

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049306.D
 Acq On : 16 Jun 2018 12:27
 Operator : MD\SY
 Sample : J3498-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:17:08 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	1165289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1869798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1536121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	774060	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.59	113	693209	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2551348	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.40	95	625938	32.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.74%	

Target Compounds

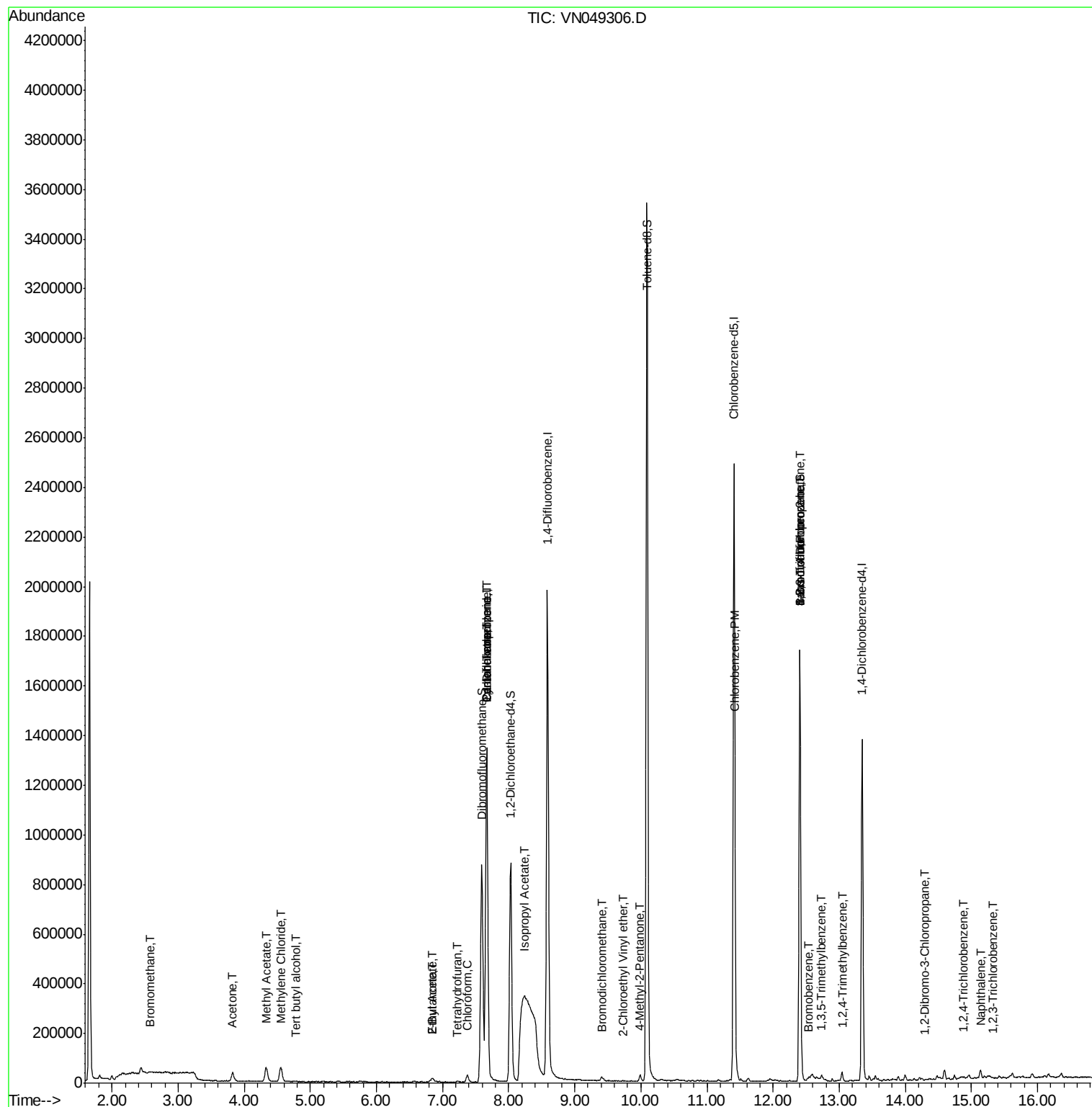
						Qvalue
5) Bromomethane	2.57	94	2128	0.22	ug/l	87
11) Tert butyl alcohol	4.78	59	188	0.21	ug/l #	70
16) Acetone	3.82	43	57955	15.44	ug/l	97
18) Methyl Acetate	4.33	43	110625	9.67	ug/l	96
20) Methylene Chloride	4.55	84	42643	2.72	ug/l	89
25) 2-Butanone	6.86	43	15732	3.12	ug/l	97
29) Tetrahydrofuran	7.22	42	2170	0.67	ug/l	92
30) Chloroform	7.37	83	28588	1.07	ug/l	94
31) Cyclohexane	7.66	56	21257	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	80834	3.77	ug/l #	50
37) Ethyl Acetate	6.86	43	15732	1.35	ug/l #	72
38) Carbon Tetrachloride	7.67	117	105561	4.76	ug/l #	17
43) Isopropyl Acetate	8.24	43	698890	31.40	ug/l #	64
47) Bromodichloromethane	9.40	83	10206	0.47	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	16001	1.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.72	63	30	14.33	ug/l #	51
65) Chlorobenzene	11.43	112	10191	0.26	ug/l	100
71) Bromoform	12.40	173	4515	0.47	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.53	83	83	Below	Cal #	70
76) 1,2,3-Trichloropropane	12.40	75	299764	43.34	ug/l #	100
77) Bromobenzene	12.53	156	5649	0.60	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	5911	0.21	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.40	75	299764	136.98	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	20178	0.73	ug/l	99
90) Hexachloroethane	13.89	117	893	Below	Cal #	14
92) 1,2-Dibromo-3-Chloropropan	14.28	75	249	0.20	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.89	180	34	4.75	ug/l #	1
95) Naphthalene	15.14	128	29739	4.71	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	73	3.47	ug/l #	1

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

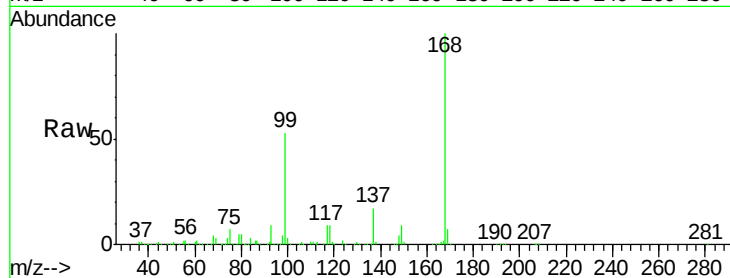
ClientSampleId :

Tot Ion:168 Resp: 1165289

Ion Ratio Lower Upper

168 100

99 53.3 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

500000

400000

300000

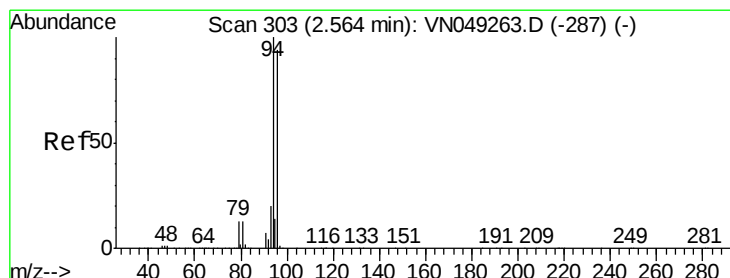
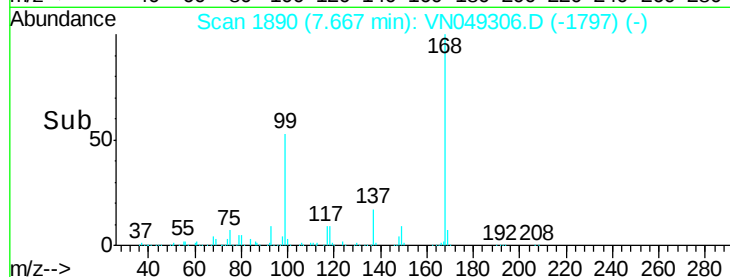
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.22 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049306.D

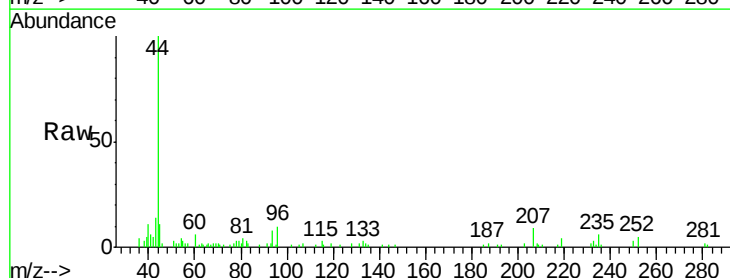
Acq: 16 Jun 2018 12:27

Tgt Ion: 94 Resp: 2128

Ion Ratio Lower Upper

94 100

96 103.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

1500

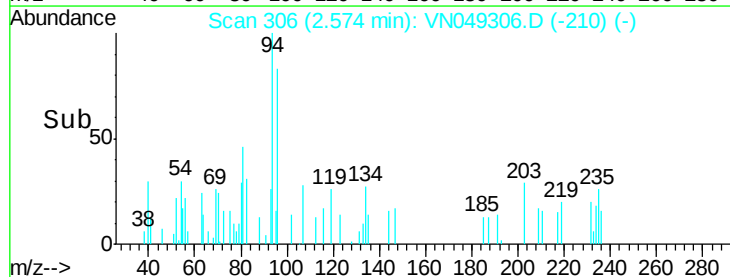
1000

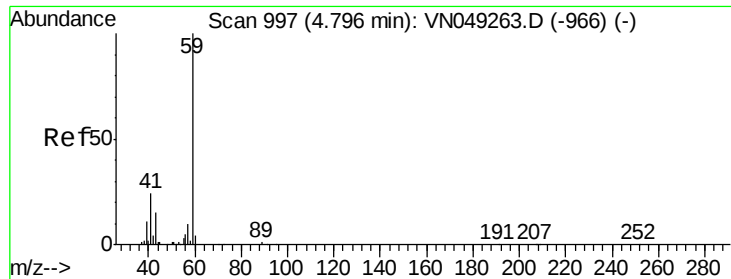
500

0

Time-->

2.55 2.60

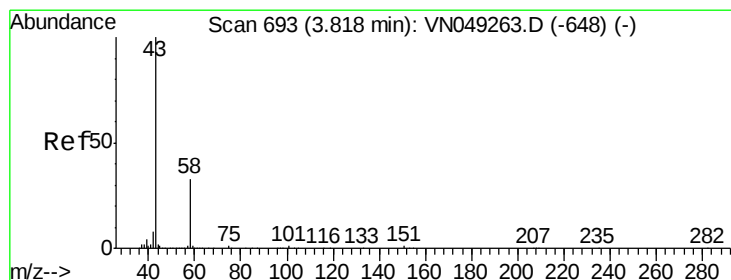
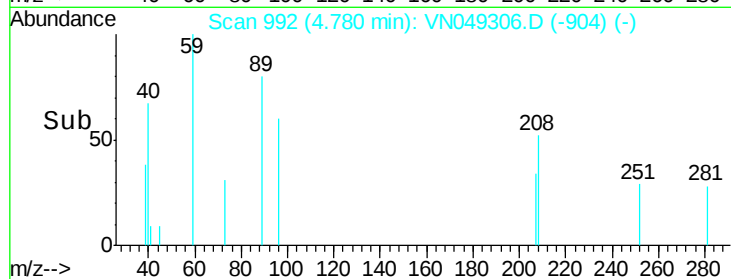
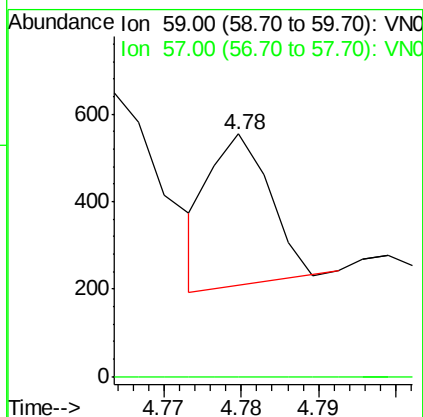
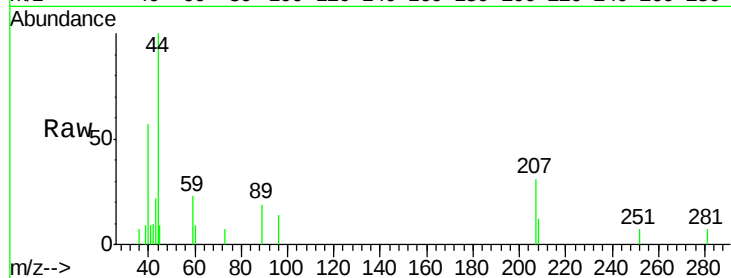




#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 4.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

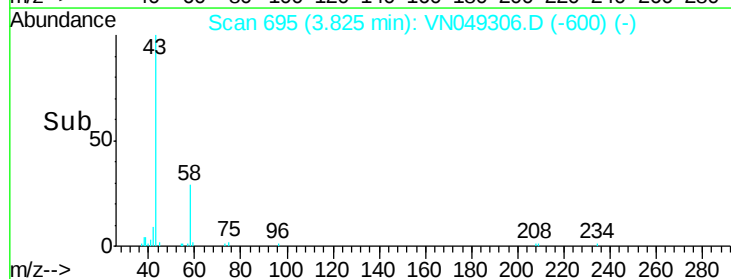
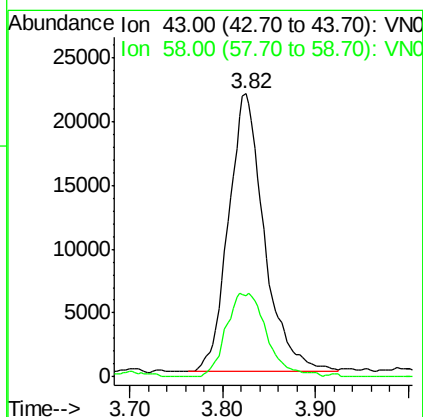
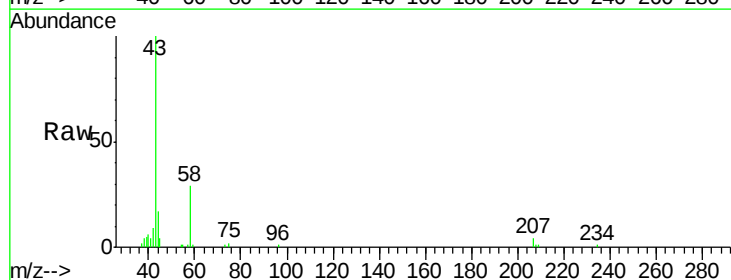
Instrument :
MSVOA_N
ClientSampled :

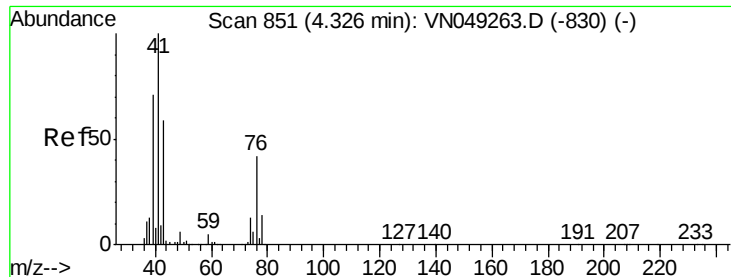
Tot Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#16
Acetone
Concen: 15.44 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 43 Resp: 57955
Ion Ratio Lower Upper
43 100
58 29.4 22.4 33.6

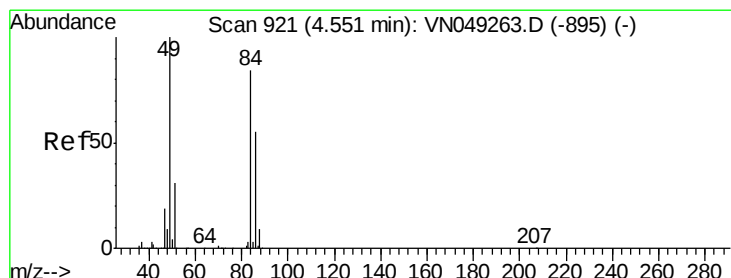
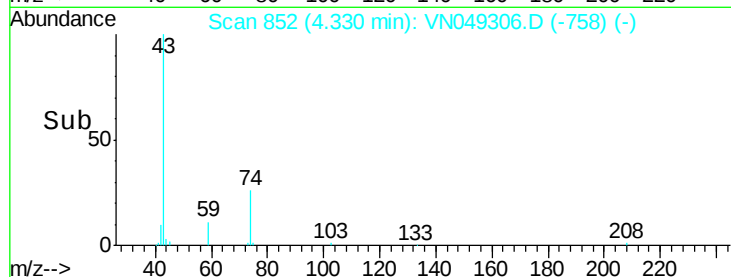
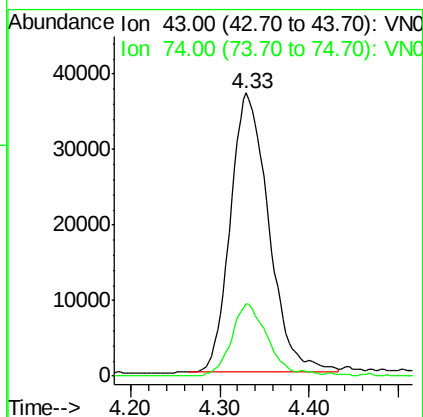
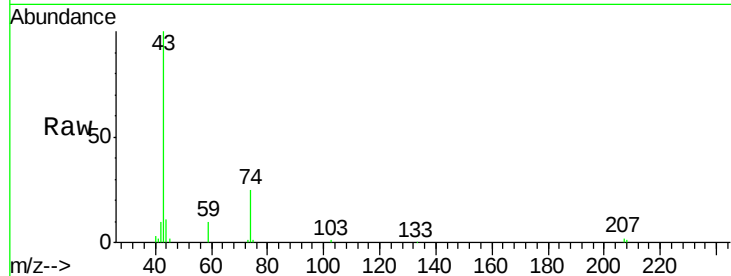




#18
Methvl Acetate
Concen: 9.67 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

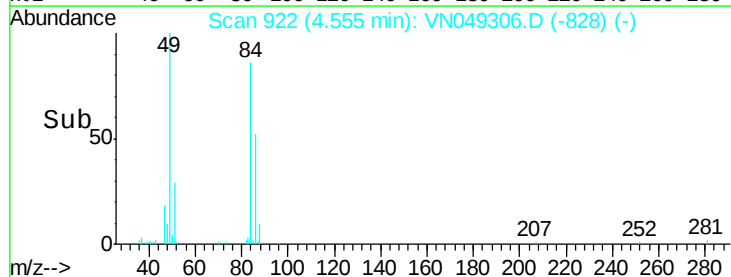
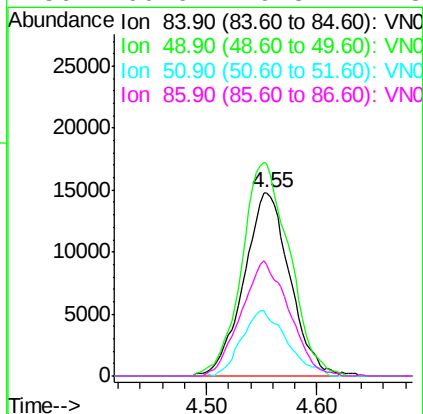
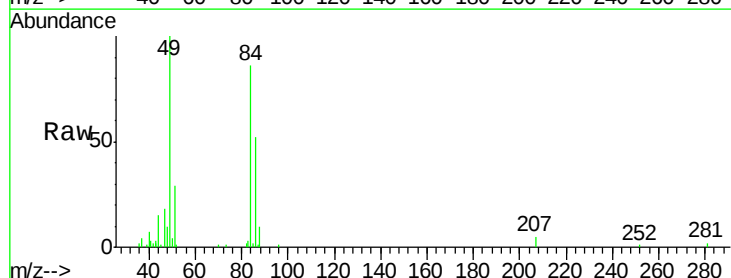
Instrument :
MSVOA_N
ClientSampleId :

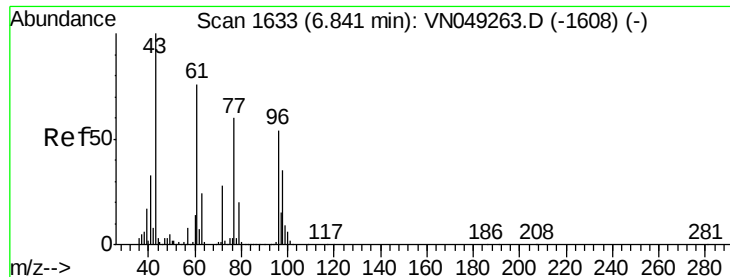
Tot Ion: 43 Resp: 110625
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.0



#20
Methylene Chloride
Concen: 2.72 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 84 Resp: 42643
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 33.1 32.7 49.1
86 60.6 49.8 74.8

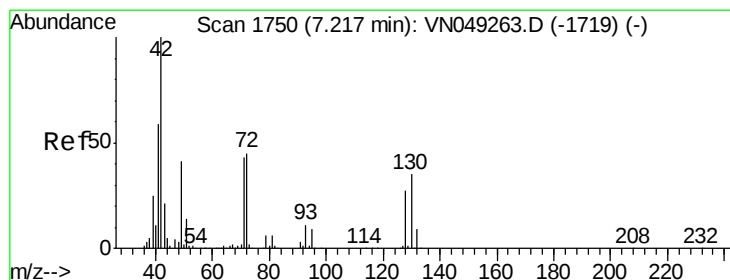
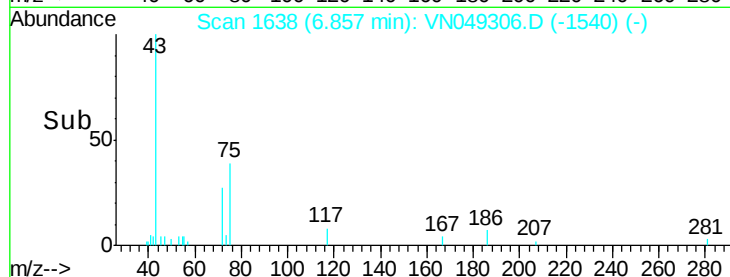
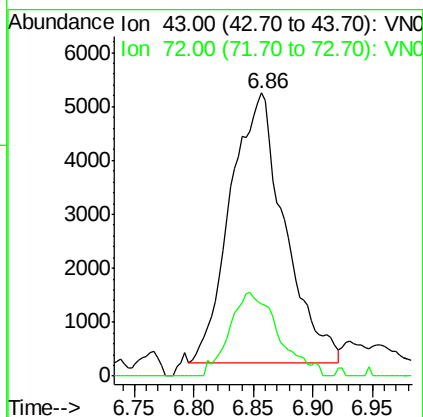
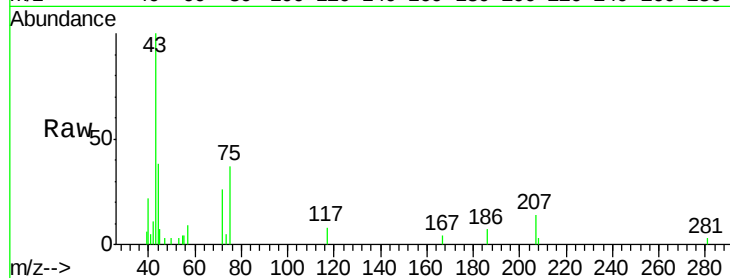




#25
2-Butanone
Concen: 3.12 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

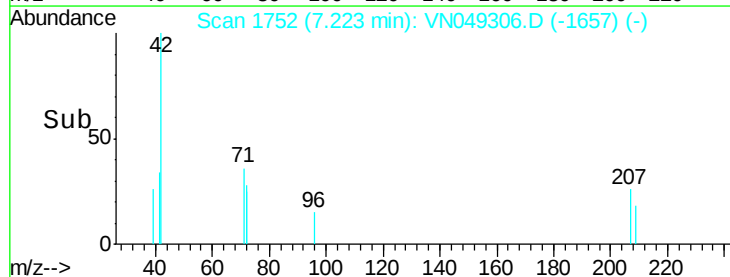
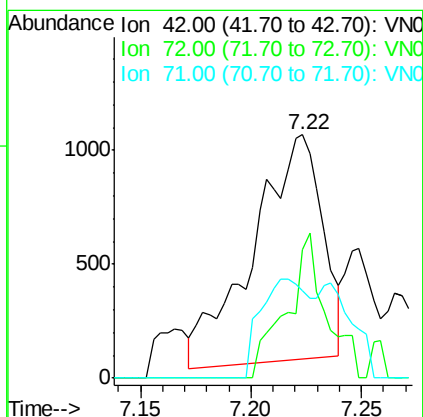
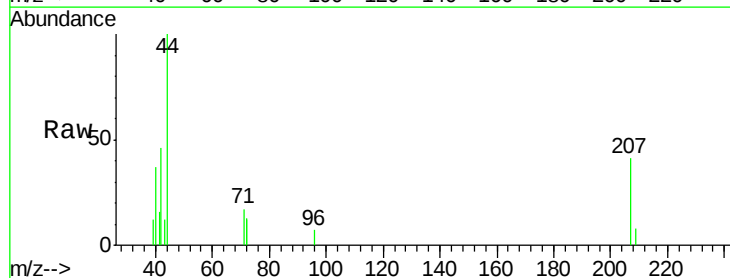
Instrument :
MSVOA_N
ClientSampled :

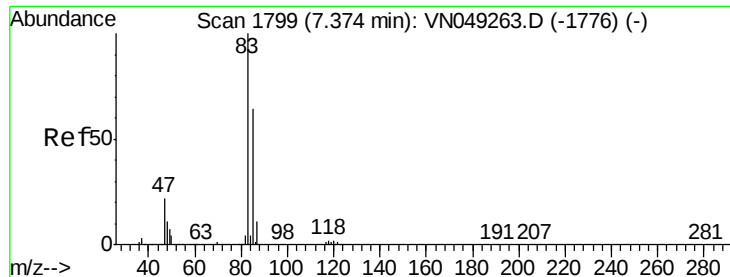
Tot Ion: 43 Resp: 15732
Ion Ratio Lower Upper
43 100
72 26.9 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.67 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 42 Resp: 2170
Ion Ratio Lower Upper
42 100
72 36.3 32.2 48.4
71 32.4 30.5 45.7





#30

Chloroform

Concen: 1.07 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

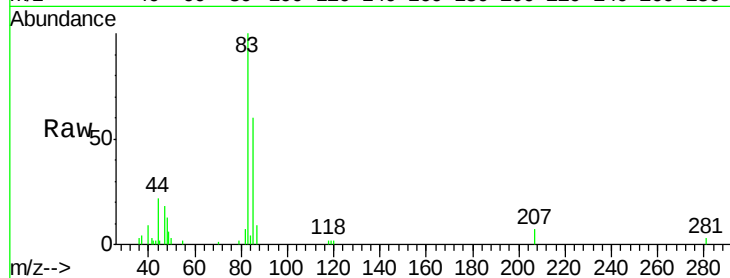
ClientSampleId :

Tot Ion: 83 Resp: 28588

Ion Ratio Lower Upper

83 100

85 59.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049306.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN049306.D (-1706) (-)

7.37

12000

10000

8000

6000

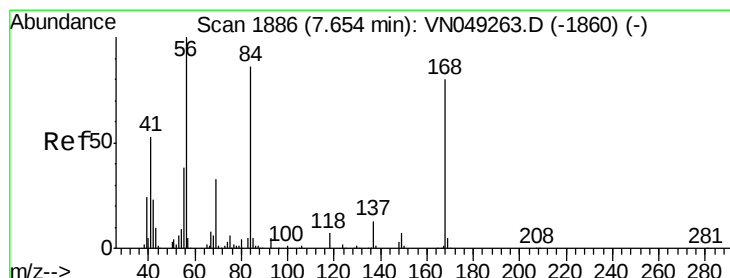
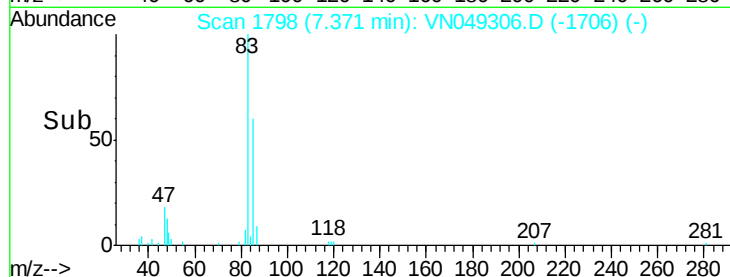
4000

2000

0

Time-->

7.30 7.35 7.40 7.45



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

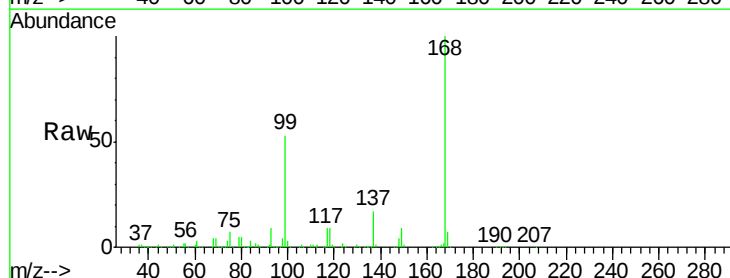
Tgt Ion: 56 Resp: 21257

Ion Ratio Lower Upper

56 100

69 185.7 25.0 37.4#

84 152.3 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049306.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049306.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049306.D (-1793) (-)

20000

15000

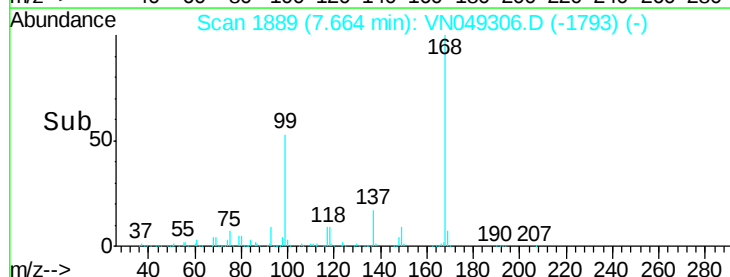
10000

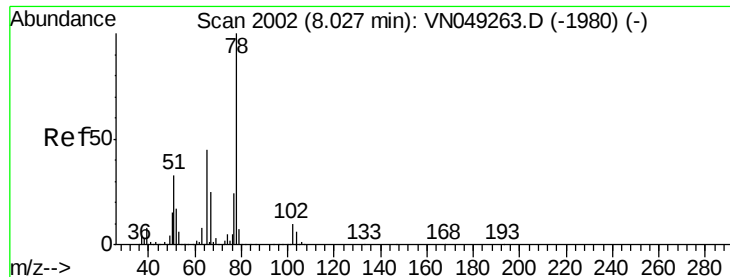
5000

0

Time-->

7.60 7.65 7.70 7.75





#33

1,2-Dichloroethane-d4

Concen: 50.08 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

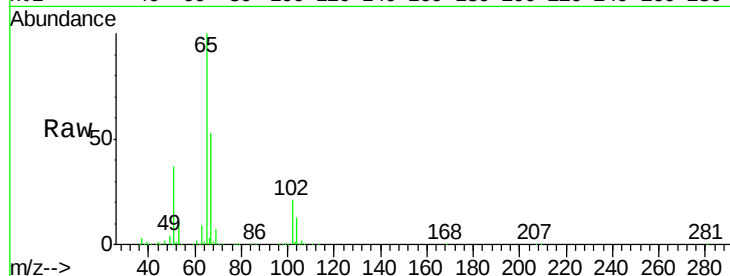
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 774060

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049306.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049306.D (-1980) (-)

8.03

300000

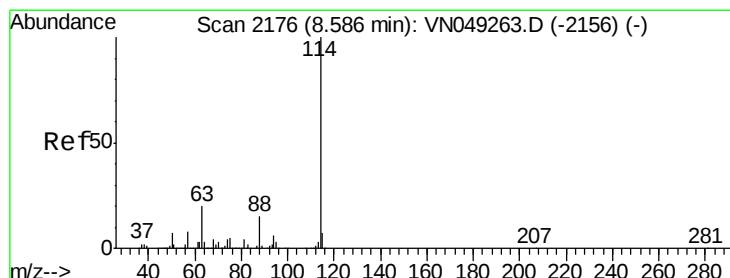
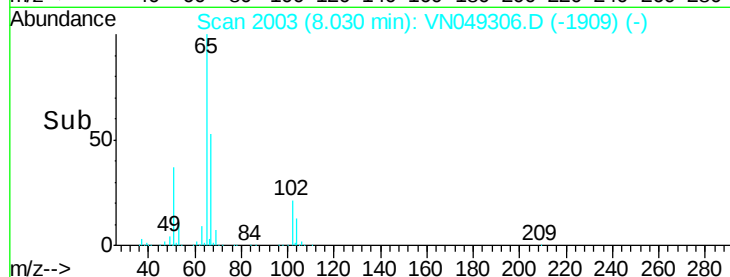
200000

100000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

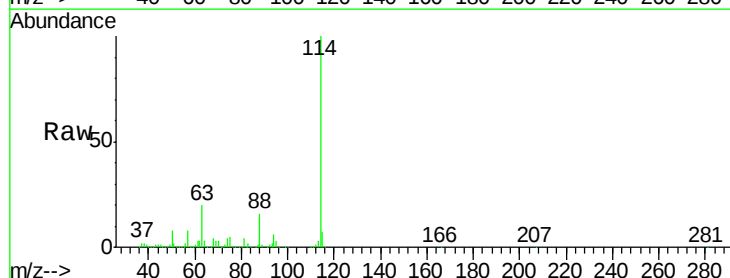
Tgt Ion: 114 Resp: 1869798

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049306.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049306.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049306.D (-2156) (-)

8.59

1200000

1000000

800000

600000

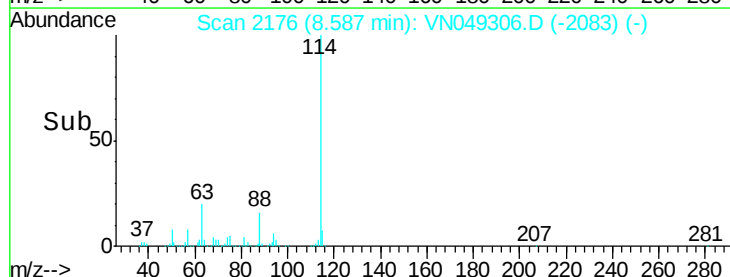
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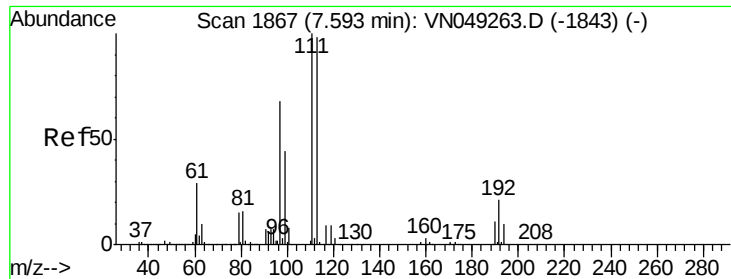
200000

0

8.50 8.60 8.70 8.80

Time-->

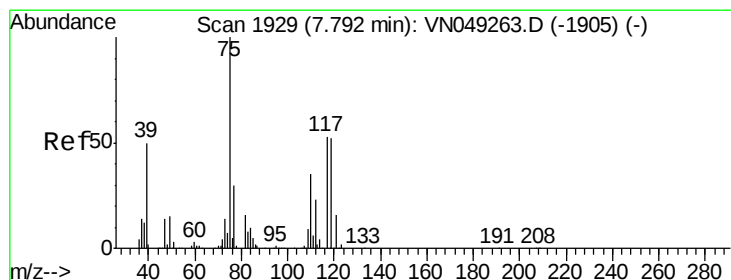
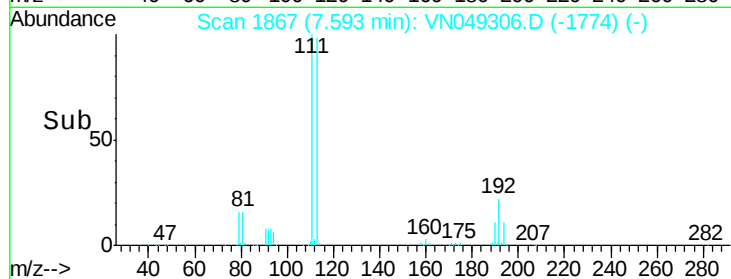
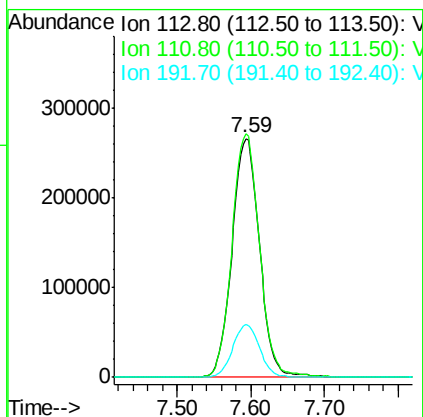
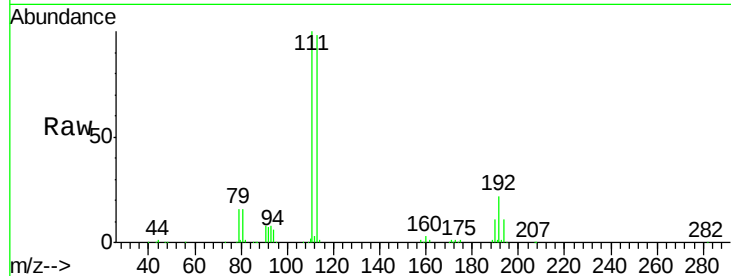




#35
 Dibromofluoromethane
 Concen: 45.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

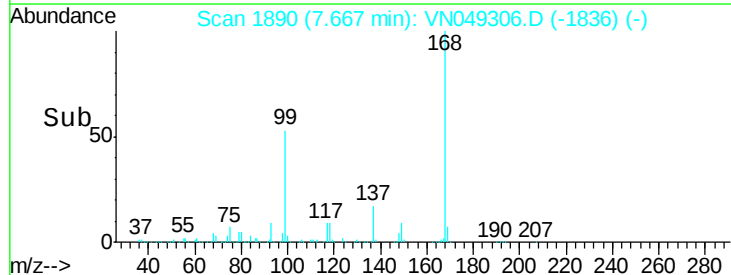
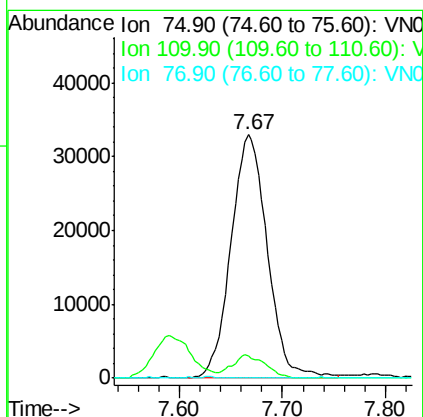
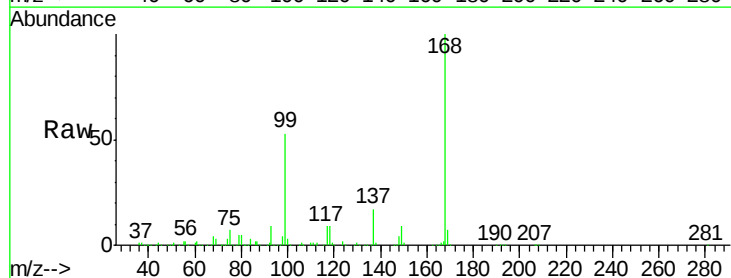
Instrument :
 MSVOA_N
 ClientSampleId :

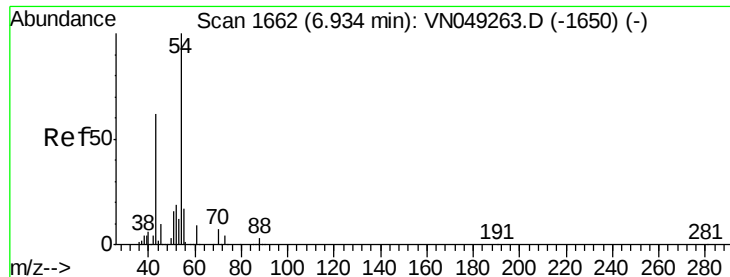
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	21.5	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.4	36.6#

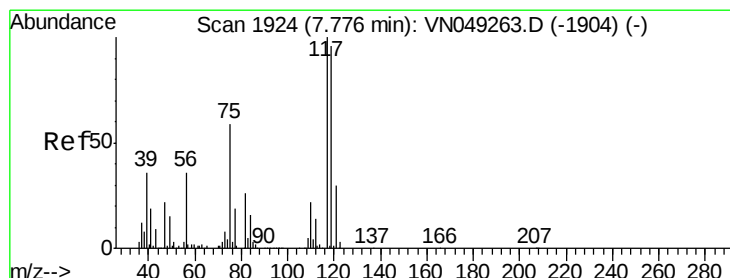
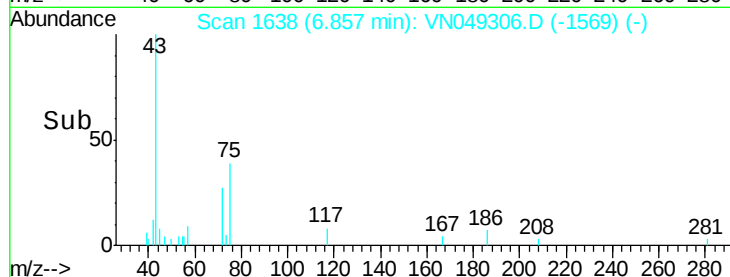
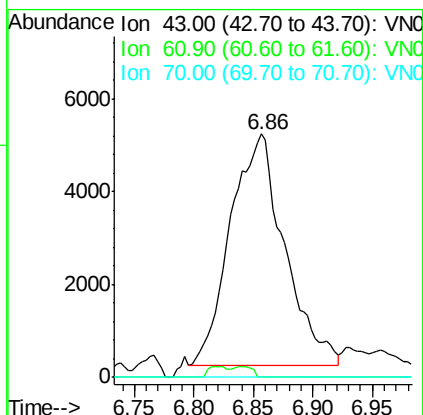
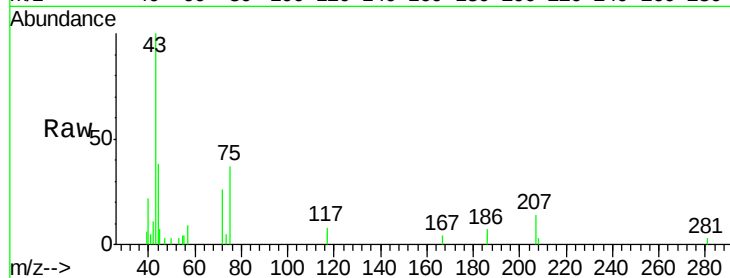




#37
Ethyl Acetate
Concen: 1.35 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. -0.08 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

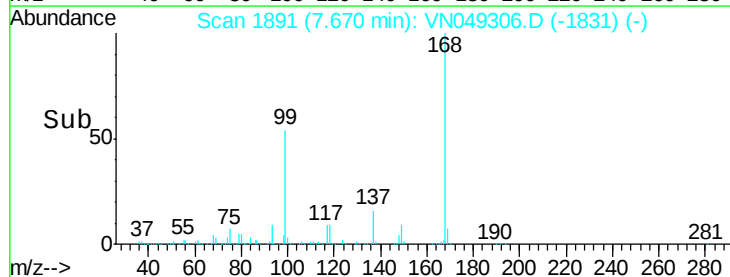
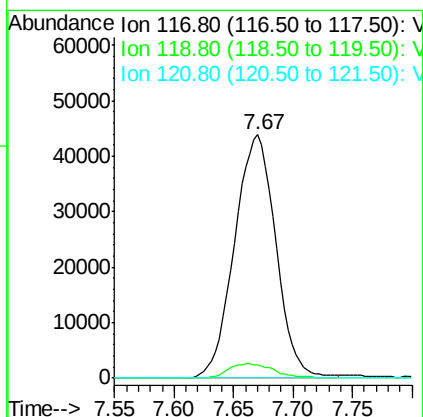
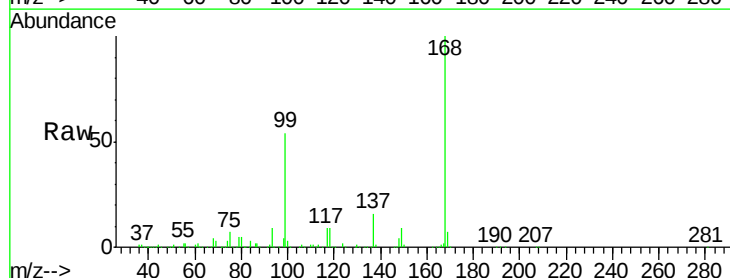
Instrument :
MSVOA_N
ClientSampleId :

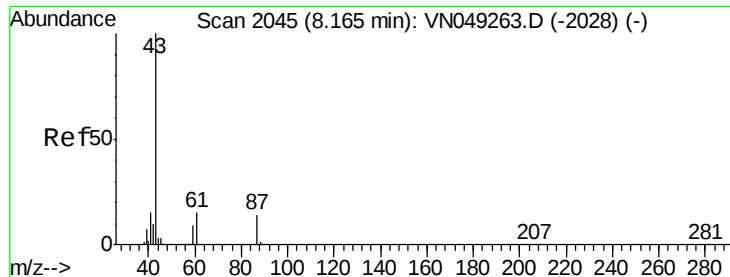
Tot Ion: 43 Resp: 15732
Ion Ratio Lower Upper
43 100
61 1.6 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 117 Resp: 105561
Ion Ratio Lower Upper
117 100
119 5.2 75.6 113.4#
121 0.0 24.7 37.1#



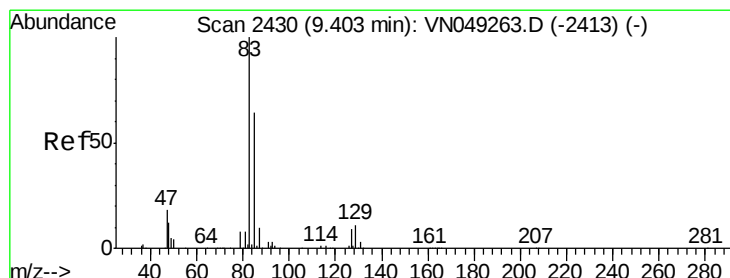
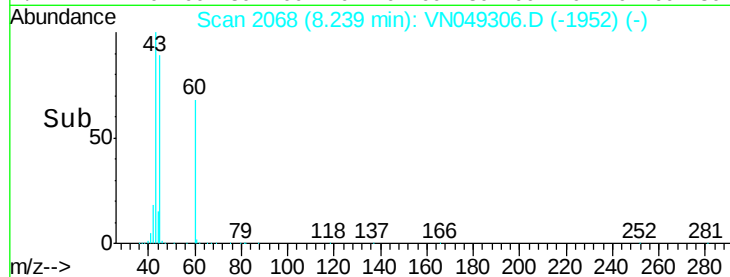
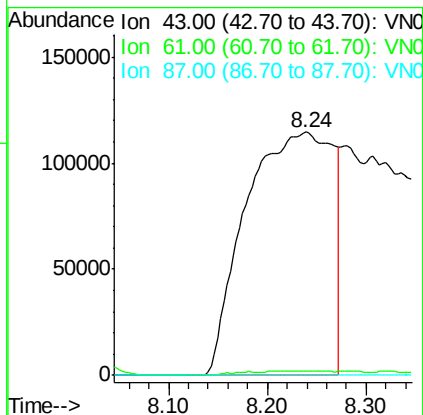
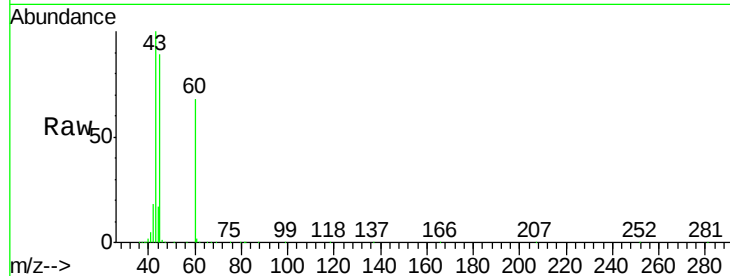


#43

Isopropyl Acetate
 Concen: 31.40 ug/l
 RT: 8.24 min Scan# 2068
 Delta R.T. 0.07 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Instrument :
 MSVOA_N
 ClientSampleId :

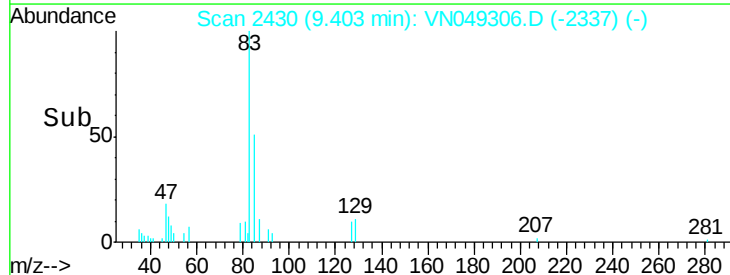
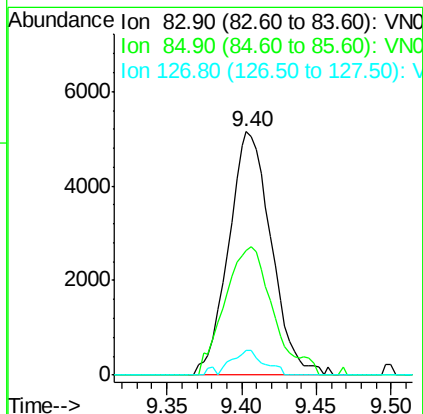
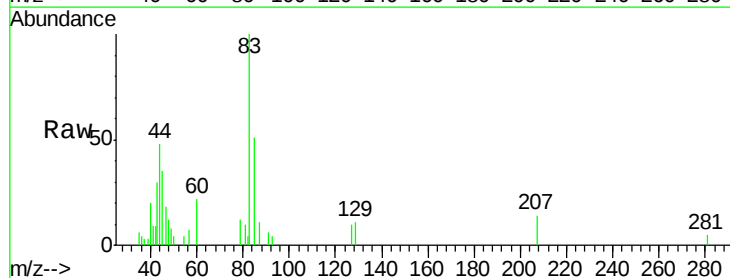
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.2	21.4#
87	0.0	9.4	14.0#

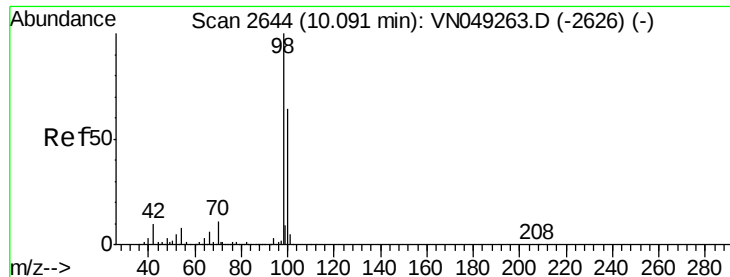


#47

Bromodichloromethane
 Concen: 0.47 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.2	49.4	74.0
127	10.4	6.3	9.5#





#50

Toluene-d8

Concen: 44.29 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

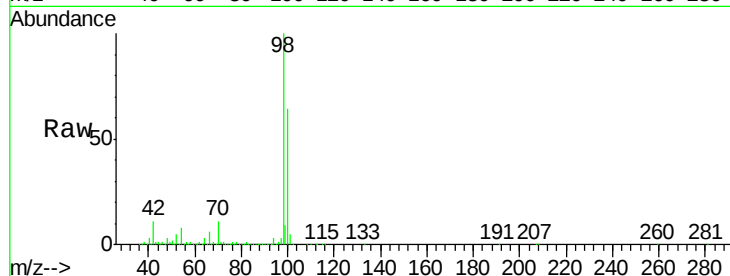
ClientSampled :

Tot Ion: 98 Resp: 2551348

Ion Ratio Lower Upper

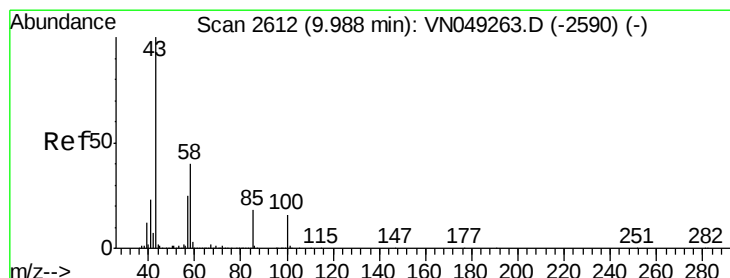
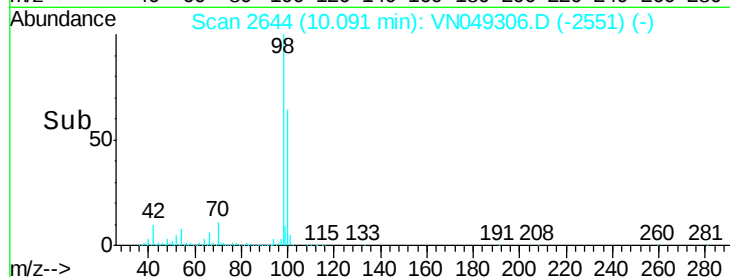
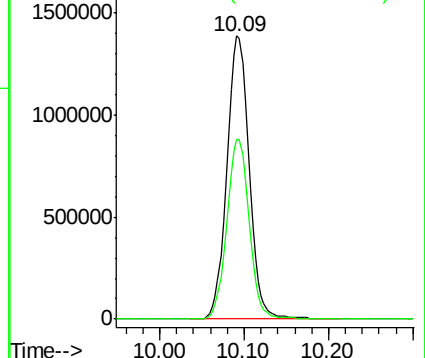
98 100

100 64.0 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: 1.37 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049306.D

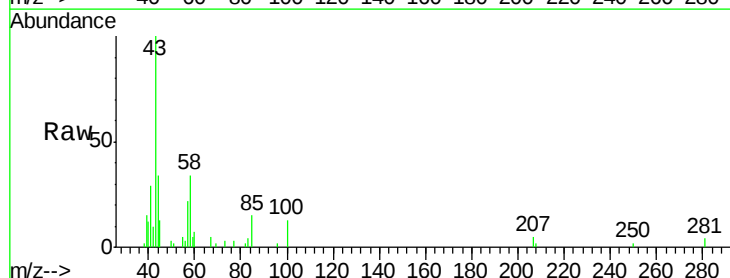
Acq: 16 Jun 2018 12:27

Tgt Ion: 43 Resp: 16001

Ion Ratio Lower Upper

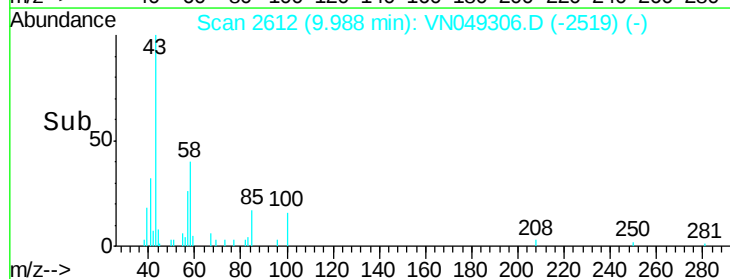
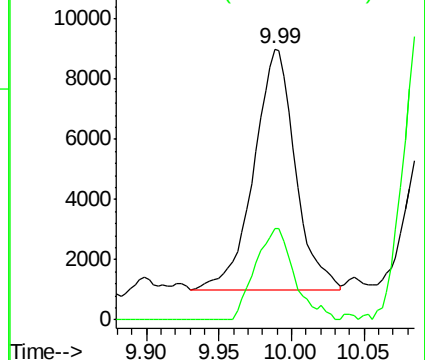
43 100

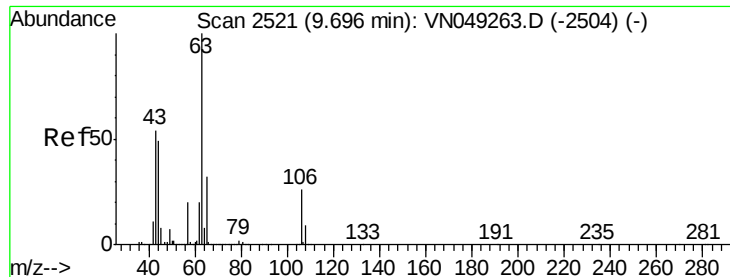
58 35.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

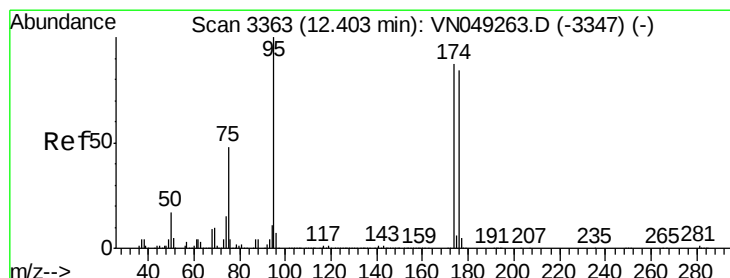
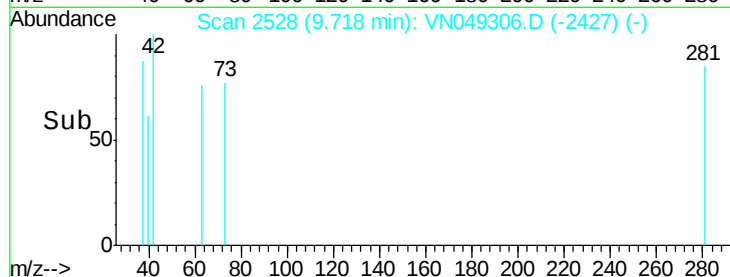
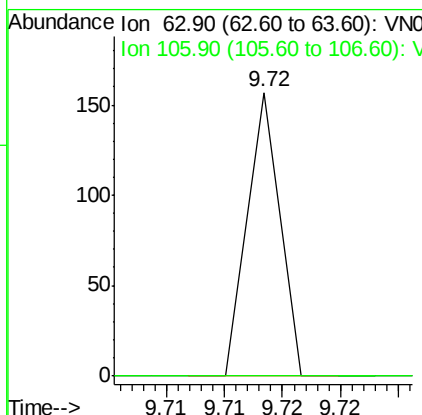
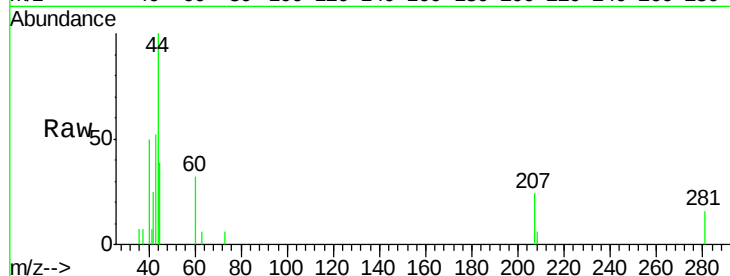




#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.72 min Scan# 2528
Delta R.T. 0.02 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

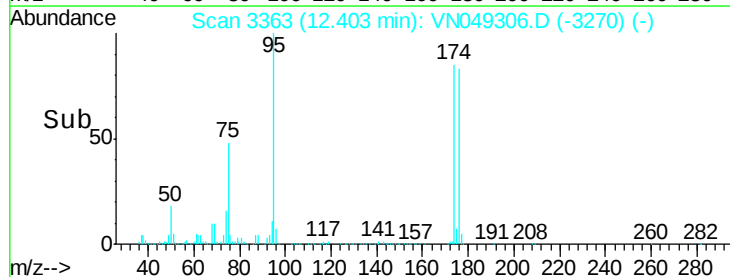
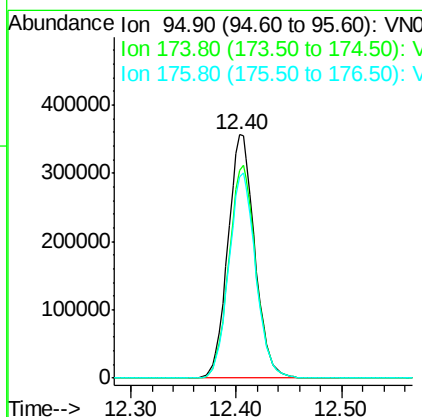
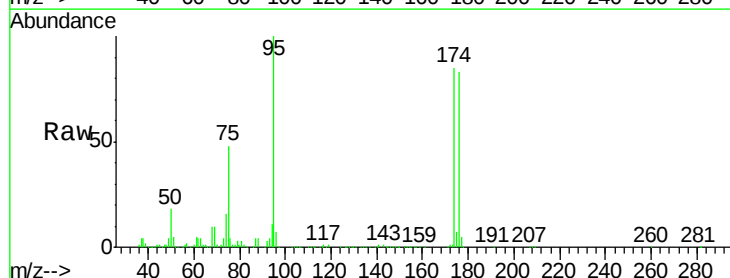
Instrument :
MSVOA_N
ClientSampleId :

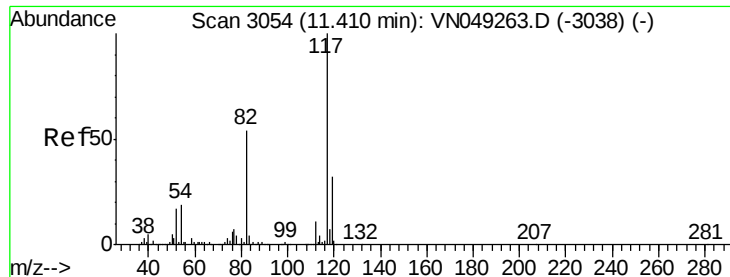
Tot Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#



#62
4-Bromofluorobenzene
Concen: 32.87 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 95 Resp: 625938
Ion Ratio Lower Upper
95 100
174 87.4 0.0 165.6
176 84.1 0.0 157.4

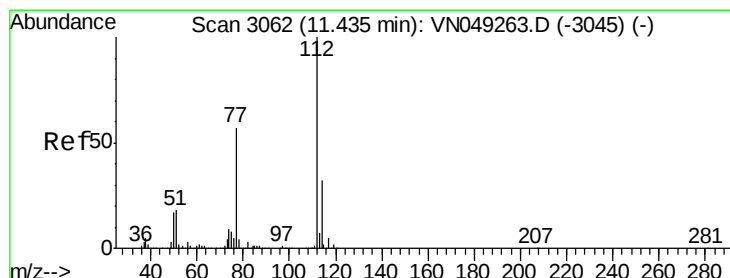
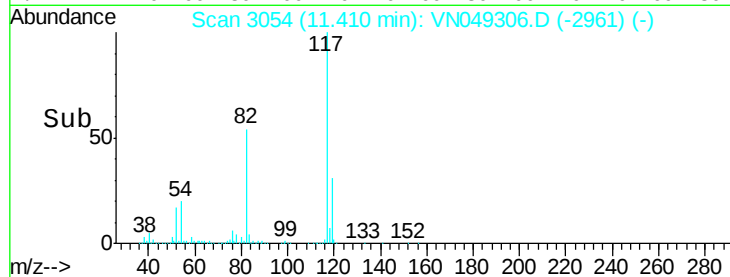
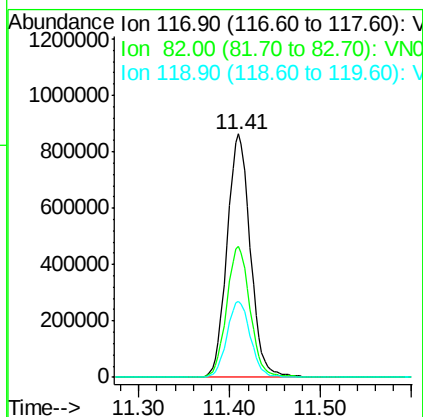
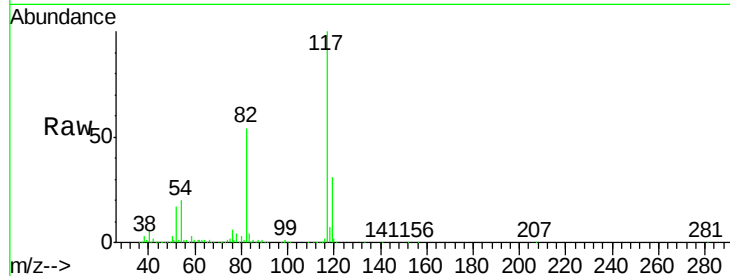




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

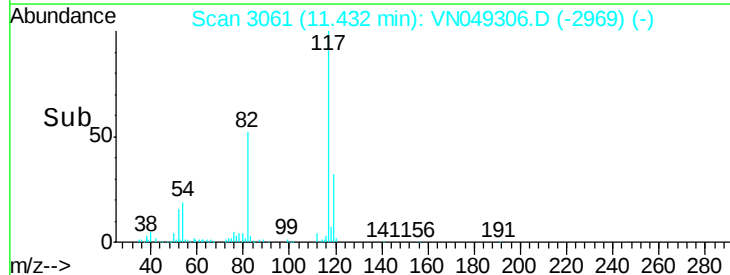
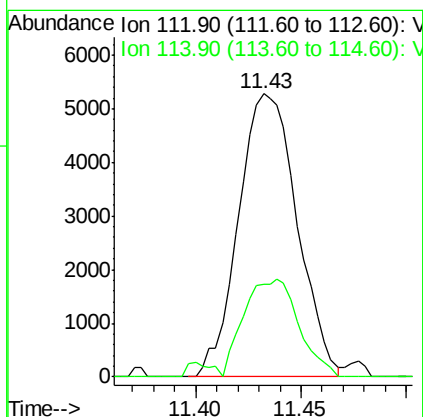
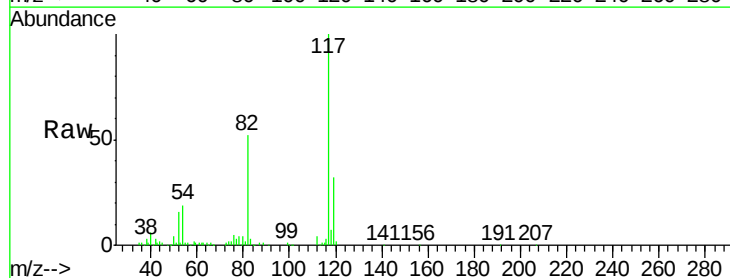
Instrument :
MSVOA_N
ClientSampled :

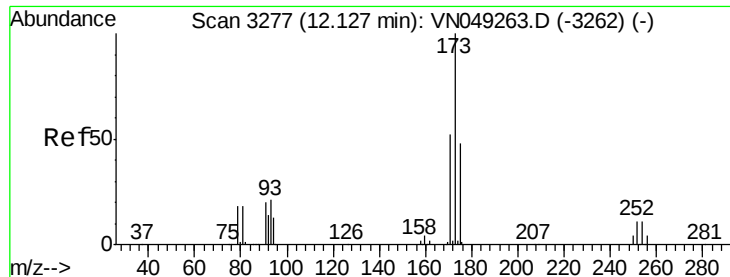
Tot Ion:117 Resp: 1536121
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 31.4 25.5 38.3



#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion:112 Resp: 10191
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

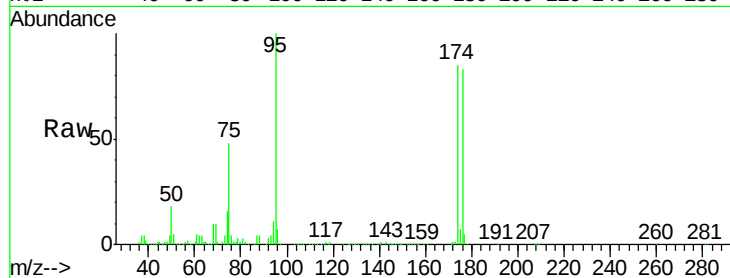




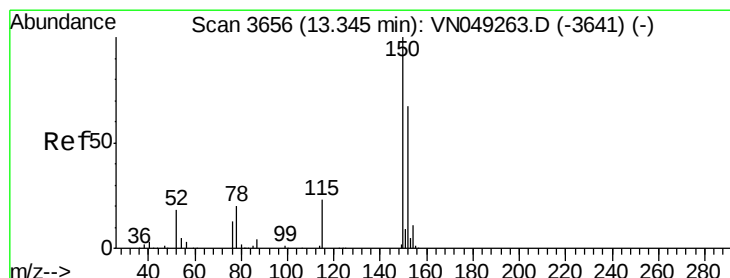
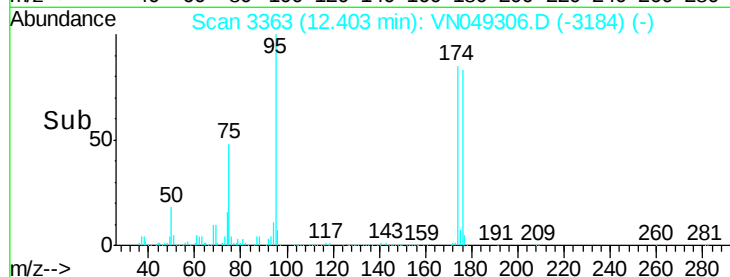
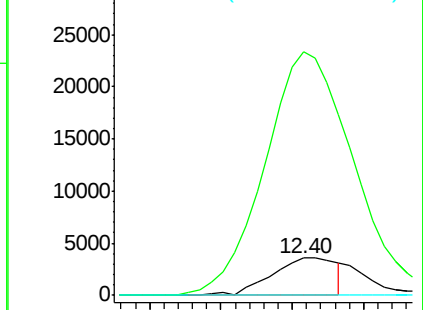
#71
Bromoform
Concen: 0.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 4515
Ion Ratio Lower Upper
173 100
175 698.8 24.5 73.5#
254 0.0 0.1 0.1#

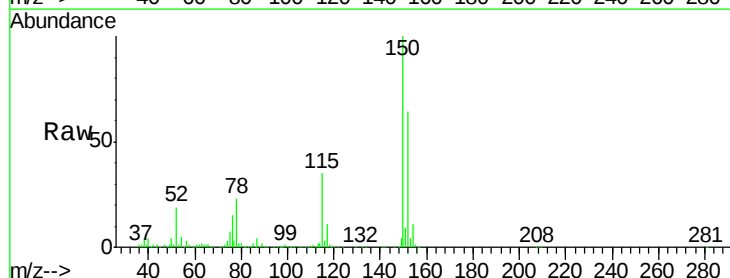


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

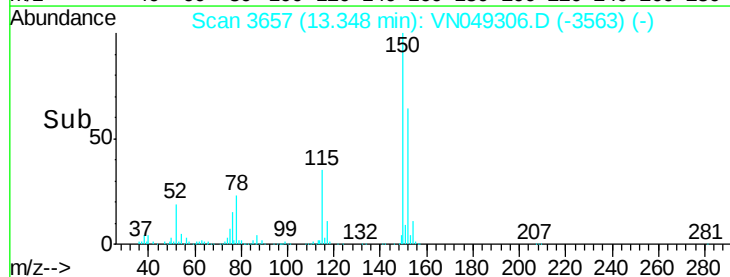
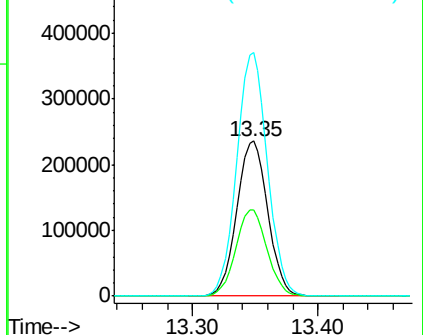


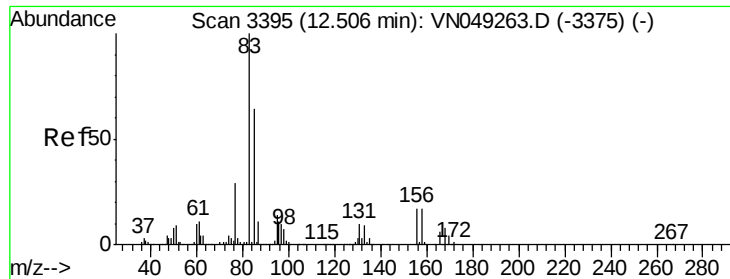
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion:152 Resp: 405361
Ion Ratio Lower Upper
152 100
115 56.1 28.7 86.1
150 155.0 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: 12.53 min Scan# 3404

Delta R.T. 0.03 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

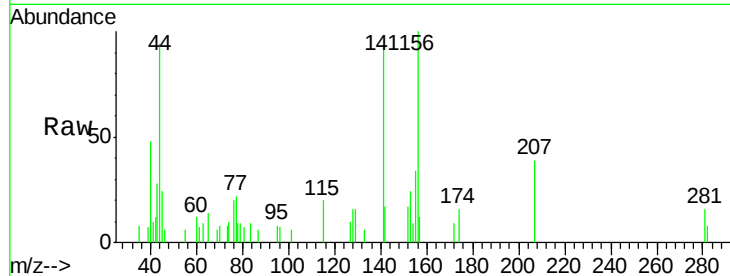
Tot Ion: 83 Resp: 83

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

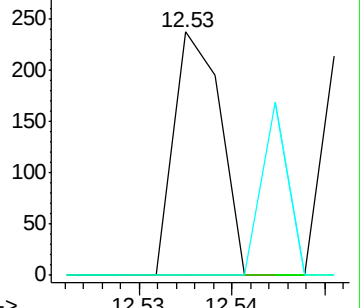
85 39.8 32.0 96.0



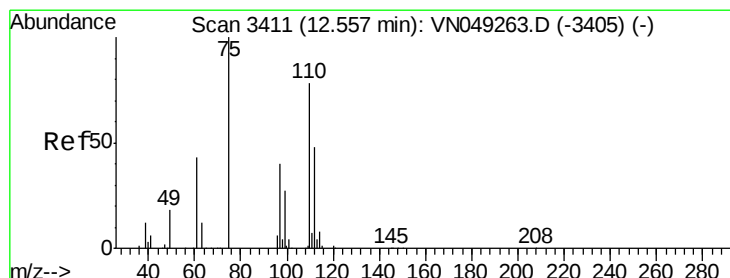
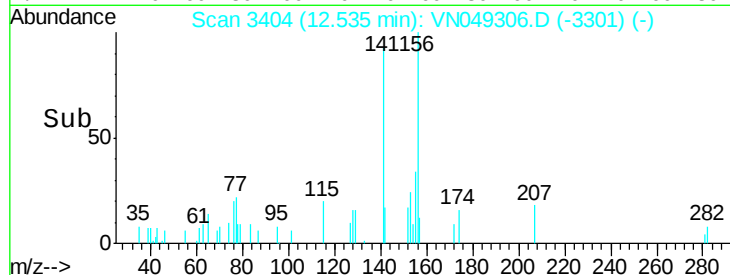
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 43.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049306.D

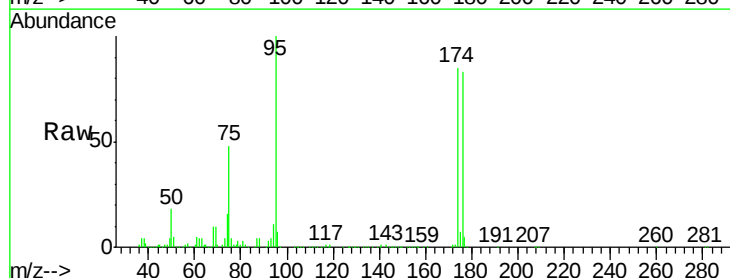
Acq: 16 Jun 2018 12:27

Tgt Ion: 75 Resp: 299764

Ion Ratio Lower Upper

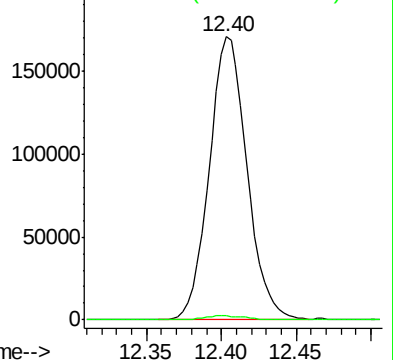
75 100

77 1.6 0.0 0.0#

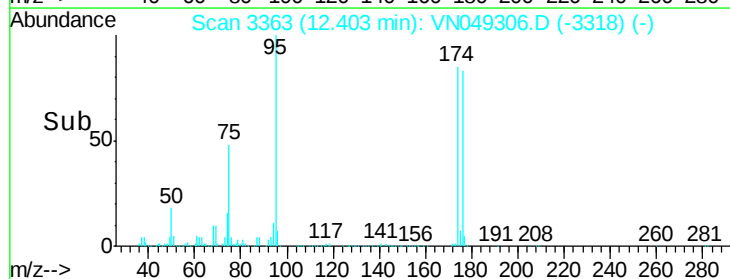


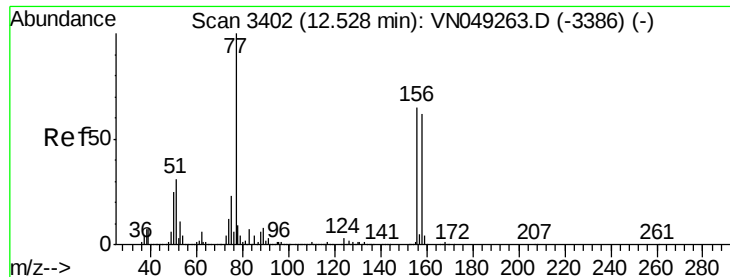
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 0.60 ug/l

RT: 12.53 min Scan# 3404

Delta R.T. 0.01 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampled :

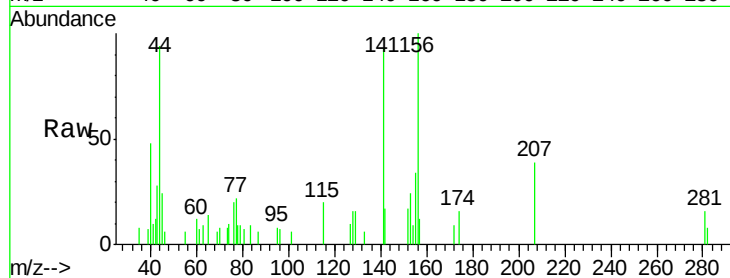
Tot Ion:156 Resp: 5649

Ion Ratio Lower Upper

156 100

77 18.4 100.8 302.4#

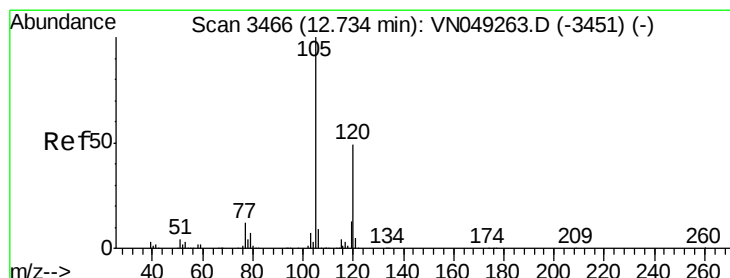
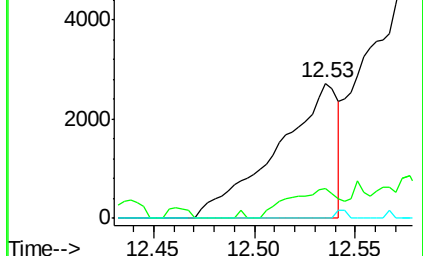
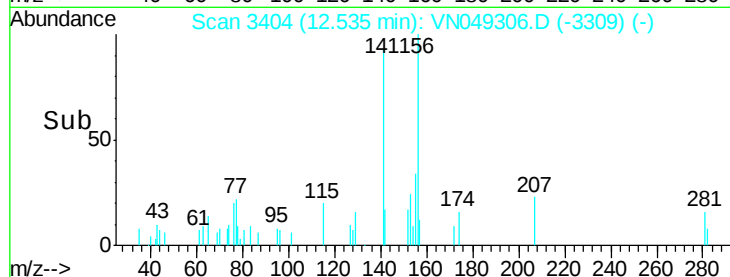
158 0.0 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049306.D

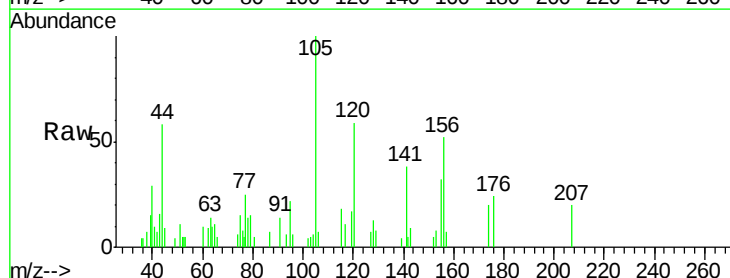
Acq: 16 Jun 2018 12:27

Tgt Ion:105 Resp: 5911

Ion Ratio Lower Upper

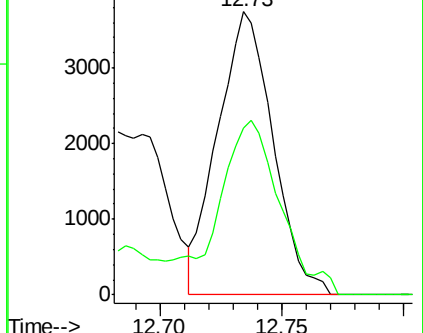
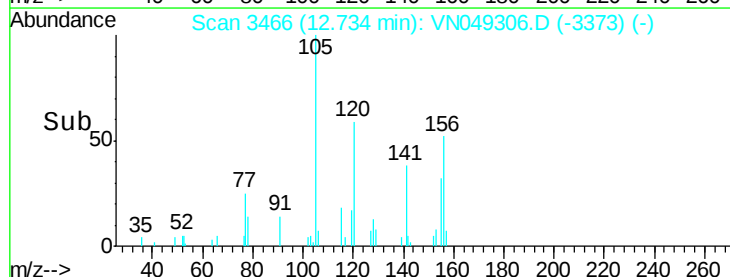
105 100

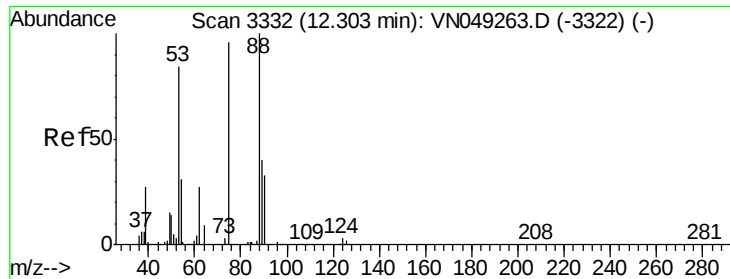
120 63.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 136.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

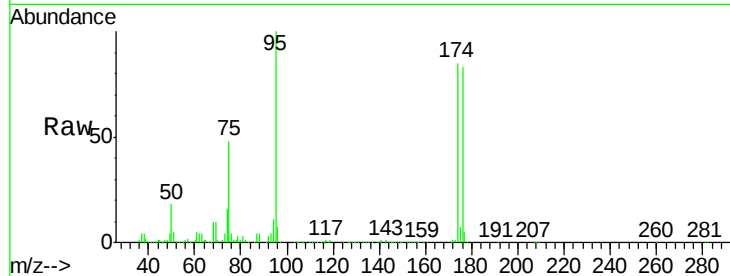
Tot Ion: 75 Resp: 299764

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

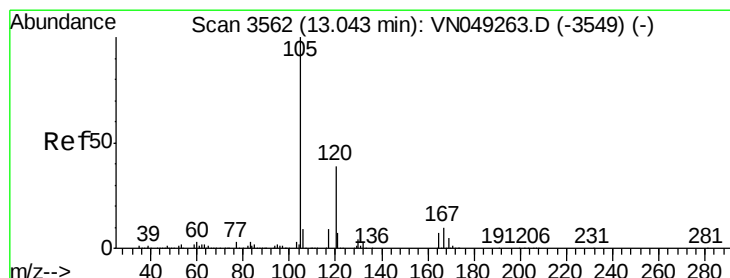
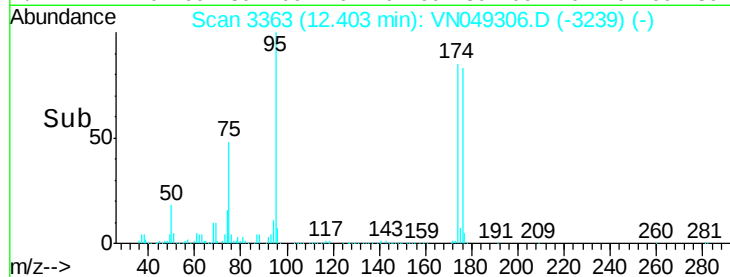
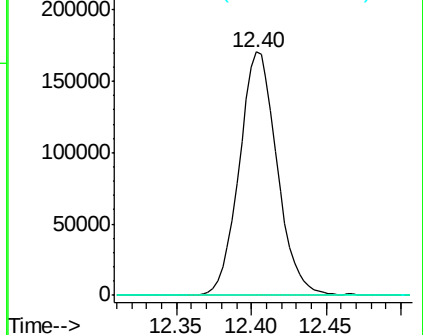
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049306.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049306.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049306.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.73 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049306.D

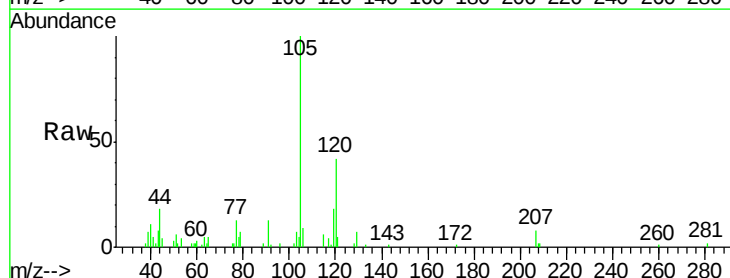
Acq: 16 Jun 2018 12:27

Tgt Ion: 105 Resp: 20178

Ion Ratio Lower Upper

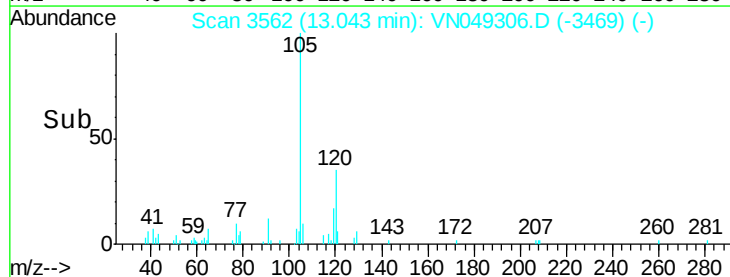
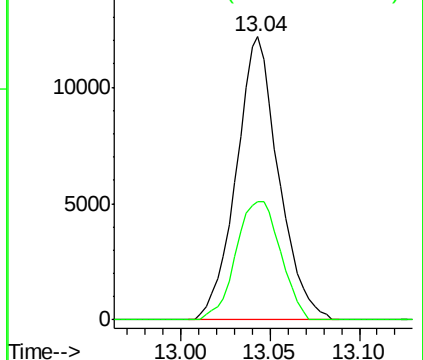
105 100

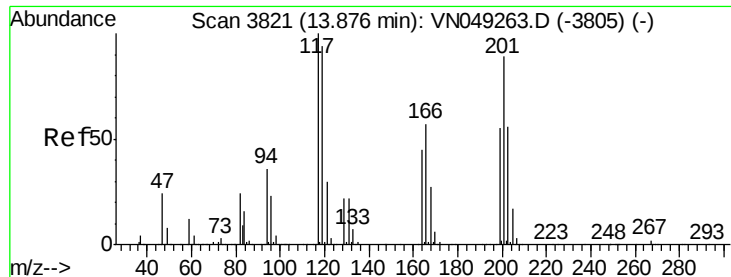
120 43.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049306.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049306.D (-3562) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

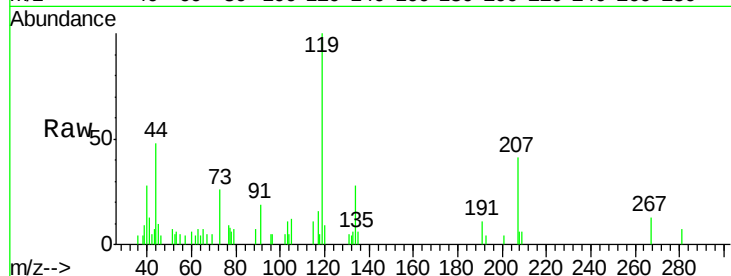
ClientSampleId :

Tot Ion:117 Resp: 893

Ion Ratio Lower Upper

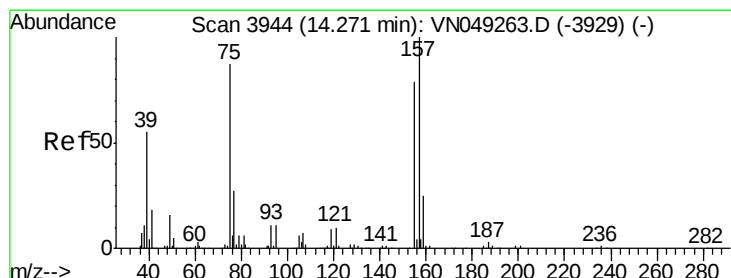
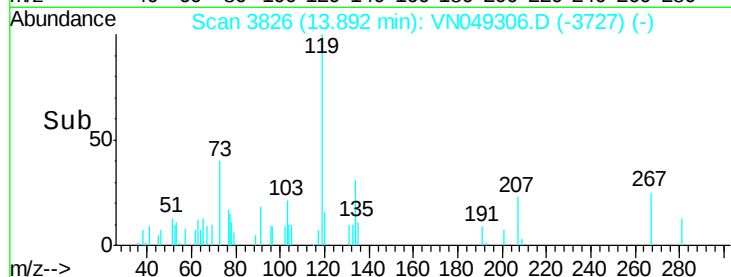
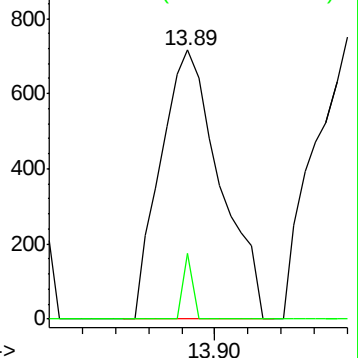
117 100

201 3.8 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: 0.20 ug/l

RT: 14.28 min Scan# 3947

Delta R.T. 0.01 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

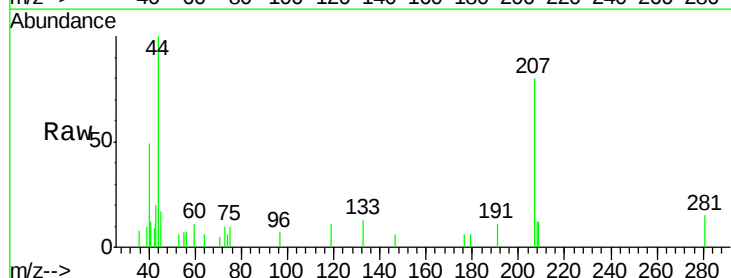
Tgt Ion: 75 Resp: 249

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

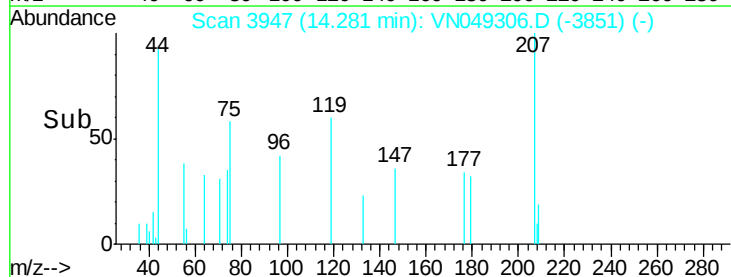
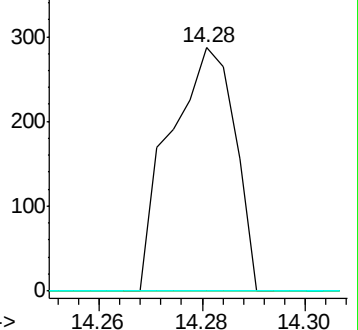
157 0.0 51.0 153.1#

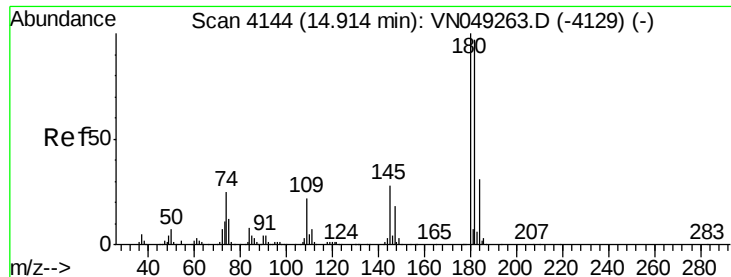


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

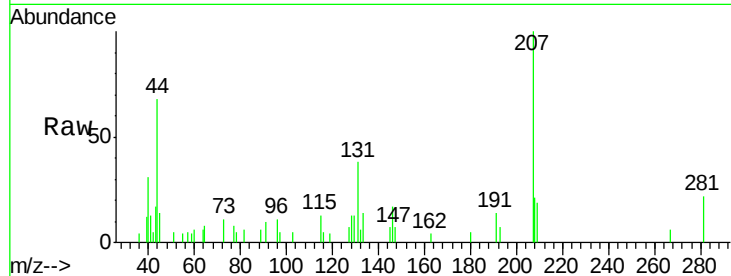




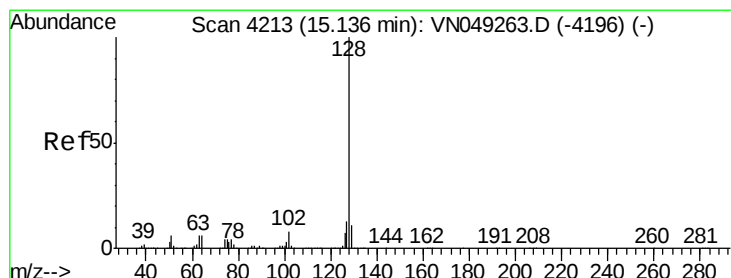
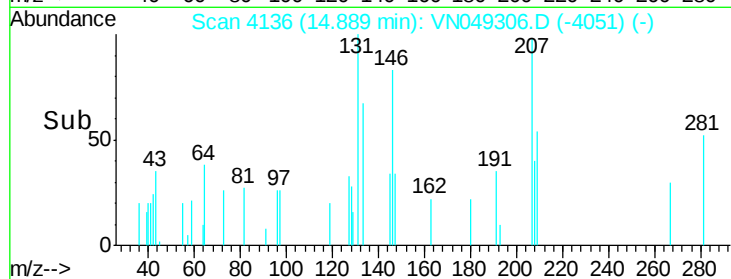
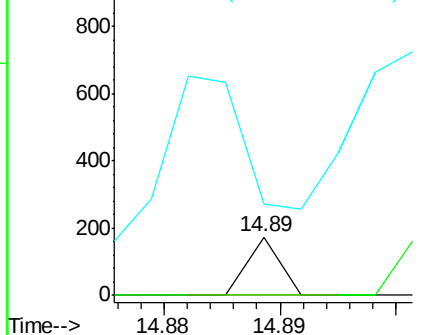
#93
 1,2,4-Trichlorobenzene
 Concen: 4.75 ug/l
 RT: 14.89 min Scan# 4136
 Delta R.T. -0.03 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 34
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.8#
 145 1285.3 14.7 44.1#

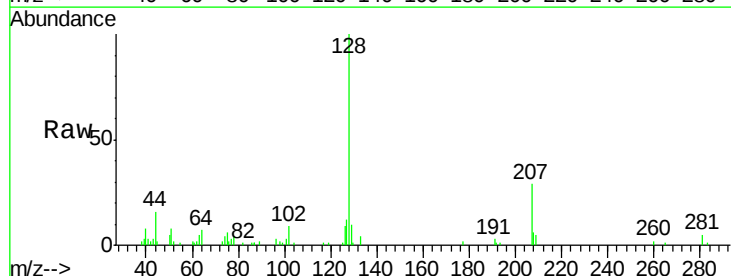


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

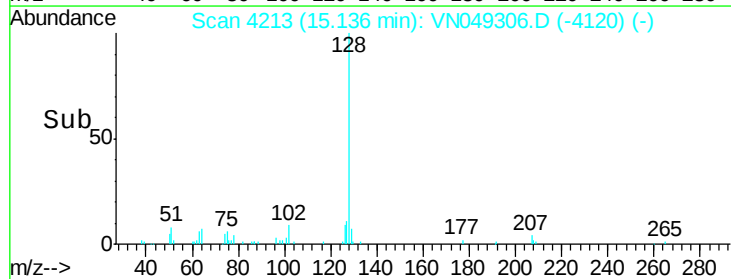
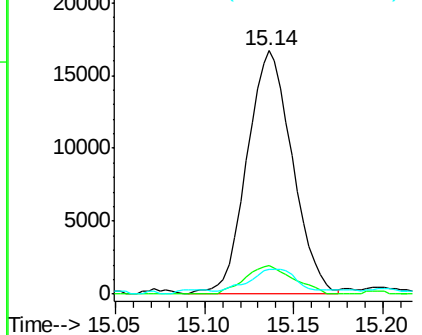


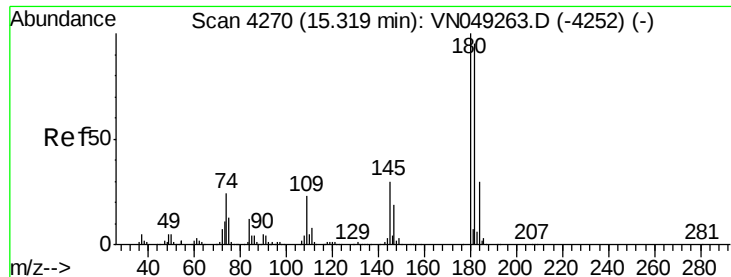
#95
 Naphthalene
 Concen: 4.71 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Tgt Ion:128 Resp: 29739
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.6 16.0
 129 9.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

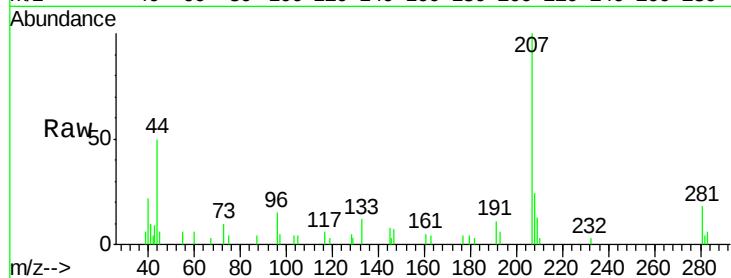




#96
 1,2,3-Trichlorobenzene
 Concen: 3.47 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049306.D
 Acq: 16 Jun 2018 12:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.3	141.8
145	701.4	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

