclohexane	7.67	56	23536	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	90269	3.81	ug/l #	45
38) Carbon Tetrachloride	7.67	117	119089	4.86	ug/l #	17
40) Benzene	8.04	78	48020	0.66	ug/l	98
43) Isopropyl Acetate	8.22	43	315330	12.83	ug/l #	64
47) Bromodichloromethane	9.41	83	9658	0.40	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	7420	0.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	30	14.33	ug/l #	51
59) 2-Hexanone	10.76	43	3153	0.38	ug/l	95
65) Chlorobenzene	11.44	112	11224	0.25	ug/l	97
71) Bromoform	12.40	173	5577	0.52	ug/l #	1
74) N-amyl acetate	12.04	43	3293	0.29	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.51	83	147	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	361167	39.75	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	361167	125.62	ug/l #	9
83) tert-Butylbenzene	13.00	119	10960	0.34	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	9854	0.27	ug/l	97
90) Hexachloroethane	13.89	117	181	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	761	4.82	ug/l #	70
94) Hexachlorobutadiene	15.01	225	235	Below	Cal #	27
95) Naphthalene	15.14	128	162613	12.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1060	3.57	ug/l	60

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

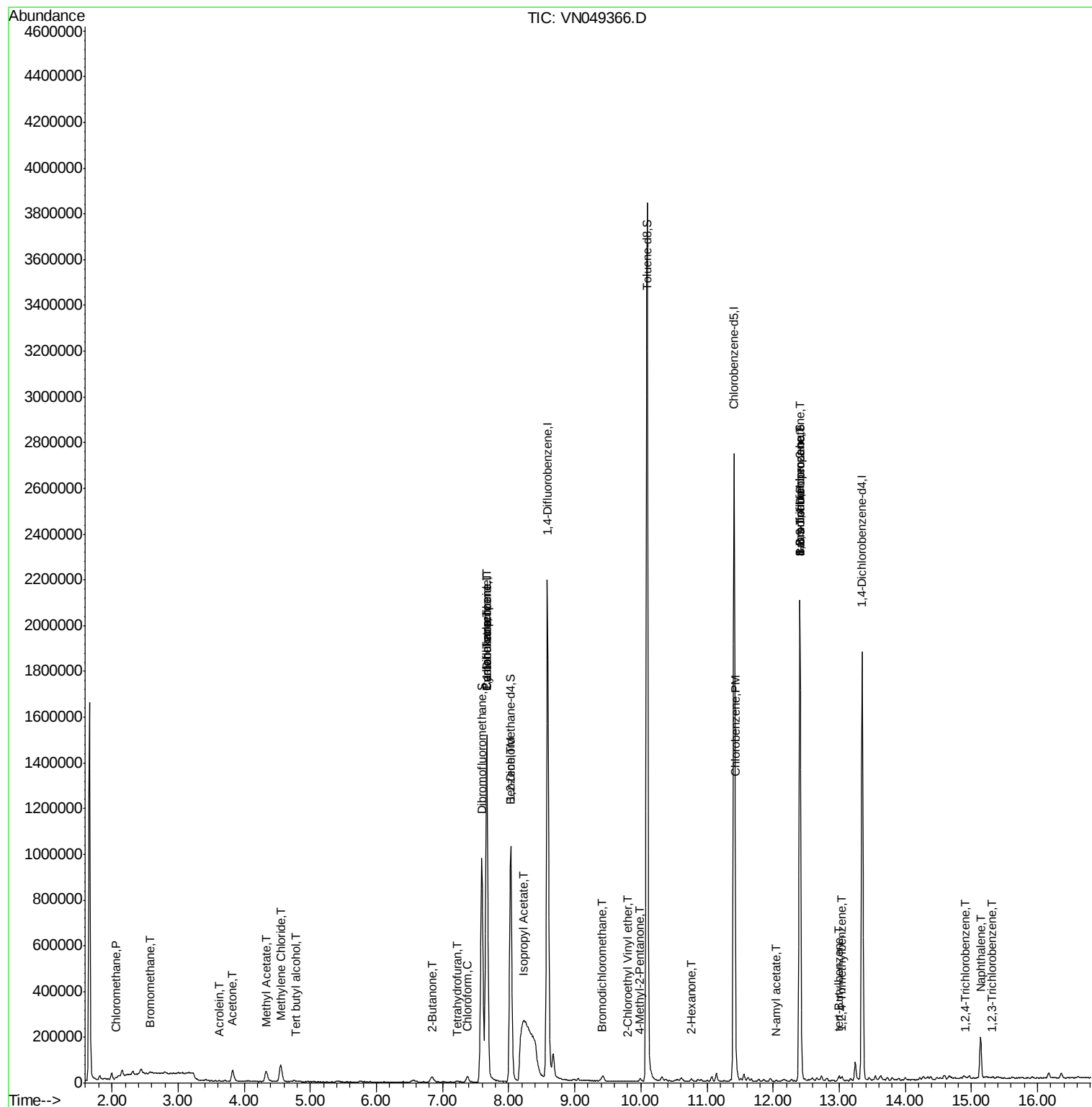
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

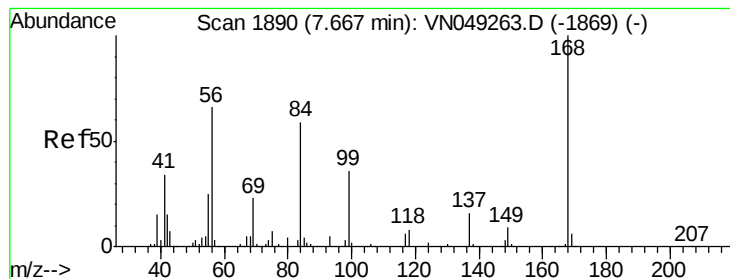
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049366.D
Acq On : 19 Jun 2018 1:58
Operator : MD\SY
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Quant Time: Jun 19 03:59:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

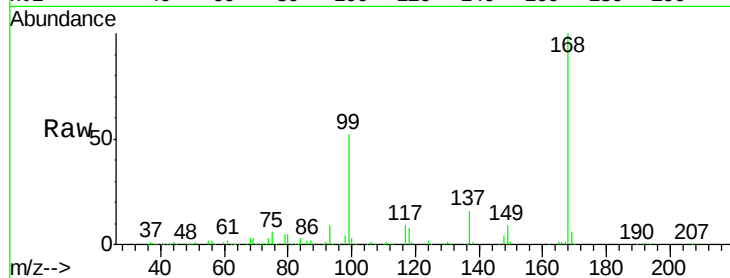
ClientSampleId :

Tot Ion:168 Resp: 1288327

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

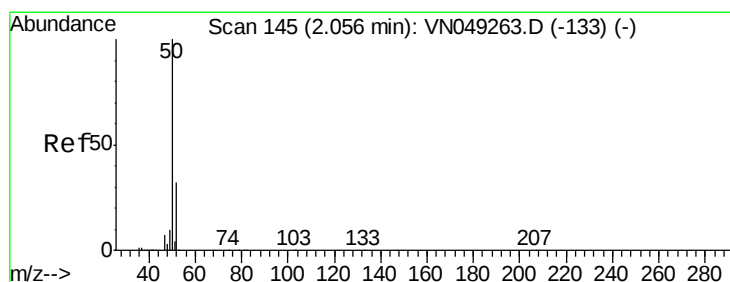
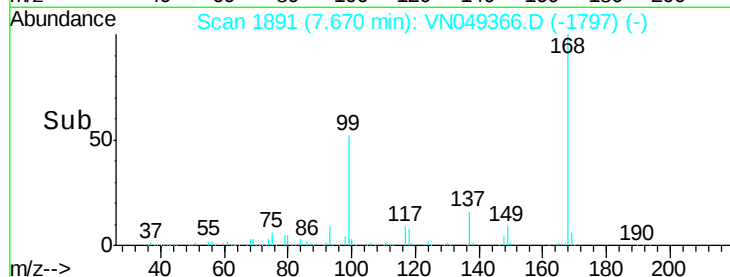
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049366.D

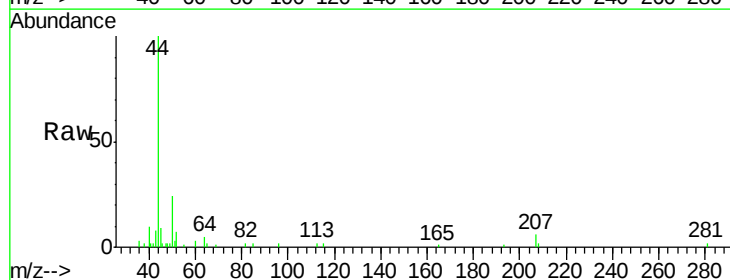
Acq: 19 Jun 2018 1:58

Tgt Ion: 50 Resp: 3837

Ion Ratio Lower Upper

50 100

52 31.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

3000

2500

2000

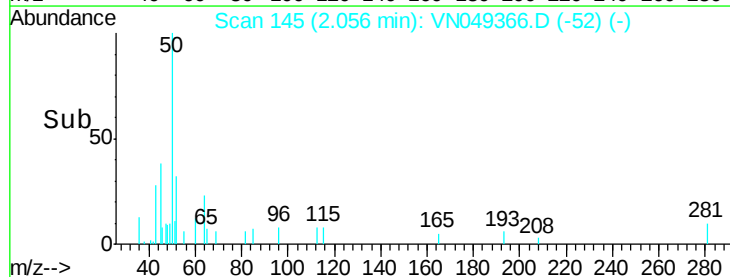
1500

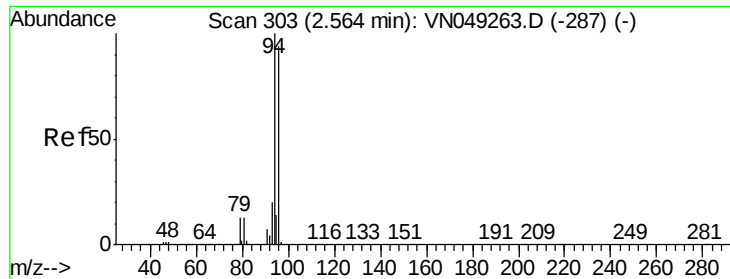
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.37 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

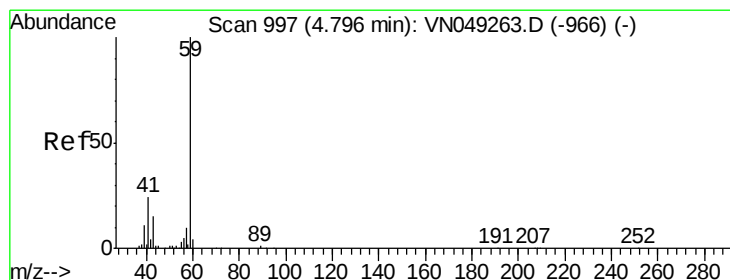
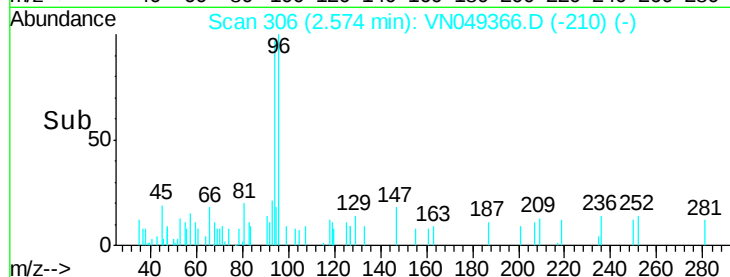
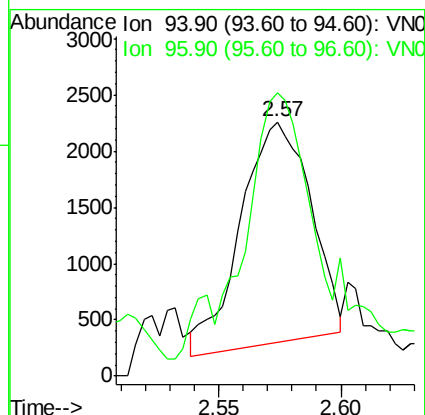
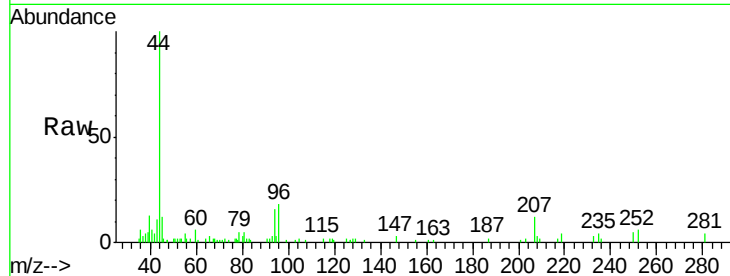
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 3933

Ion Ratio Lower Upper

94 100

96 107.4 72.8 109.2



#11

Tert butyl alcohol

Concen: 0.35 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN049366.D

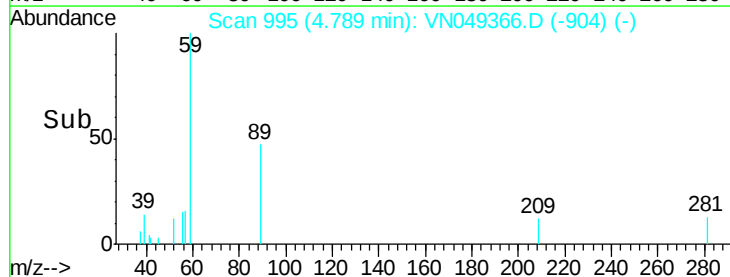
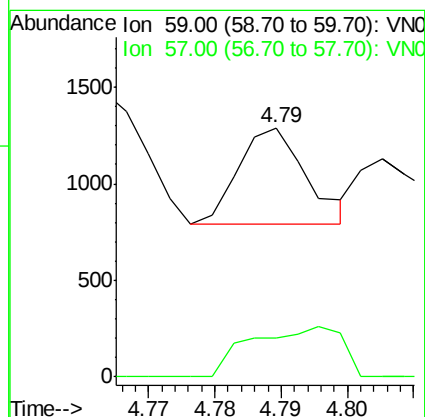
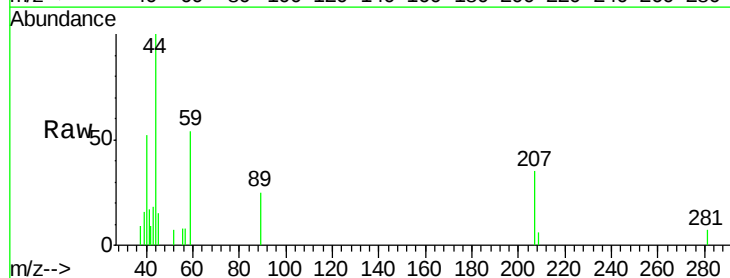
Acq: 19 Jun 2018 1:58

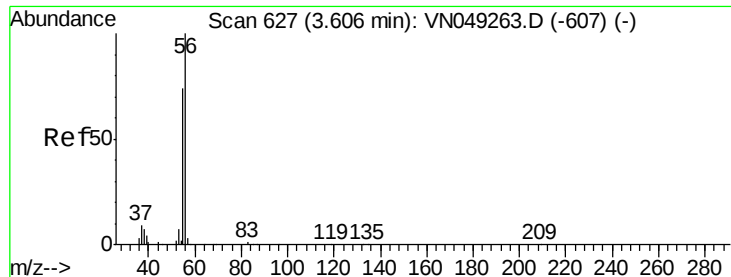
Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

59 100

57 70.2 9.0 13.6#





#13

Acrolein

Concen: 0.55 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

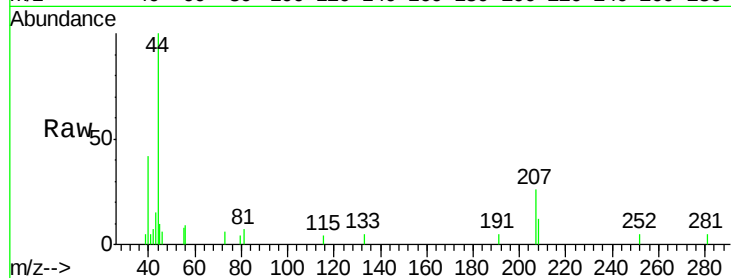
ClientSampleId :

Tot Ion: 56 Resp: 582

Ion Ratio Lower Upper

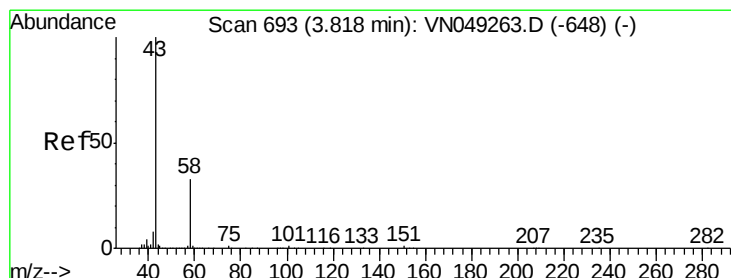
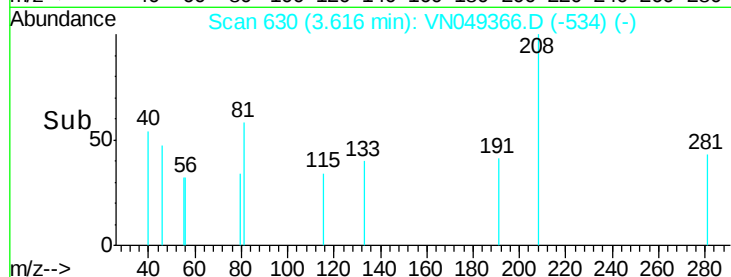
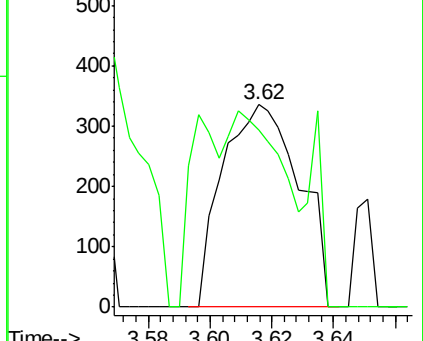
56 100

55 36.1 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 19.47 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049366.D

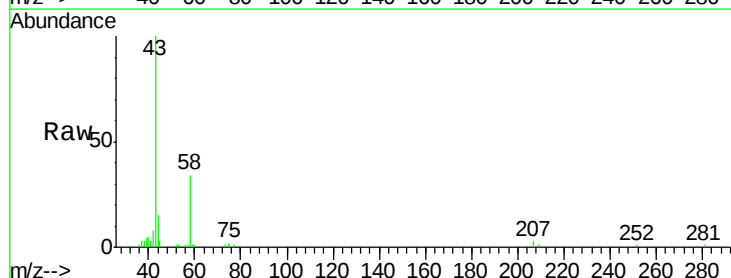
Acq: 19 Jun 2018 1:58

Tgt Ion: 43 Resp: 80798

Ion Ratio Lower Upper

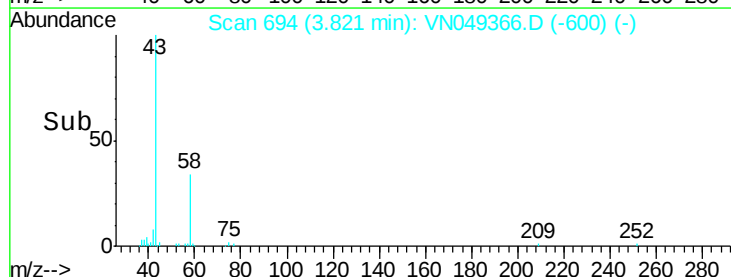
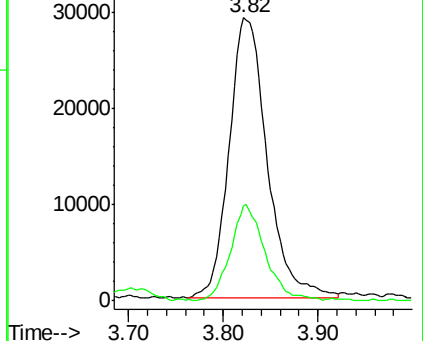
43 100

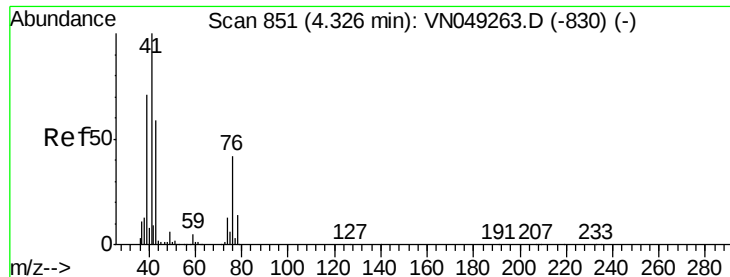
58 33.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

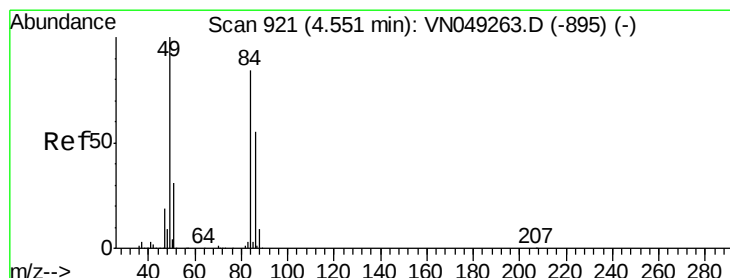
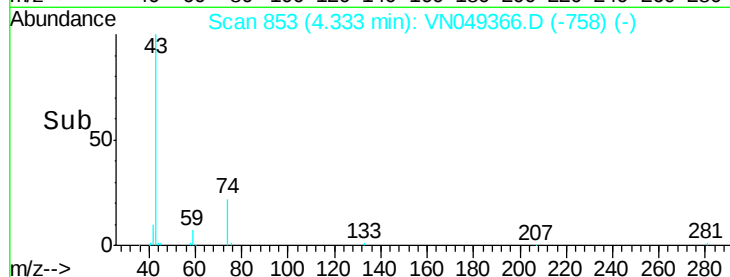
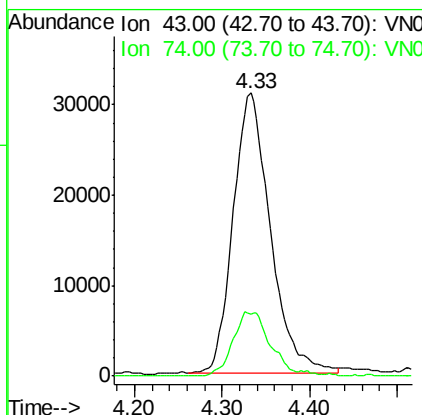
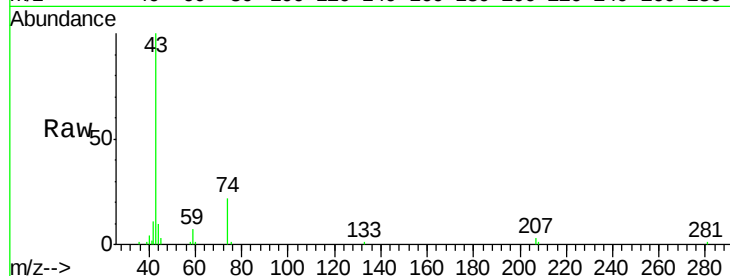




#18
Methvl Acetate
Concen: 7.27 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

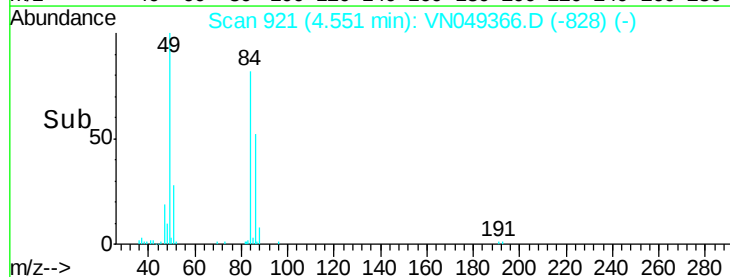
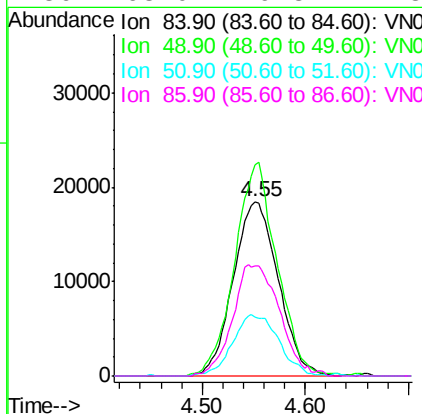
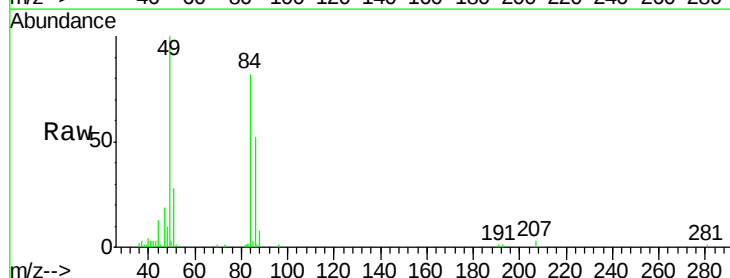
Instrument :
MSVOA_N
ClientSampleId :

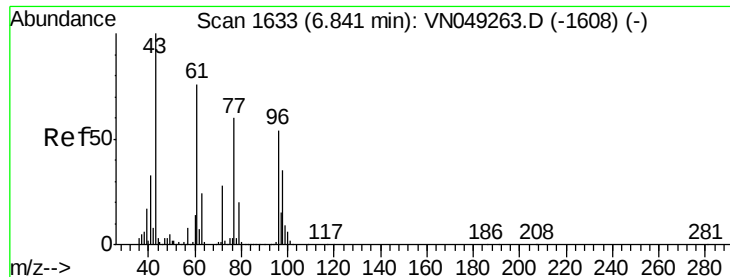
Tot Ion: 43 Resp: 91968
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.0#



#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

Tgt Ion: 84 Resp: 55922
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 34.0 32.7 49.1
86 63.0 49.8 74.8





#25

2-Butanone

Concen: 1.32 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

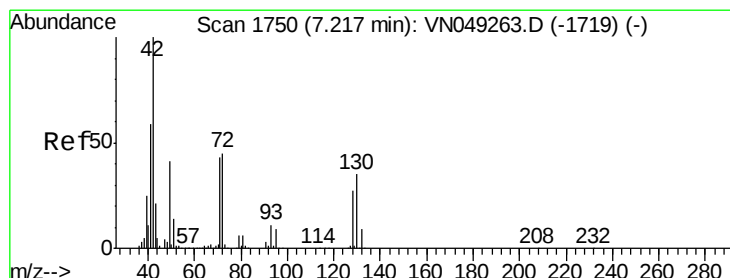
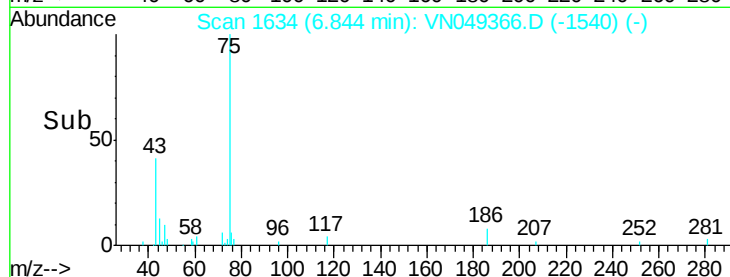
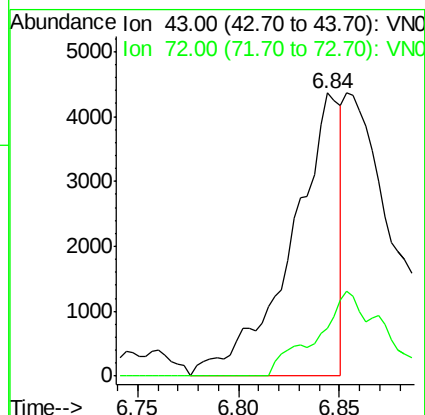
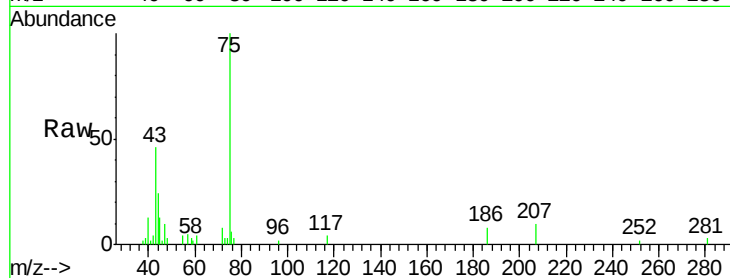
ClientSampleId :

Tot Ion: 43 Resp: 7361

Ion Ratio Lower Upper

43 100

72 17.1 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.82 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

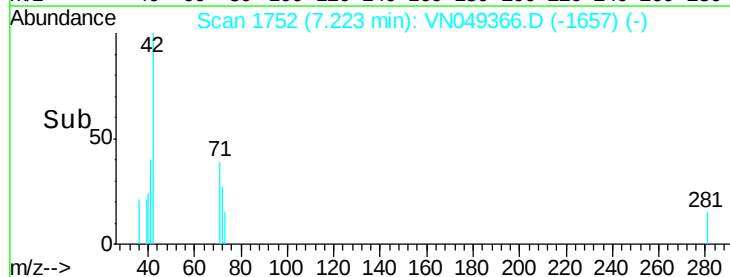
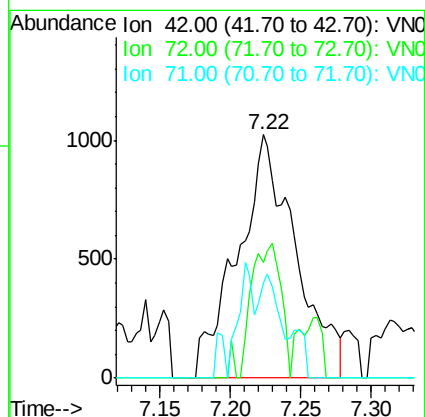
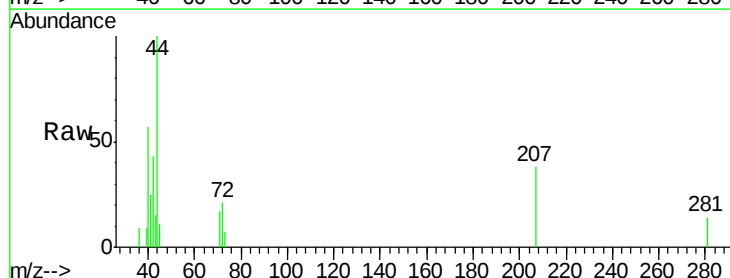
Tgt Ion: 42 Resp: 2943

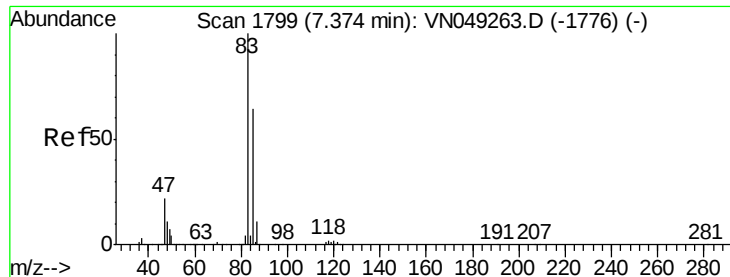
Ion Ratio Lower Upper

42 100

72 27.9 32.2 48.4#

71 7.4 30.5 45.7#





#30

Chloroform

Concen: 0.86 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

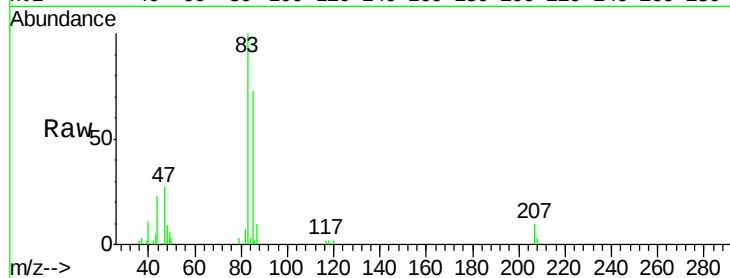
ClientSampled :

Tot Ion: 83 Resp: 25592

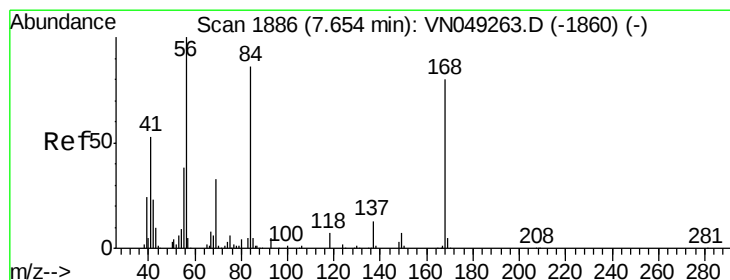
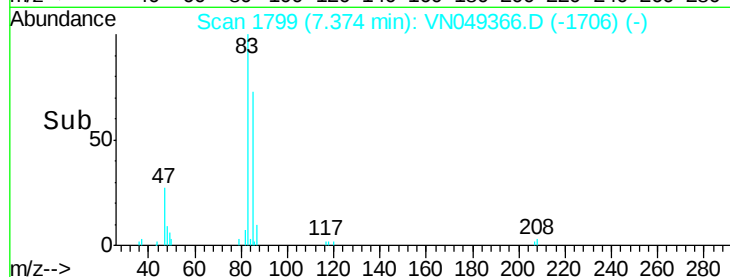
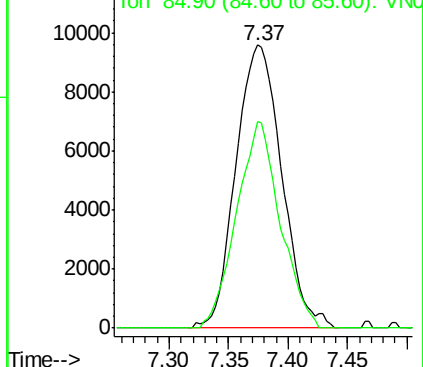
Ion Ratio Lower Upper

83 100

85 72.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049366.D (-1706) (-)



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

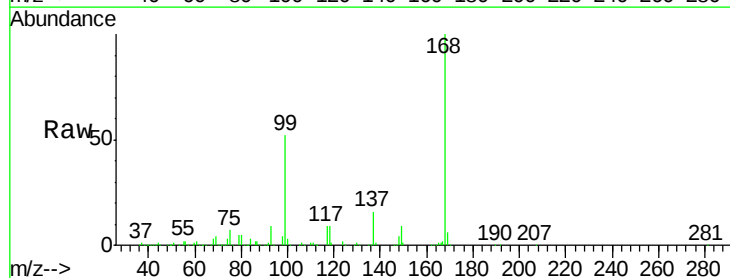
Tgt Ion: 56 Resp: 23536

Ion Ratio Lower Upper

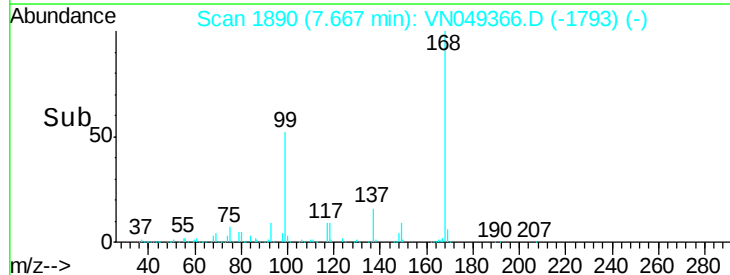
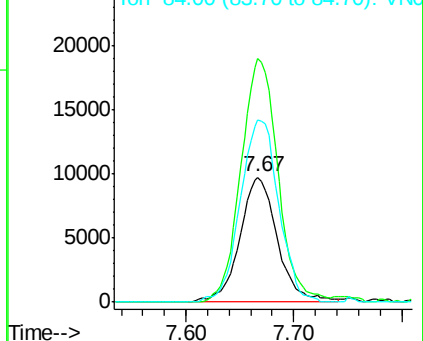
56 100

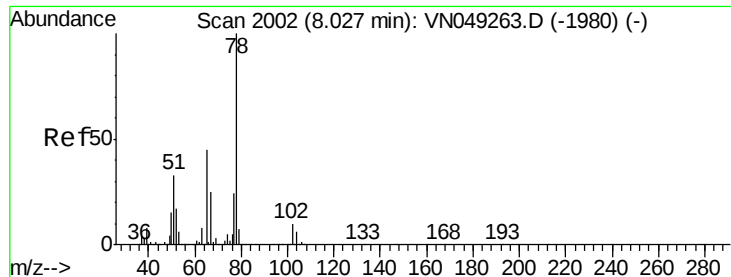
69 195.1 25.0 37.4#

84 145.9 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049366.D (-1793) (-)

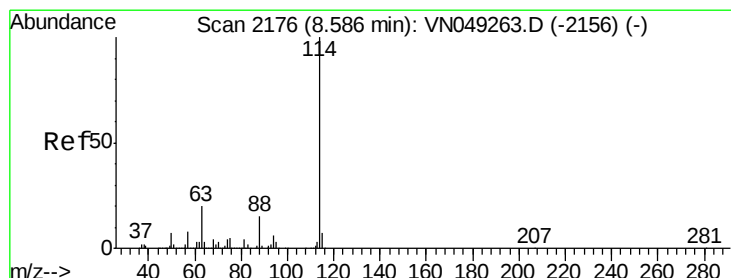
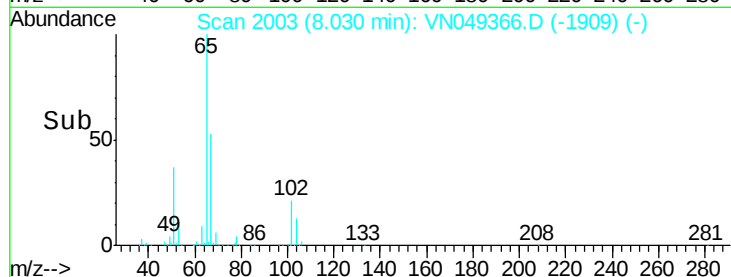
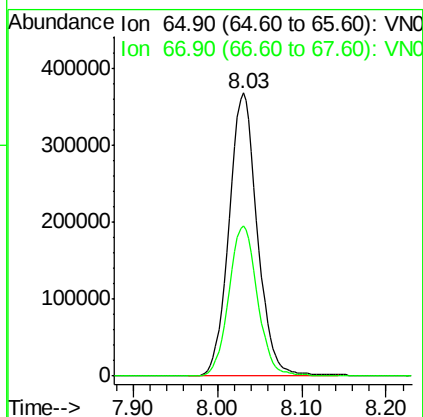
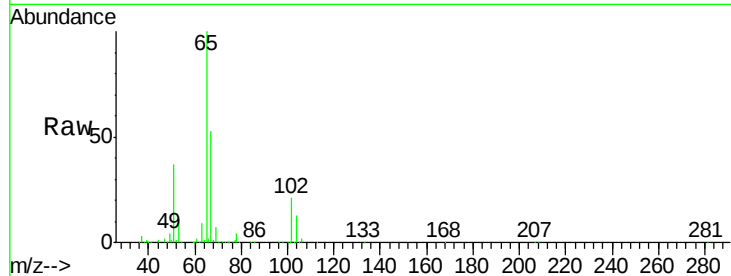




#33
 1,2-Dichloroethane-d4
 Concen: 50.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

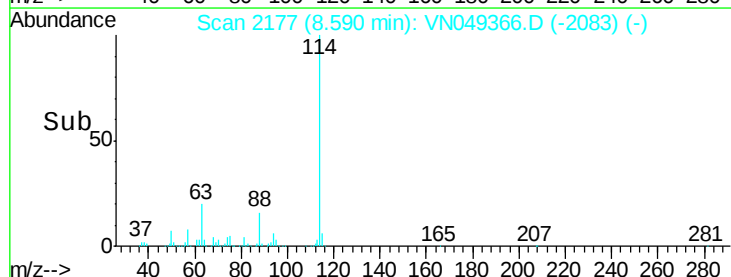
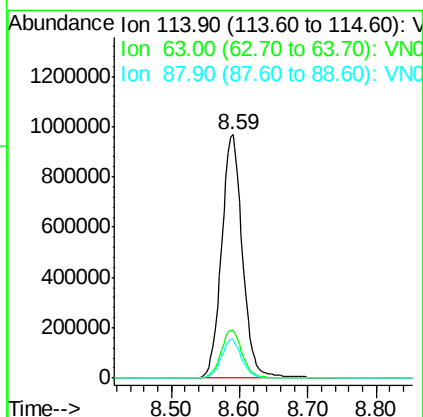
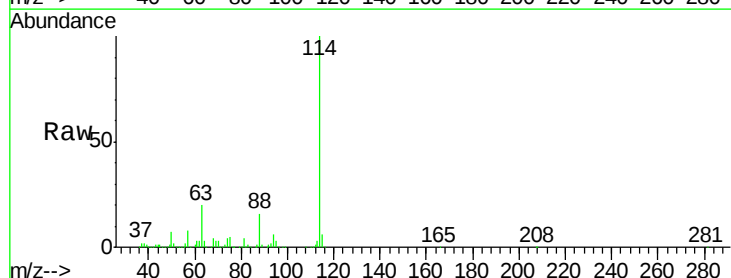
Instrument :
 MSVOA_N
 ClientSampleId :

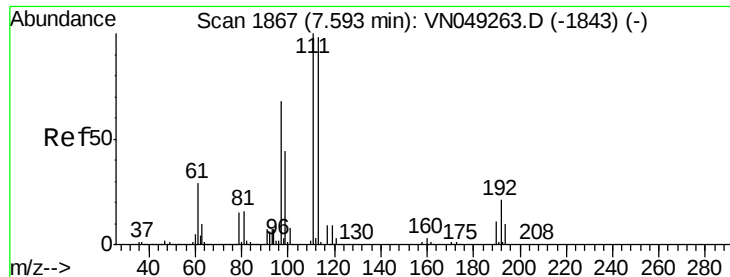
Tot Ion: 65 Resp: 861298
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Tgt Ion: 114 Resp: 2064733
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 44.4
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.34 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampleId :

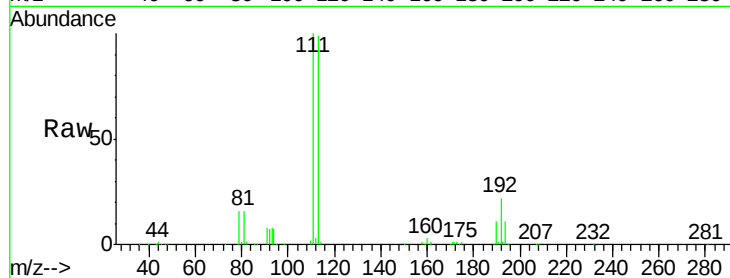
Tot Ion:113 Resp: 757373

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

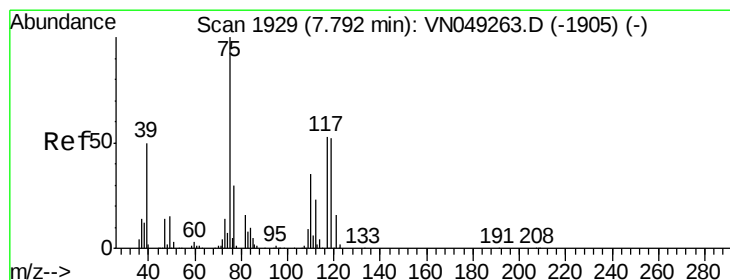
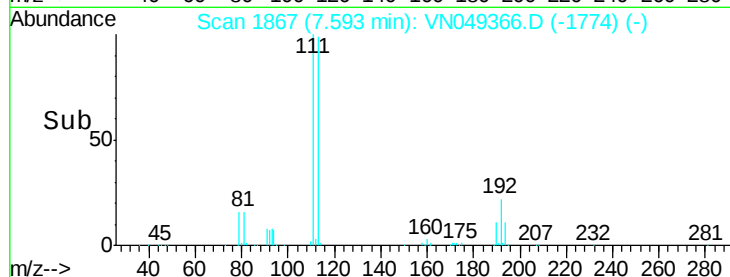
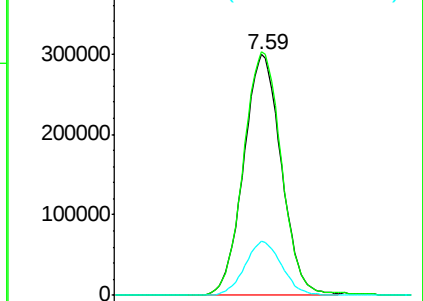
192 22.2 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

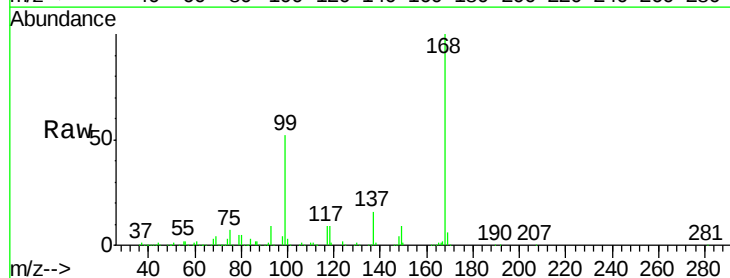
Tgt Ion: 75 Resp: 90269

Ion Ratio Lower Upper

75 100

110 2.8 17.0 50.9#

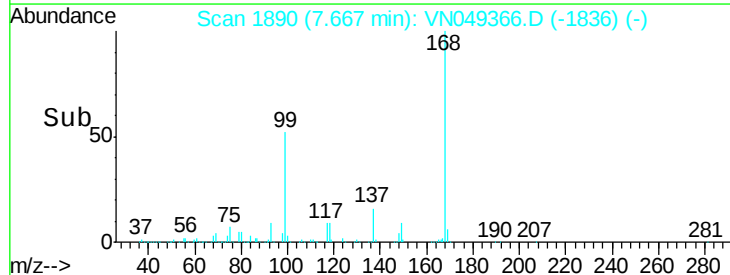
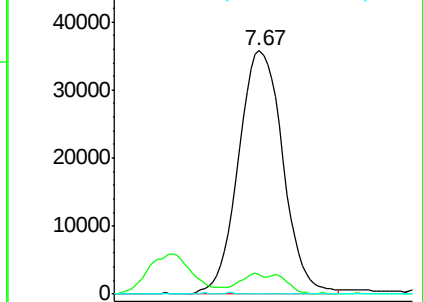
77 0.0 24.4 36.6#

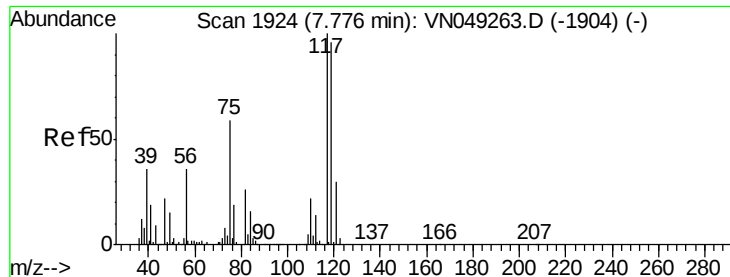


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampled :

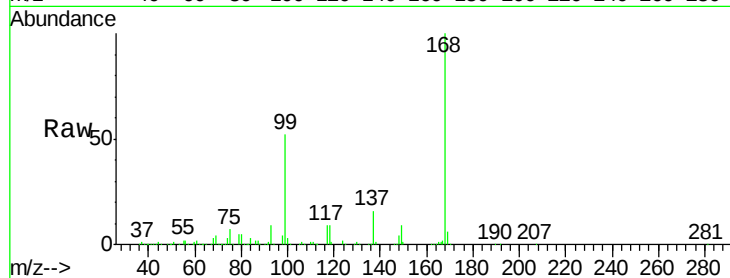
Tot Ion:117 Resp: 119089

Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

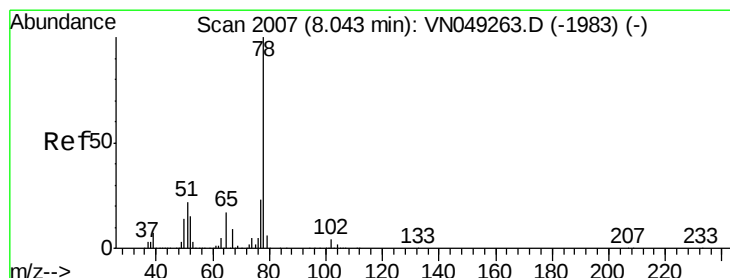
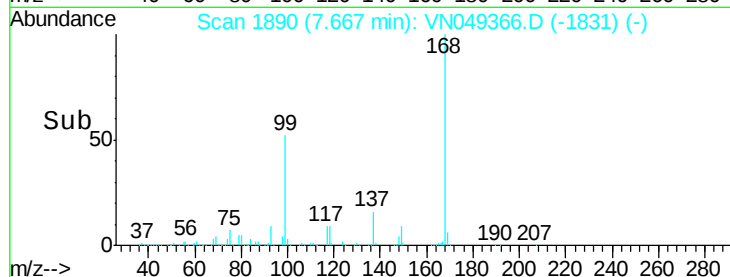
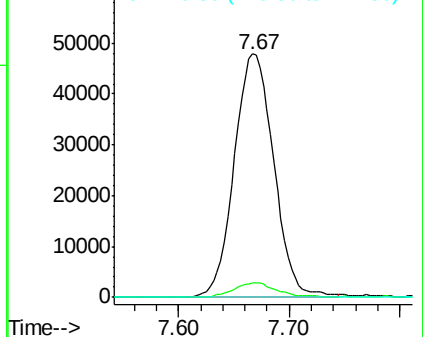
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.66 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049366.D

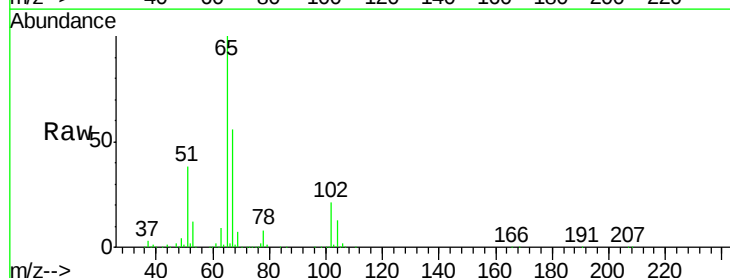
Acq: 19 Jun 2018 1:58

Tgt Ion: 78 Resp: 48020

Ion Ratio Lower Upper

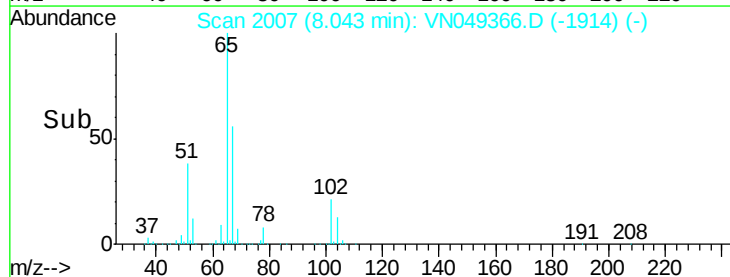
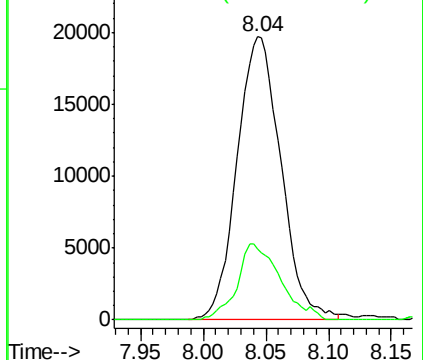
78 100

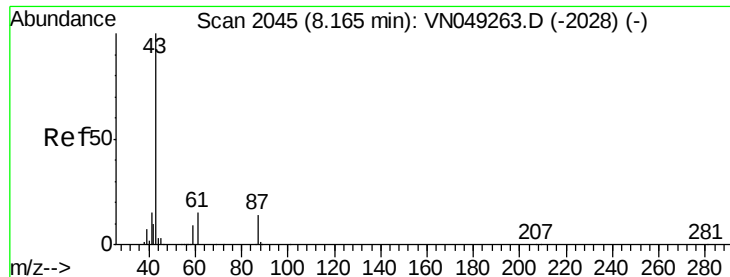
77 25.2 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



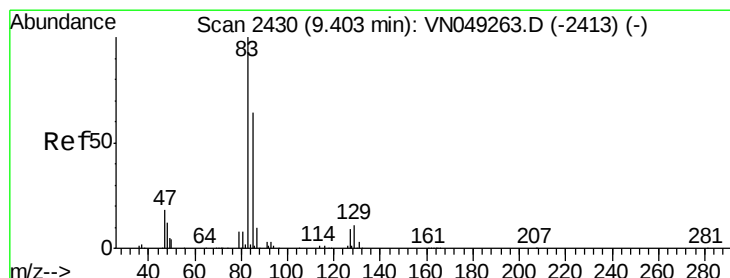
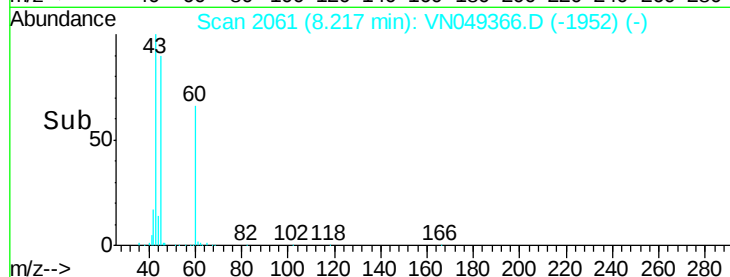
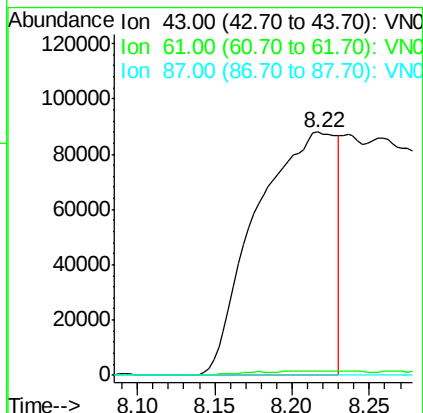
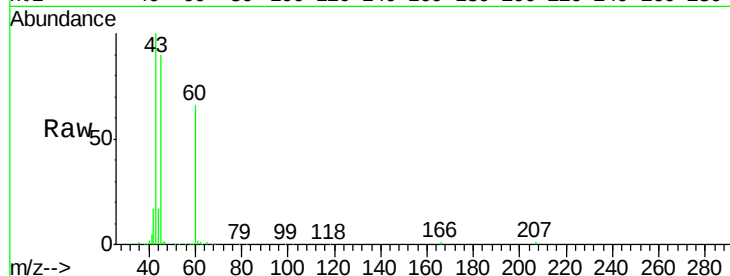


#43

Isopropyl Acetate
 Concen: 12.83 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.05 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Instrument :
 MSVOA_N
 ClientSampled :

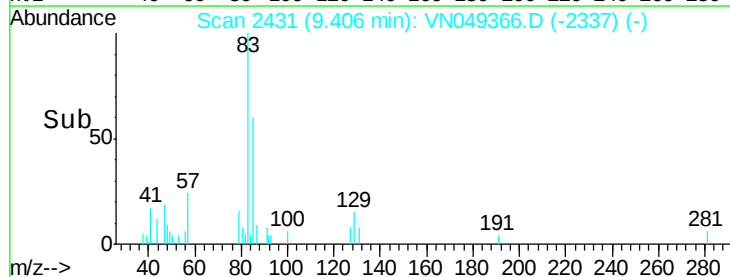
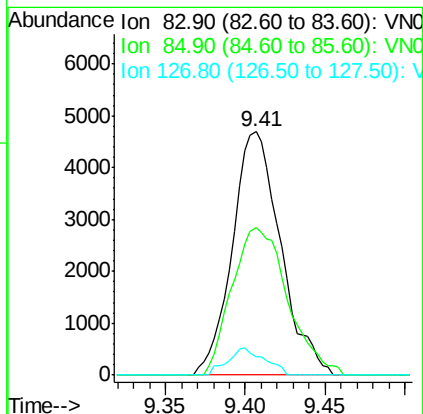
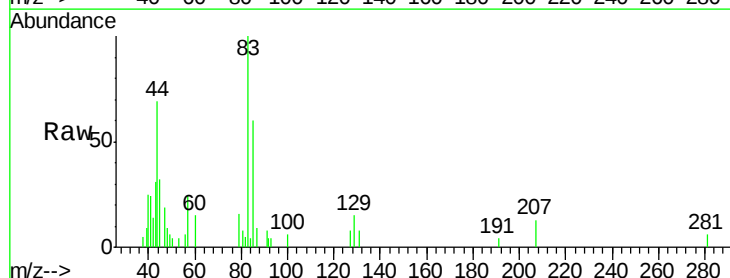
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.2	14.2	21.4#
87	0.0	9.4	14.0#

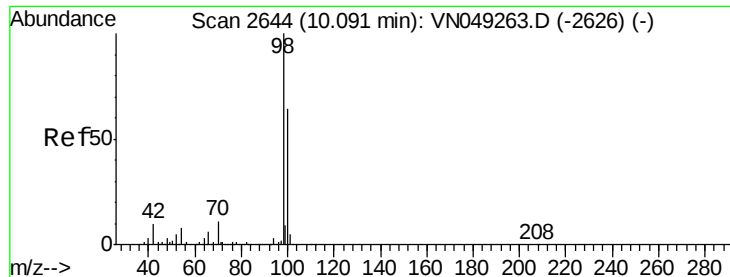


#47

Bromodichloromethane
 Concen: 0.40 ug/l
 RT: 9.41 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	49.4	74.0
127	7.5	6.3	9.5





#50

Toluene-d8

Concen: 44.02 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

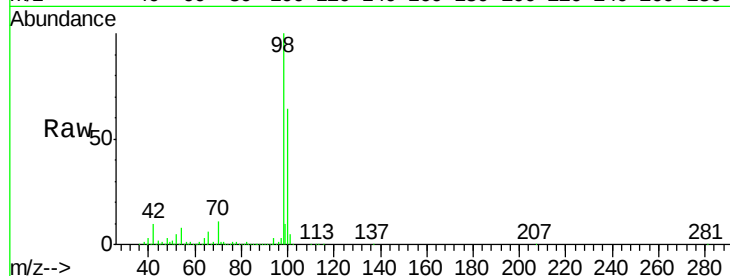
ClientSampled :

Tot Ion: 98 Resp: 2800118

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.8



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

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

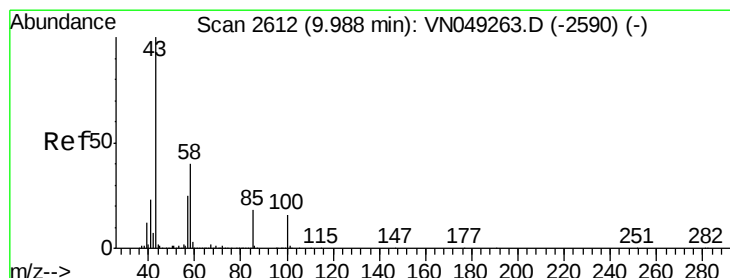
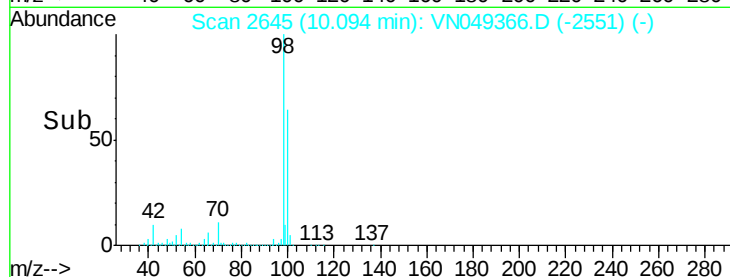
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.58 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049366.D

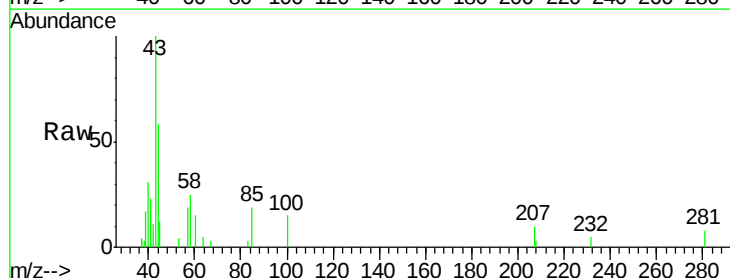
Acq: 19 Jun 2018 1:58

Tgt Ion: 43 Resp: 7420

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



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

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

5000

4000

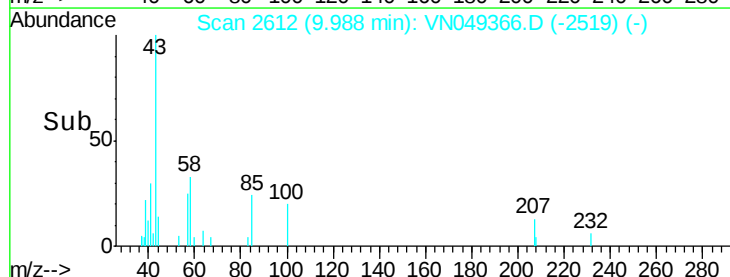
3000

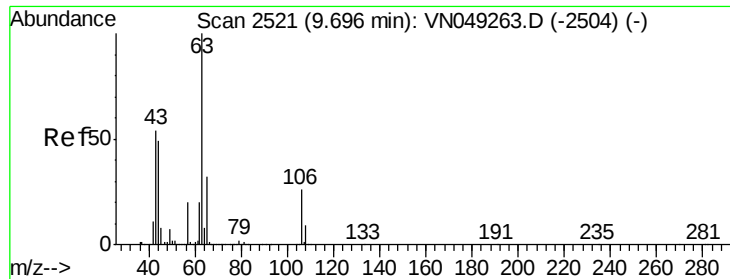
2000

1000

0

Time-->

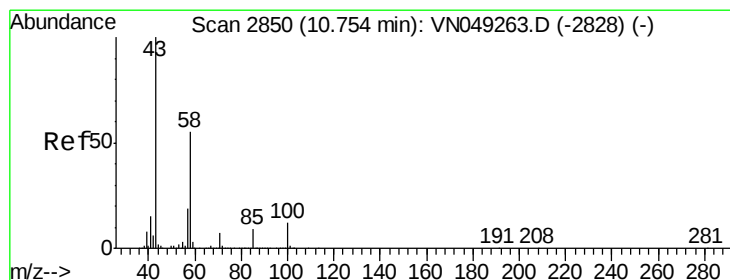
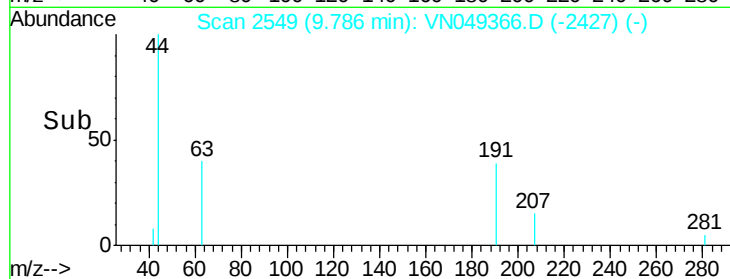
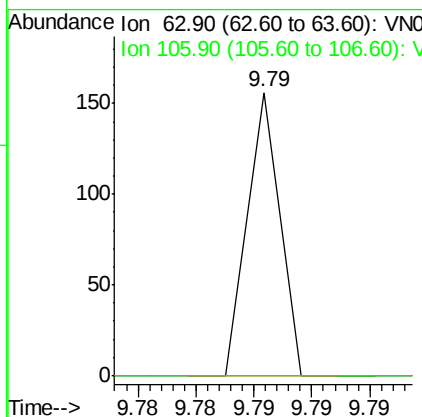
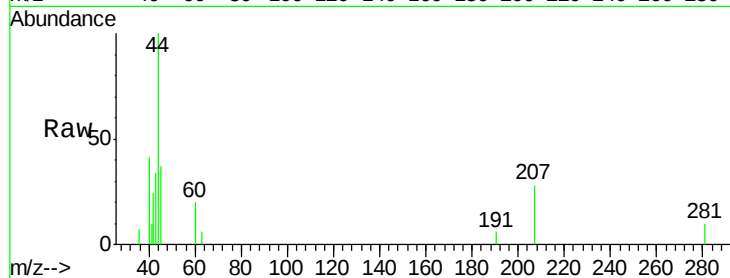




#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.79 min Scan# 2549
Delta R.T. 0.09 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

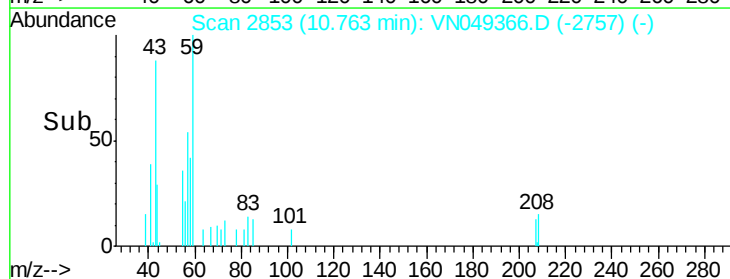
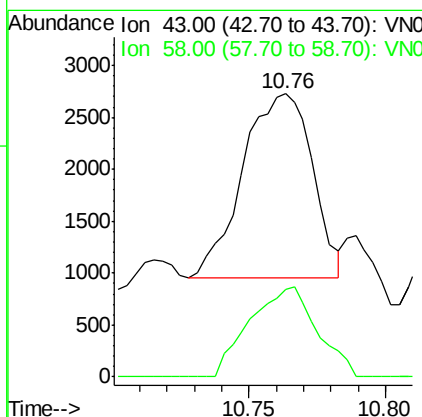
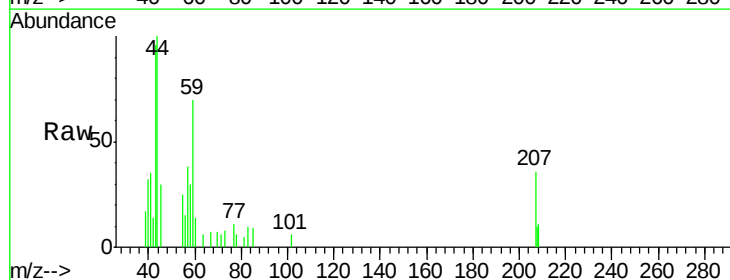
Instrument :
MSVOA_N
ClientSampleId :

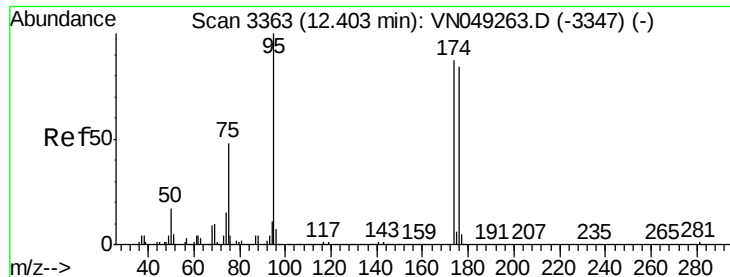
Tot Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#



#59
2-Hexanone
Concen: 0.38 ug/l
RT: 10.76 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
58 47.0 25.2 75.6





#62

4-Bromofluorobenzene

Concen: 35.41 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampled :

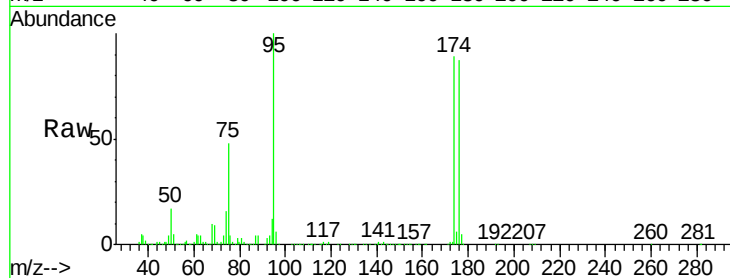
Tot Ion: 95 Resp: 744678

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 86.1 0.0 157.4



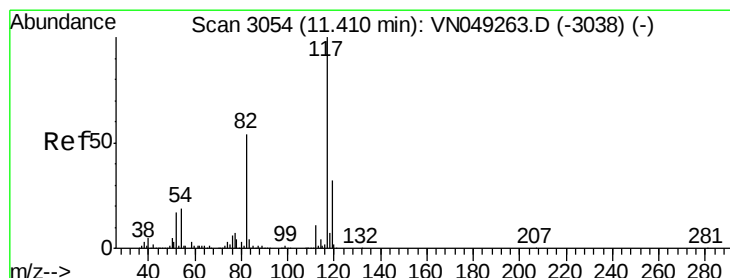
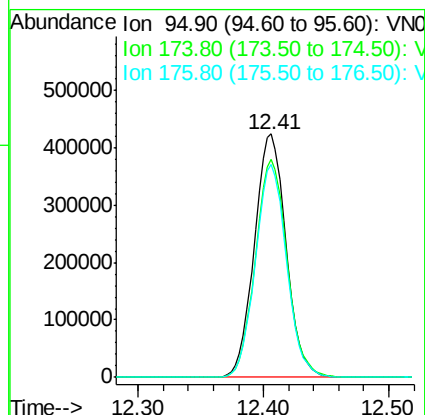
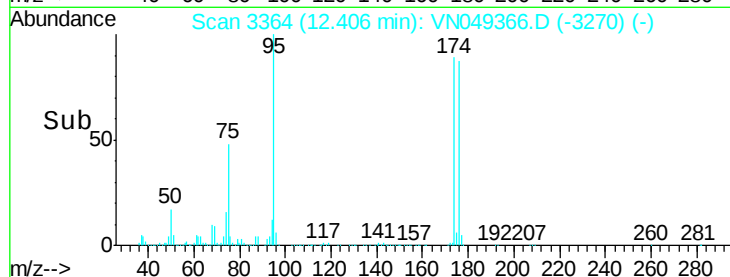
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

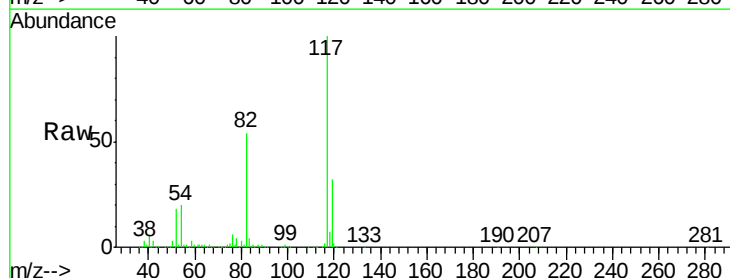
Tgt Ion: 117 Resp: 1710857

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

119 32.1 25.5 38.3



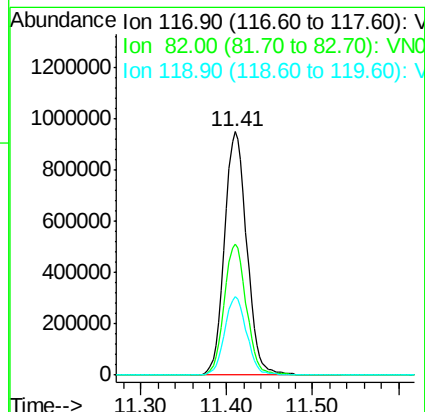
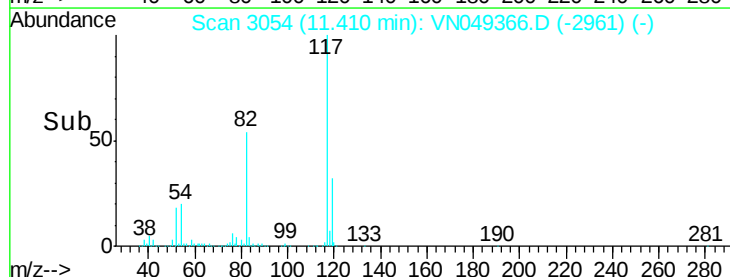
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

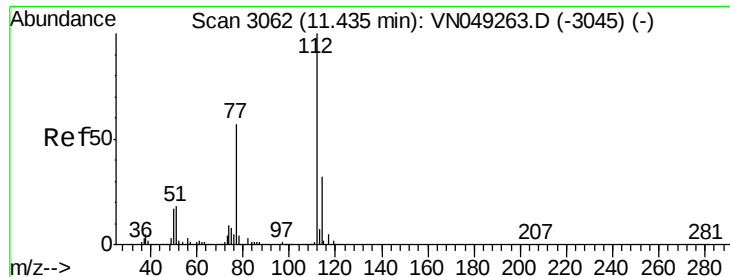
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

11.41

Time-->





#65

Chlorobenzene

Concen: 0.25 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

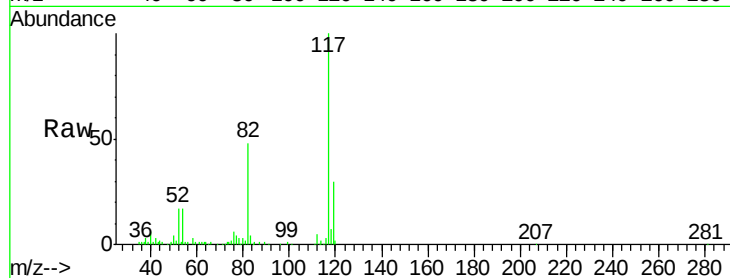
ClientSampleId :

Tot Ion:112 Resp: 11224

Ion Ratio Lower Upper

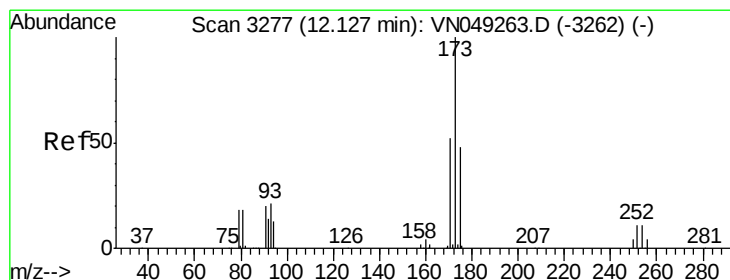
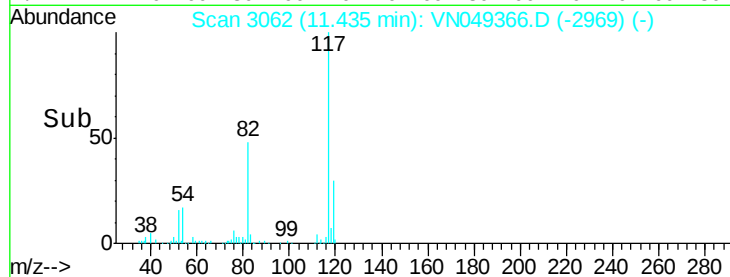
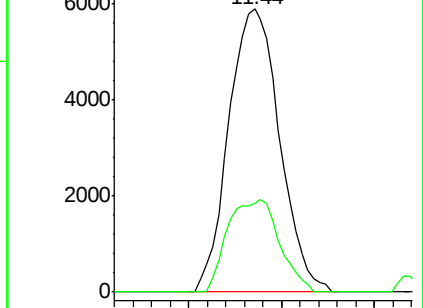
112 100

114 31.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

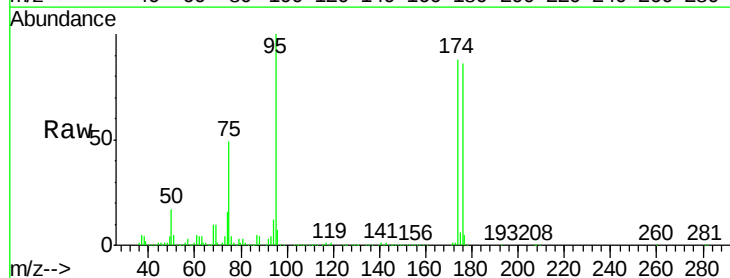
Tgt Ion:173 Resp: 5577

Ion Ratio Lower Upper

173 100

175 666.6 24.5 73.5#

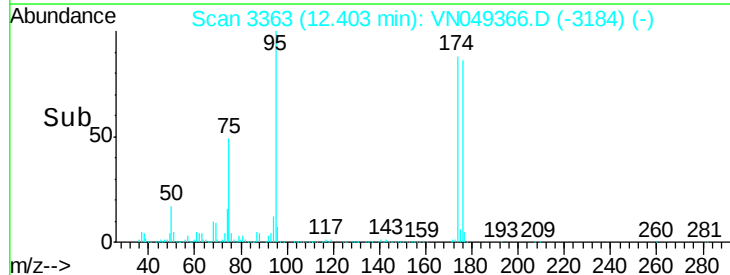
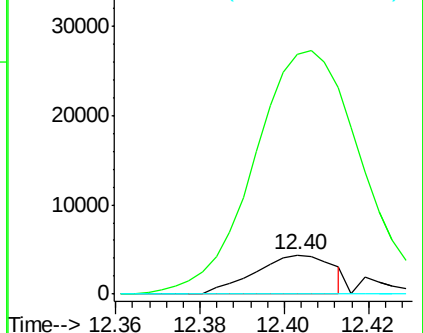
254 0.0 0.1 0.1#

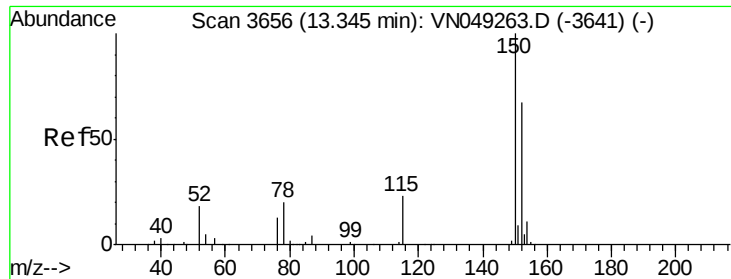


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampleId :

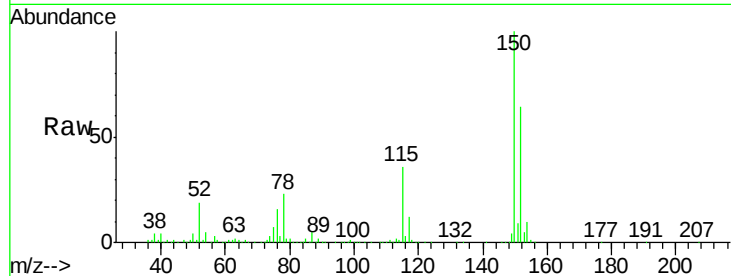
Tot Ion:152 Resp: 532556

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

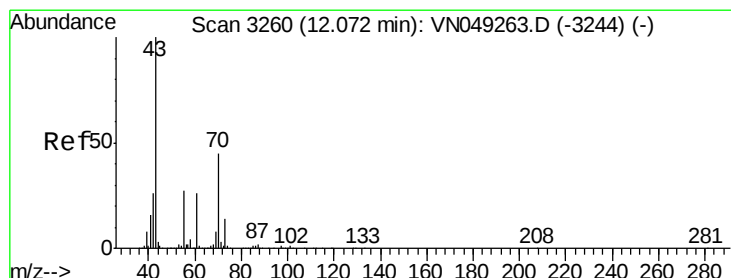
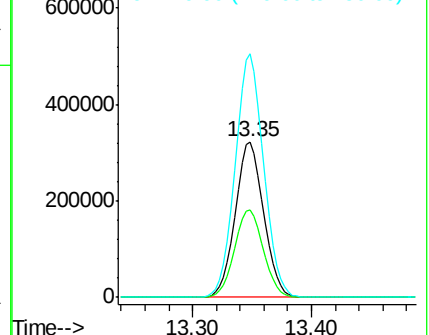
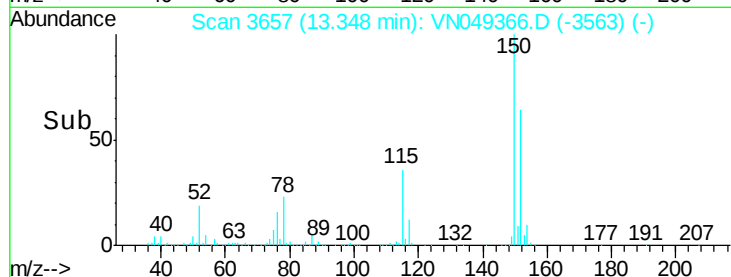
150 156.9 0.0 351.0



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-ethyl acetate

Concen: 0.29 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Tgt Ion: 43 Resp: 3293

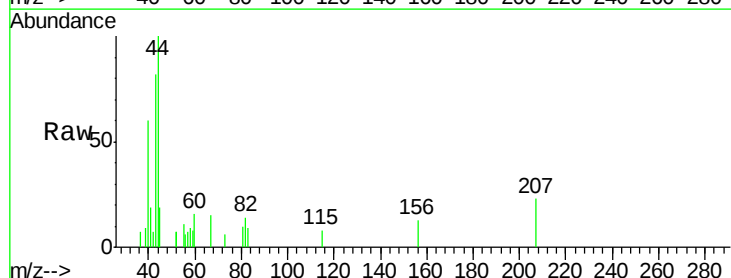
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 9.2 19.4 29.2#

61 0.0 17.8 26.6#

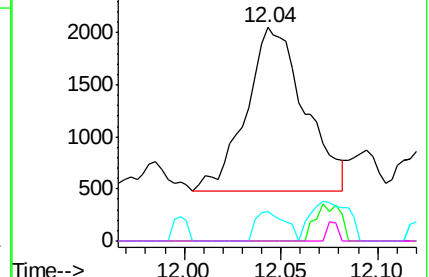
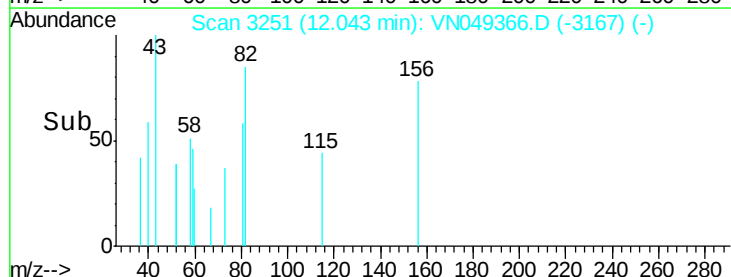


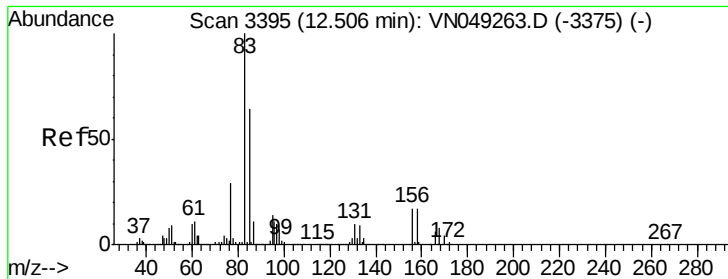
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampled :

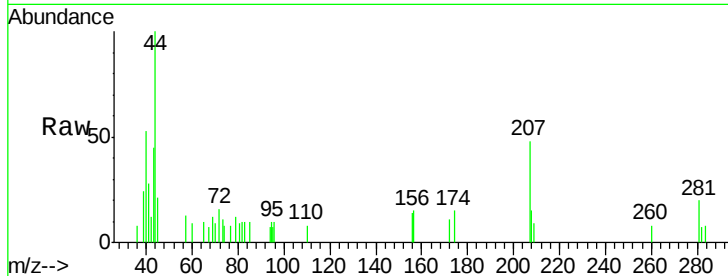
Tot Ion: 83 Resp: 147

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

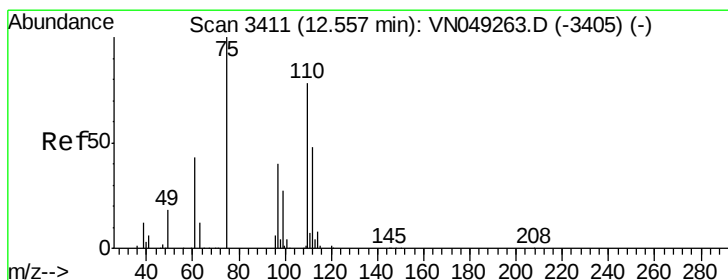
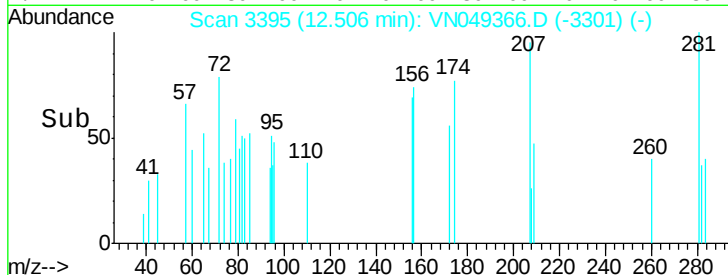
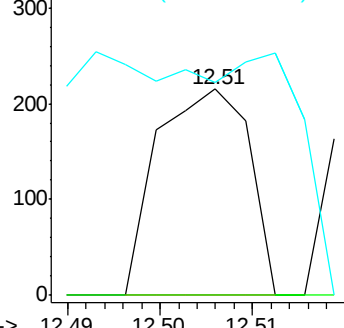
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 39.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049366.D

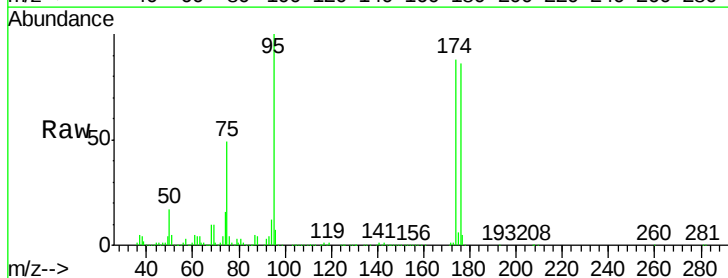
Acq: 19 Jun 2018 1:58

Tgt Ion: 75 Resp: 361167

Ion Ratio Lower Upper

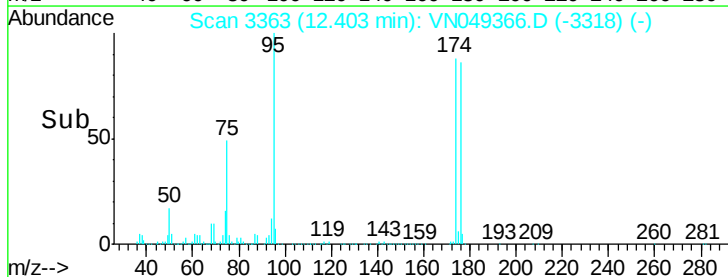
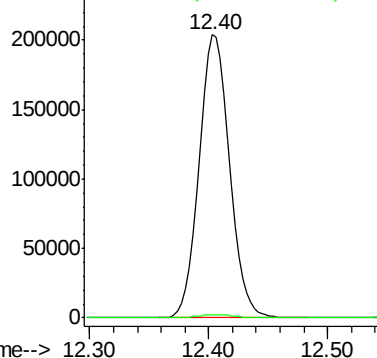
75 100

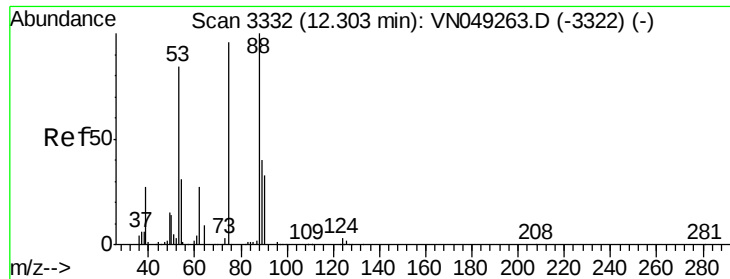
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

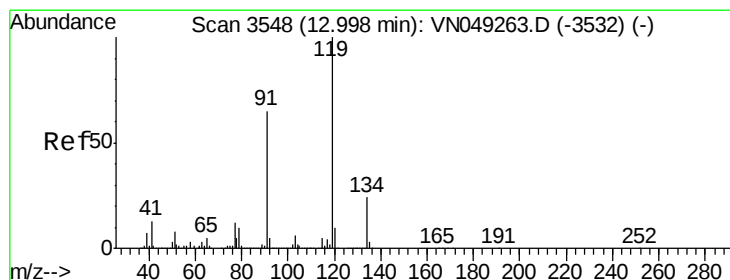
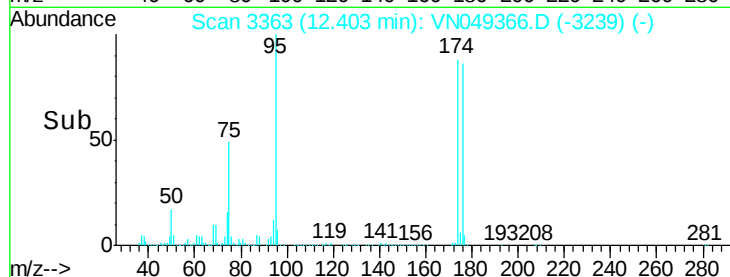
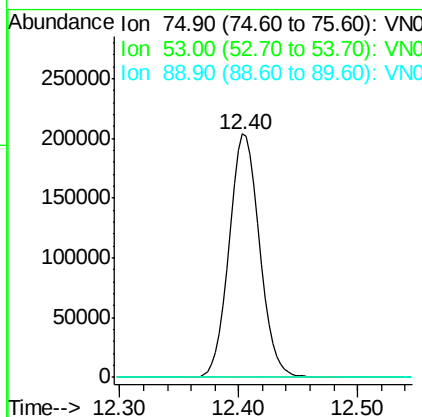
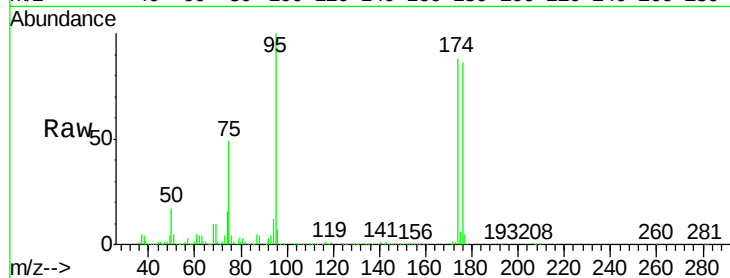




#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.62 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

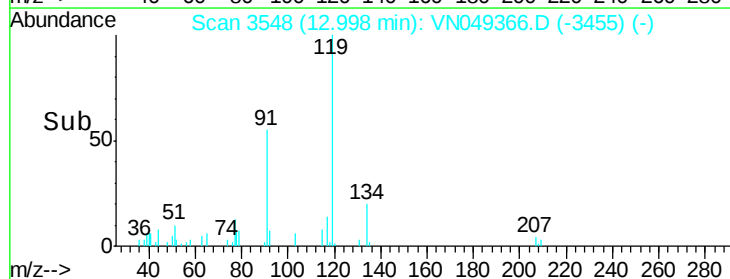
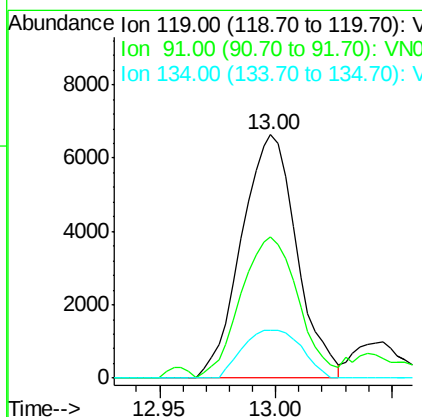
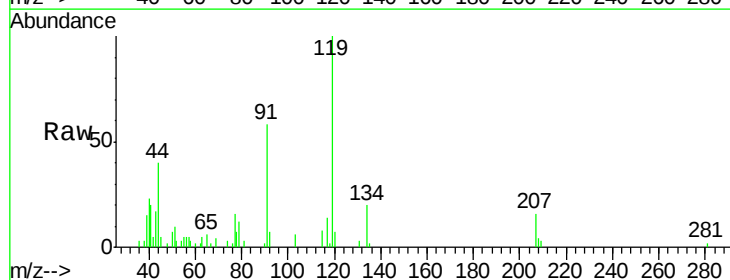
Instrument :
 MSVOA_N
 ClientSampleId :

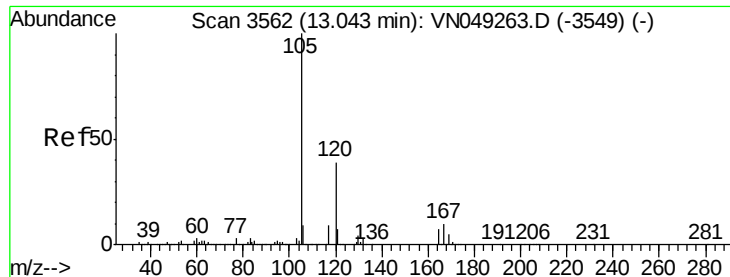
Tot Ion: 75 Resp: 361167
 Ion Ratio Lower Upper
 75 100
 53 0.3 82.7 124.1#
 89 0.1 36.5 54.7#



#83
 tert-Butylbenzene
 Concen: 0.34 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Tgt Ion: 119 Resp: 10960
 Ion Ratio Lower Upper
 119 100
 91 60.7 33.7 101.0
 134 21.2 12.9 38.6





#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

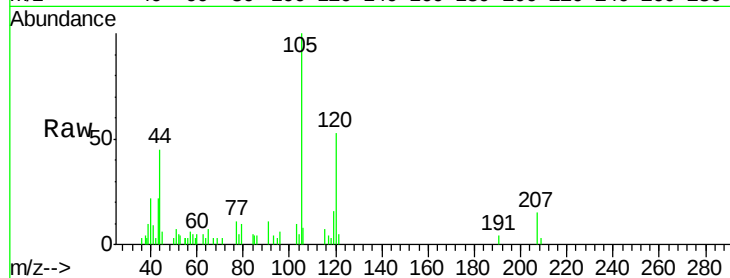
ClientSampleId :

Tot Ion:105 Resp: 9854

Ion Ratio Lower Upper

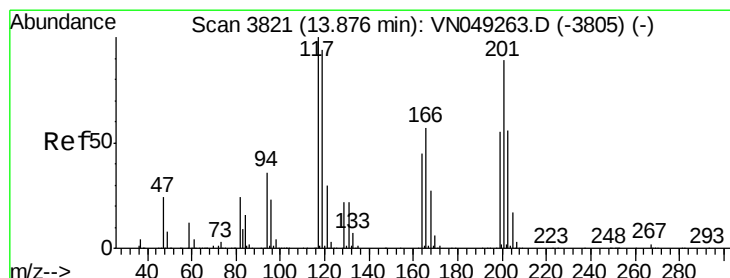
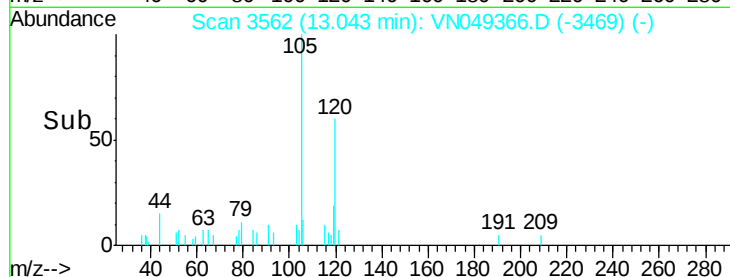
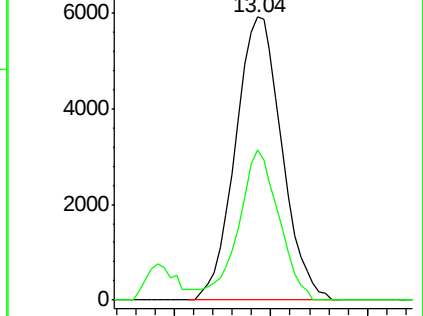
105 100

120 46.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049366.D

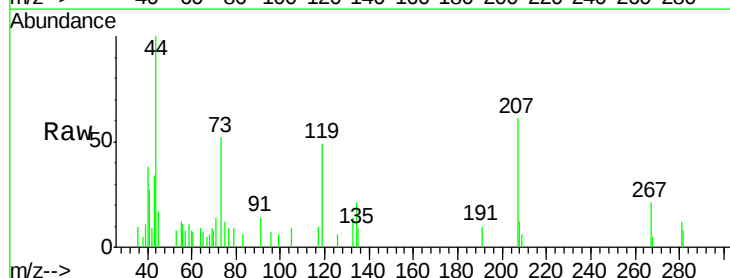
Acq: 19 Jun 2018 1:58

Tgt Ion:117 Resp: 181

Ion Ratio Lower Upper

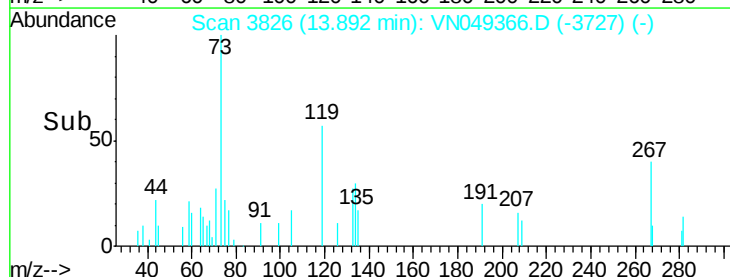
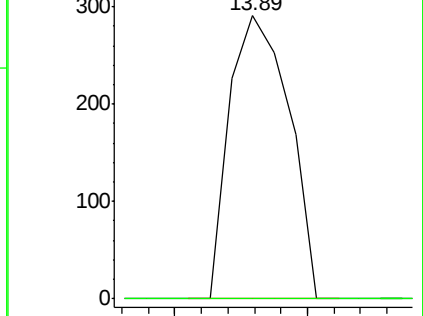
117 100

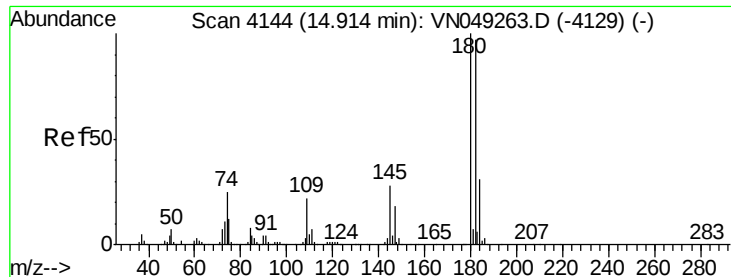
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

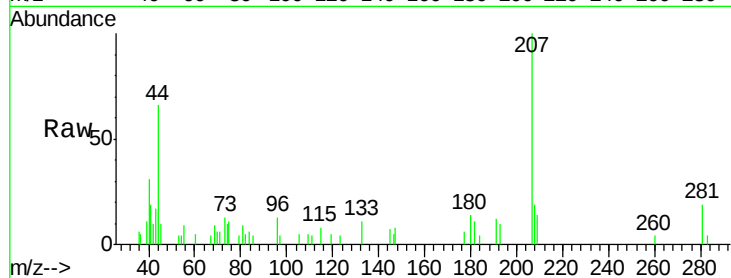




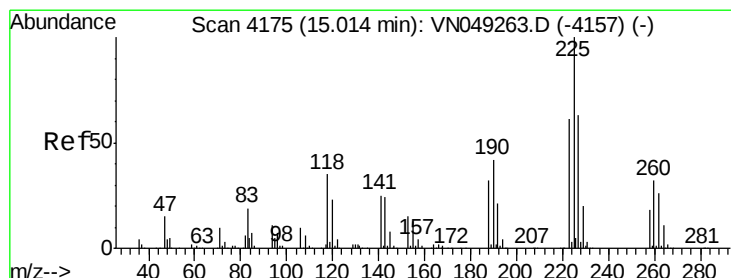
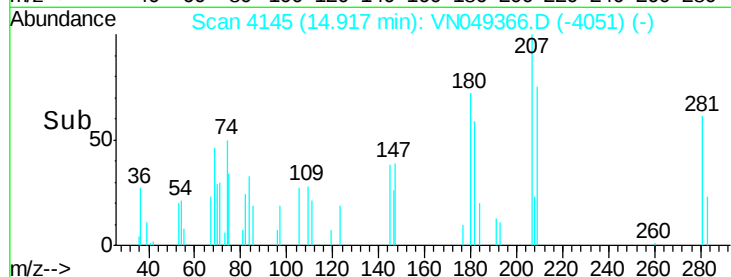
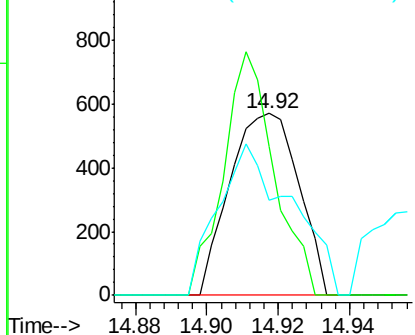
#93
 1,2,4-Trichlorobenzene
 Concen: 4.82 ua/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 761
 Ion Ratio Lower Upper
 180 100
 182 98.3 46.9 140.8
 145 88.6 14.7 44.1#

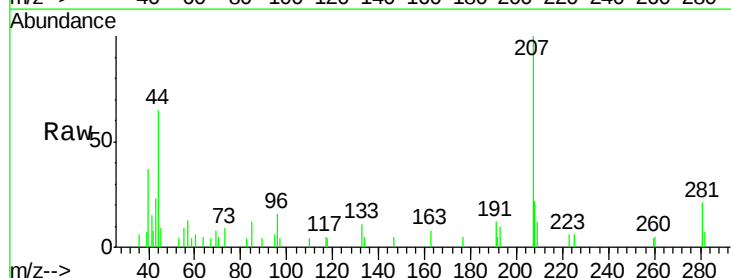


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

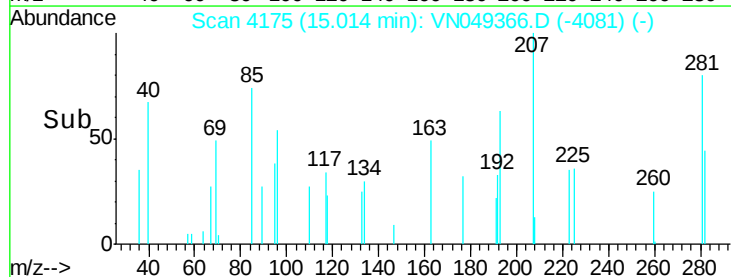
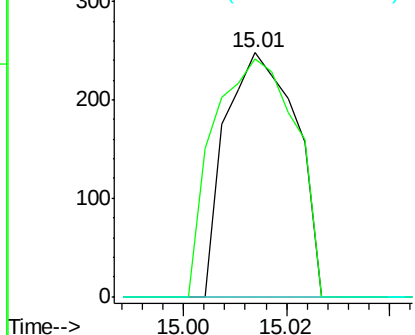


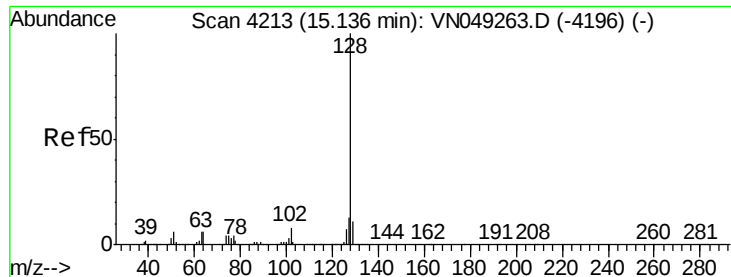
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049366.D
 Acq: 19 Jun 2018 1:58

Tgt Ion:225 Resp: 235
 Ion Ratio Lower Upper
 225 100
 223 114.0 32.1 96.3#
 227 0.0 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: 12.76 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampleId :

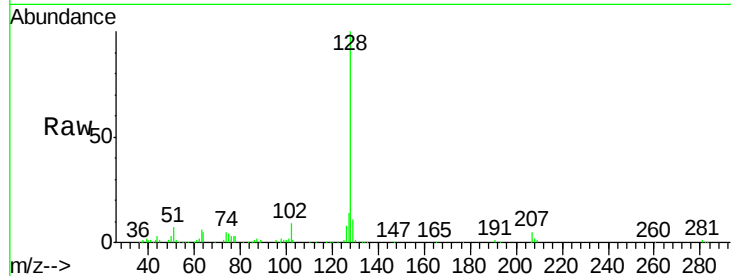
Tot Ion:128 Resp: 162613

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

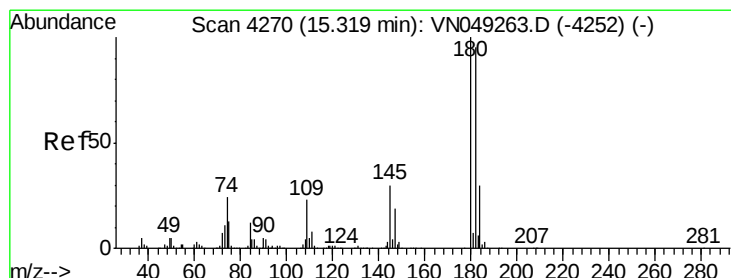
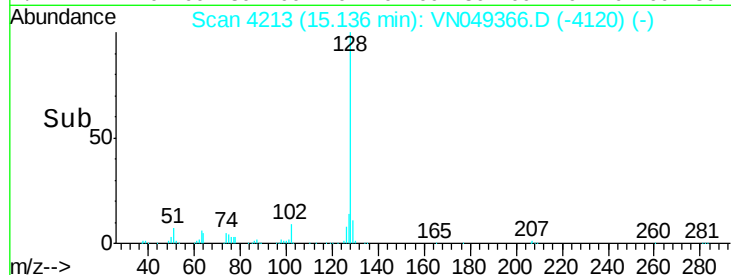
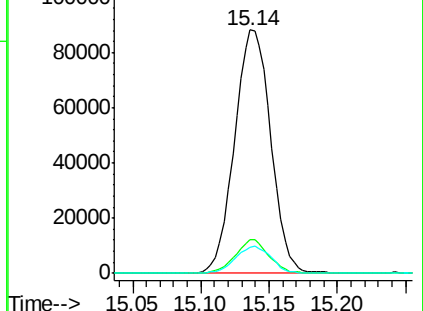
129 11.1 8.5 12.7



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: 3.57 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.01 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

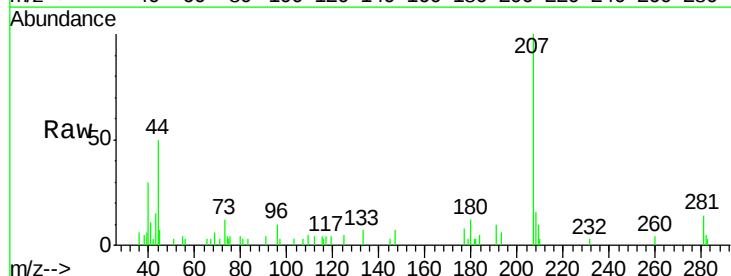
Tgt Ion:180 Resp: 1060

Ion Ratio Lower Upper

180 100

182 49.3 47.3 141.8

145 40.9 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

