

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049414.D
 Acq On : 20 Jun 2018 4:29
 Operator : MD\SY
 Sample : J3573-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:06:49 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	1125624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1426231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	753300	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	673011	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
50) Toluene-d8	10.09	98	2410715	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.40	95	572491	31.63	ug/l	0.00
Spiked Amount			Recovery	=	63.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3741	0.22	ug/l #	88
5) Bromomethane	2.58	94	6853	0.73	ug/l	88
8) Diethyl Ether	3.41	74	1792	0.23	ug/l	88
11) Tert butyl alcohol	4.73	59	491	0.56	ug/l #	70
13) Acrolein	3.61	56	871	0.95	ug/l #	45
16) Acetone	3.82	43	35619	9.83	ug/l	93
17) Carbon Disulfide	4.05	76	9130	0.23	ug/l	98
18) Methyl Acetate	4.33	43	72600	6.57	ug/l	100
20) Methylene Chloride	4.55	84	46113	3.05	ug/l	92
25) 2-Butanone	6.85	43	16536	3.40	ug/l	92
30) Chloroform	7.38	83	25727	0.99	ug/l	97
31) Cyclohexane	7.67	56	21418	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	78152	3.84	ug/l #	51
37) Ethyl Acetate	6.85	43	16536	1.49	ug/l #	72
38) Carbon Tetrachloride	7.67	117	103766	4.92	ug/l #	17
43) Isopropyl Acetate	8.25	43	233720	11.05	ug/l #	64
47) Bromodichloromethane	9.41	83	9603	0.46	ug/l #	72
49) 1,4-Dioxane	9.20	88	91	0.66	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4408	0.40	ug/l #	86
58) 2-Chloroethyl Vinyl ether	9.44	63	32	14.33	ug/l #	51
59) 2-Hexanone	10.76	43	5219	0.73	ug/l	89
65) Chlorobenzene	11.44	112	10074	0.27	ug/l	92
74) N-amyl acetate	12.05	43	3192	0.40	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	253	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	278122	43.99	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5581	0.22	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	278122	139.04	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	14985	0.59	ug/l	96
90) Hexachloroethane	13.90	117	745	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	1837	5.00	ug/l #	57
94) Hexachlorobutadiene	15.01	225	609	Below	Cal	68
95) Naphthalene	15.14	128	19341	3.95	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	2259	3.80	ug/l #	84

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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

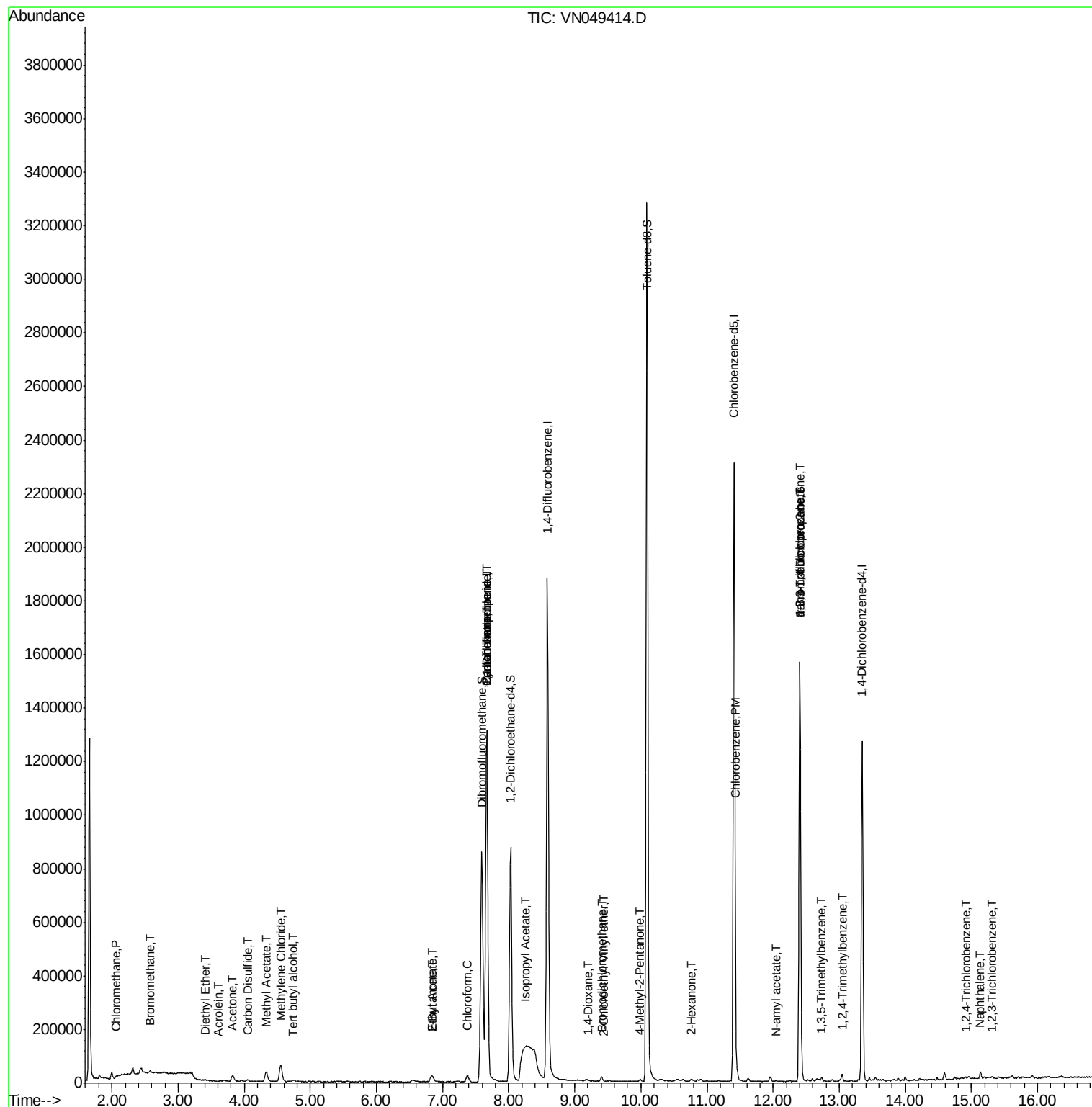
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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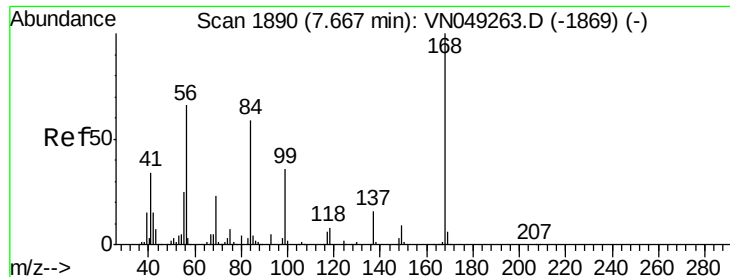
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
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Quant Title : SW846 8260
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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: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

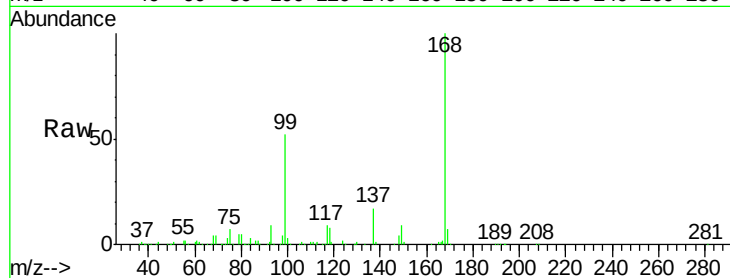
ClientSampleId :

Tot Ion:168 Resp: 1125624

Ion Ratio Lower Upper

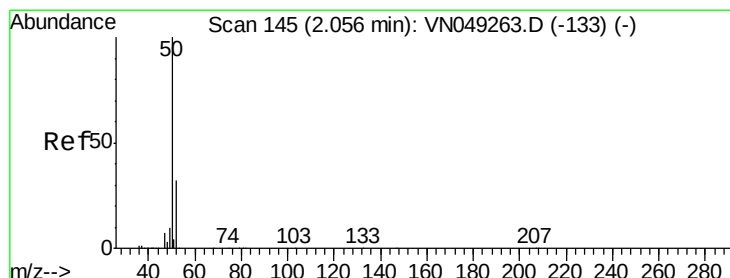
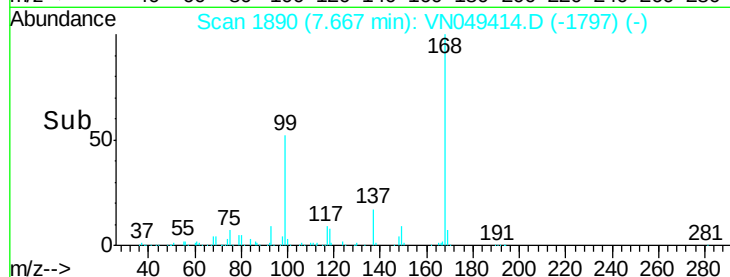
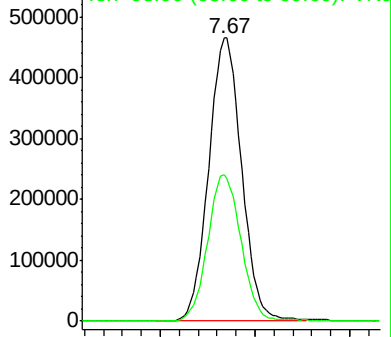
168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049414.D

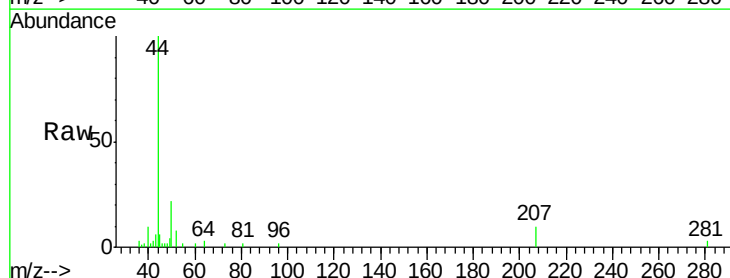
Acq: 20 Jun 2018 4:29

Tgt Ion: 50 Resp: 3741

Ion Ratio Lower Upper

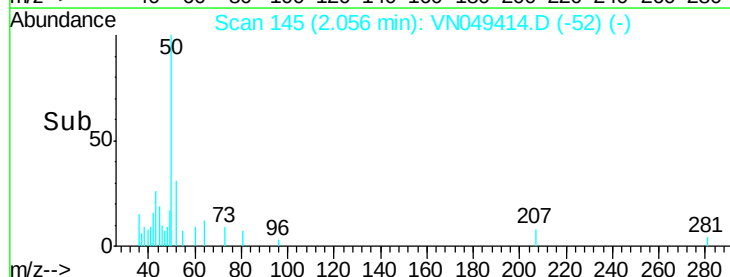
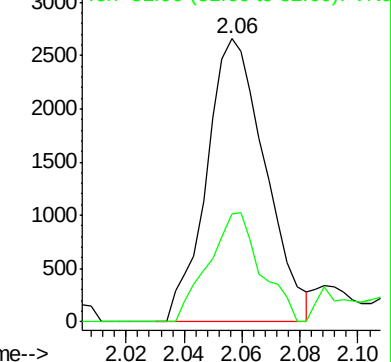
50 100

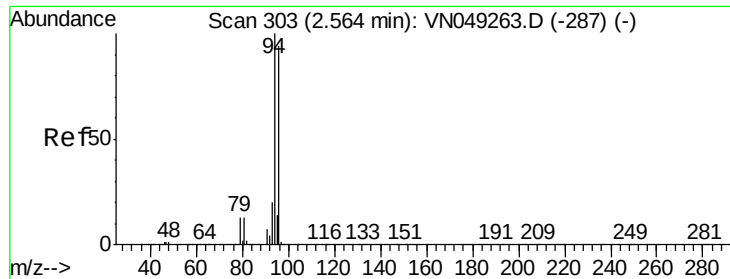
52 38.2 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: 0.73 ug/l

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

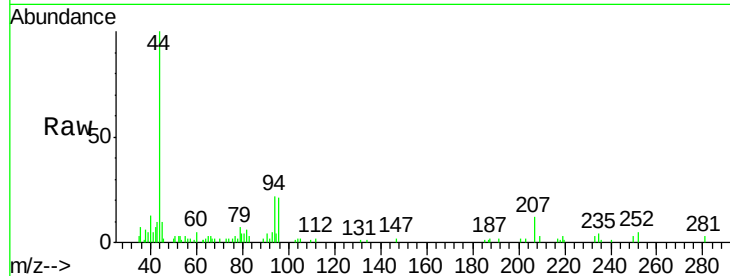
ClientSampled :

Tot Ion: 94 Resp: 6853

Ion Ratio Lower Upper

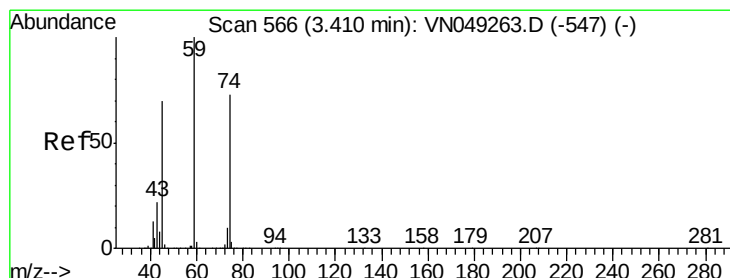
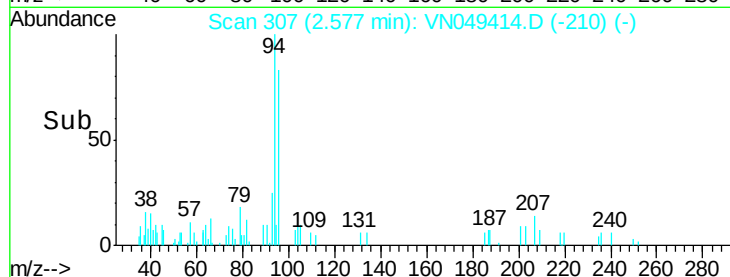
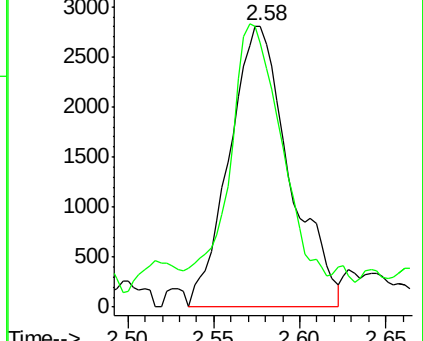
94 100

96 79.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.23 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049414.D

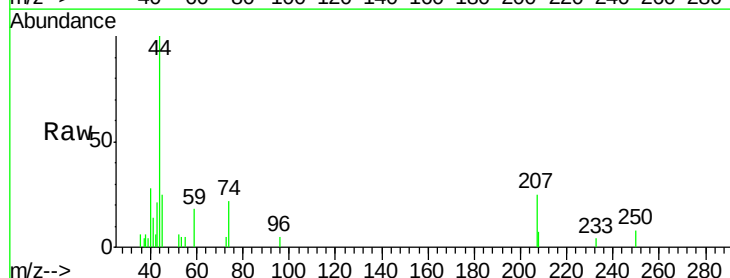
Acq: 20 Jun 2018 4:29

Tgt Ion: 74 Resp: 1792

Ion Ratio Lower Upper

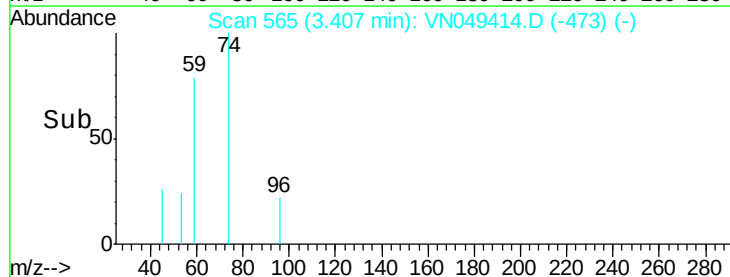
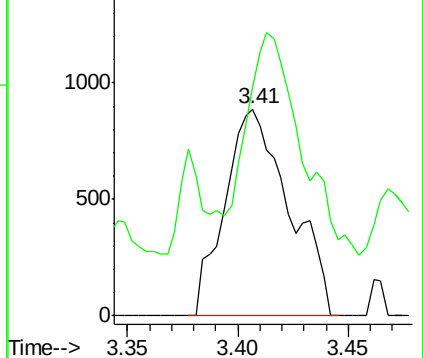
74 100

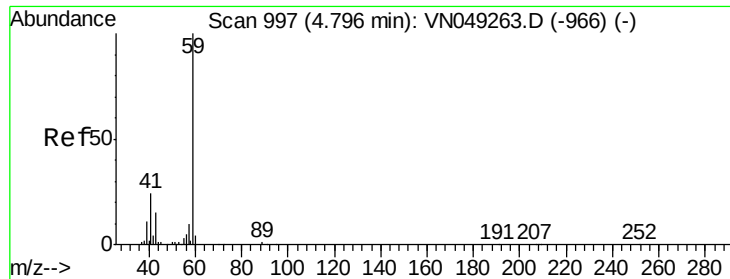
45 91.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

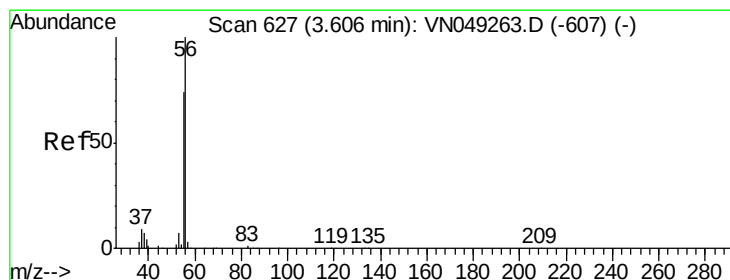
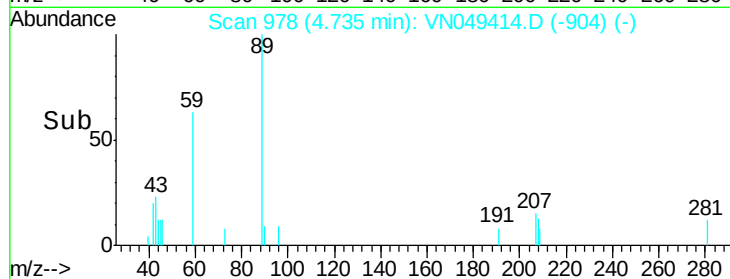
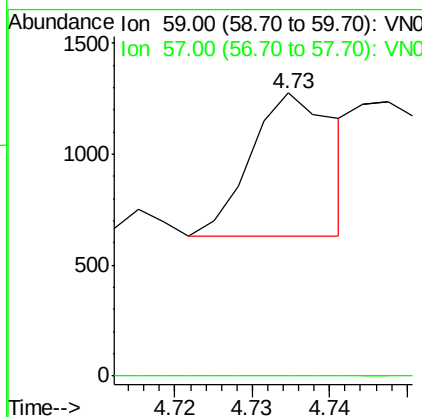
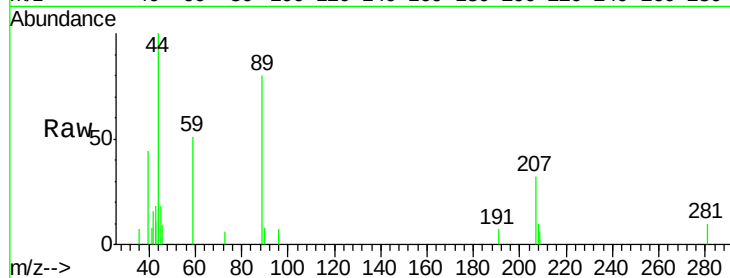




#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 4.73 min Scan# 978
Delta R.T. -0.06 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

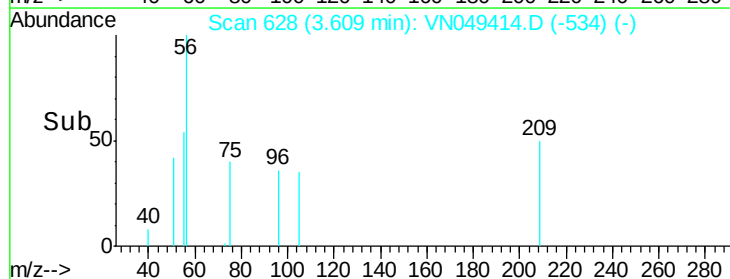
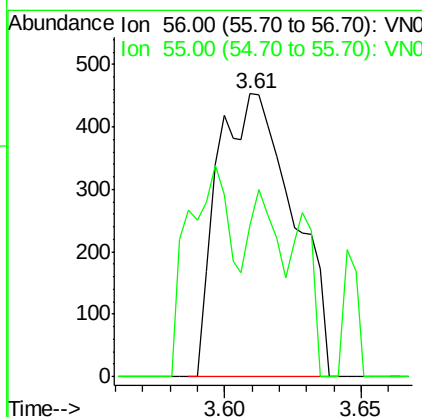
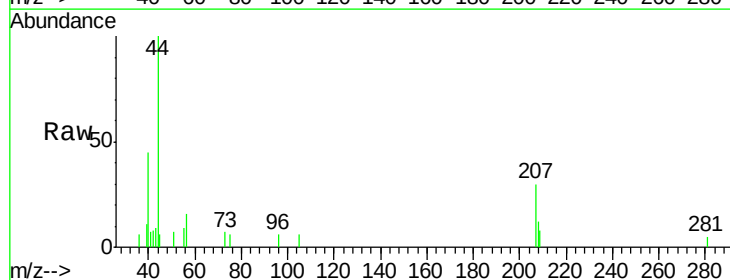
Instrument :
MSVOA_N
ClientSampled :

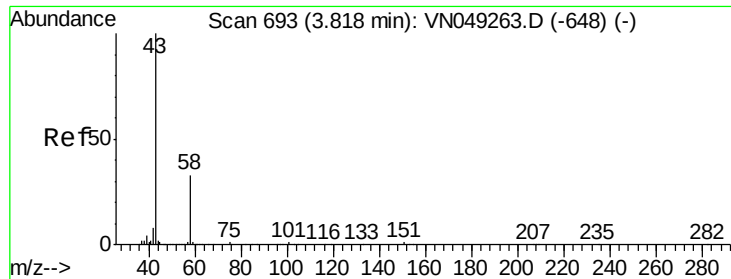
Tot Ion: 59 Resp: 491
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.95 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion: 56 Resp: 871
Ion Ratio Lower Upper
56 100
55 26.2 57.1 85.7#





#16

Acetone

Concen: 9.83 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

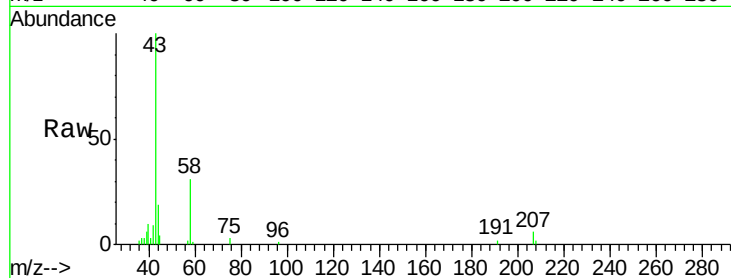
ClientSampleId :

Tot Ion: 43 Resp: 35619

Ion Ratio Lower Upper

43 100

58 31.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-648) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-648) (-)

3.82

15000

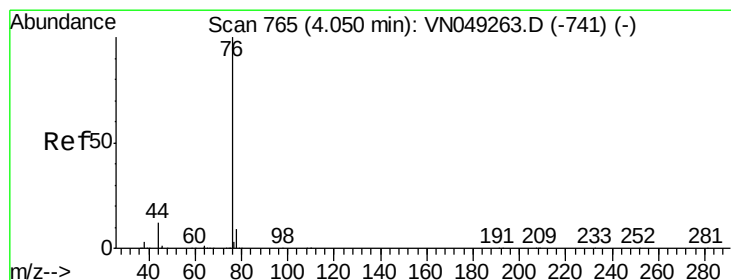
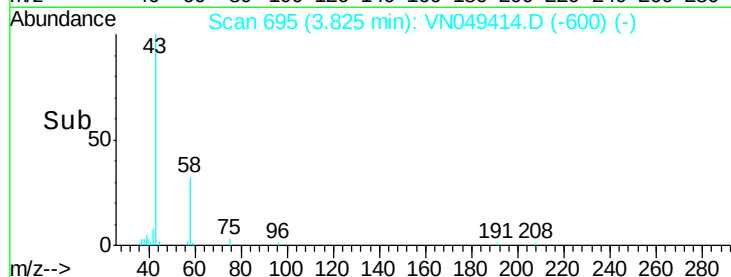
10000

5000

0

3.75 3.80 3.85 3.90

Time-->



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049414.D

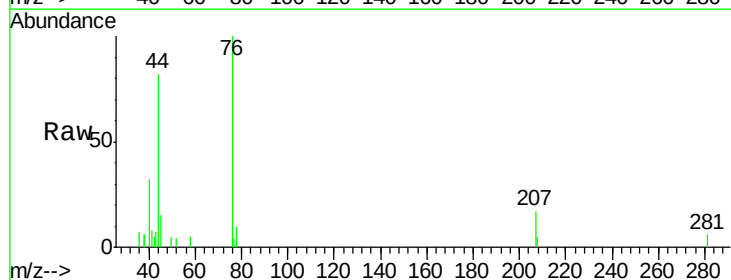
Acq: 20 Jun 2018 4:29

Tgt Ion: 76 Resp: 9130

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049263.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049263.D (-741) (-)

4.05

4000

3000

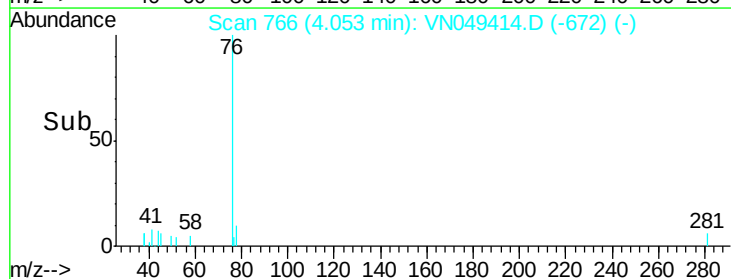
2000

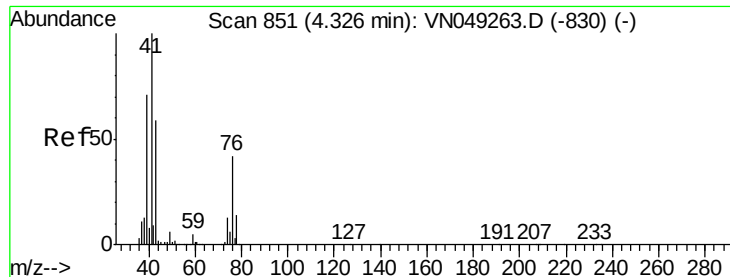
1000

0

4.00 4.05 4.10

Time-->

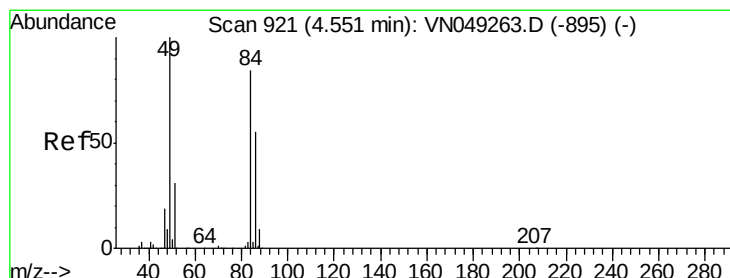
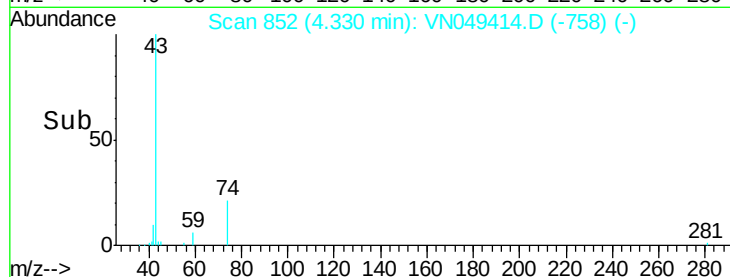
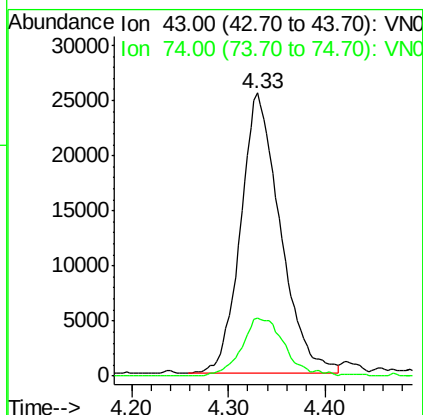
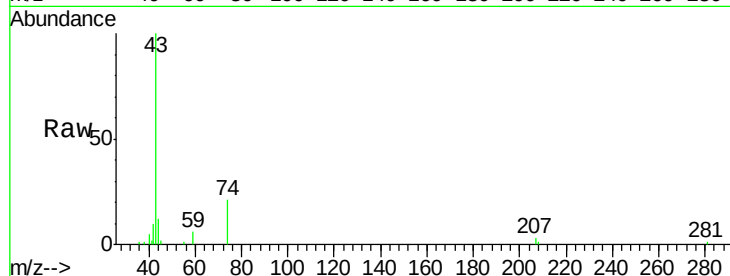




#18
Methvl Acetate
Concen: 6.57 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

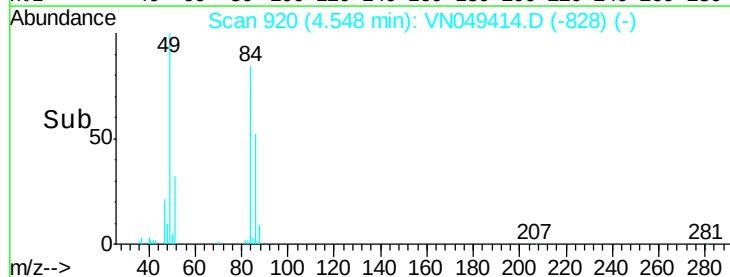
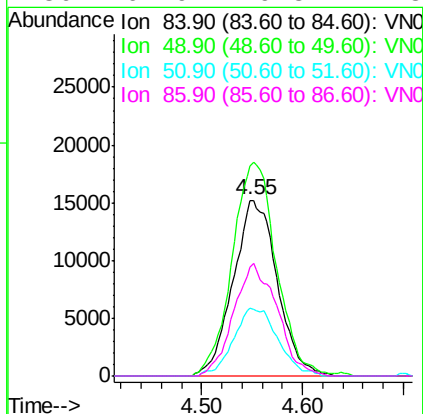
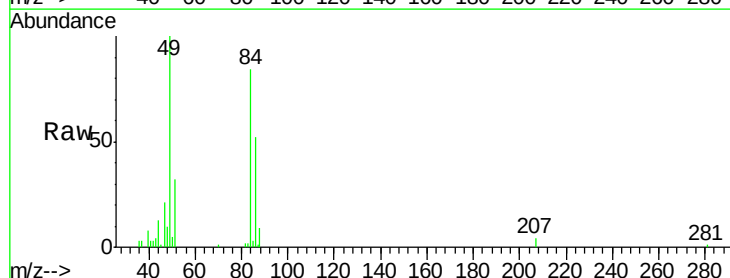
Instrument :
MSVOA_N
ClientSampleId :

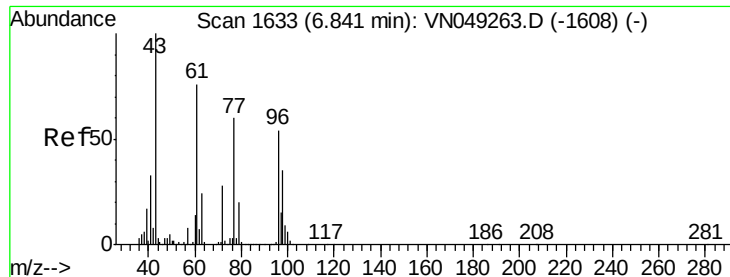
Tot Ion: 43 Resp: 72600
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 3.05 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion: 84 Resp: 46113
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 38.5 32.7 49.1
86 61.9 49.8 74.8

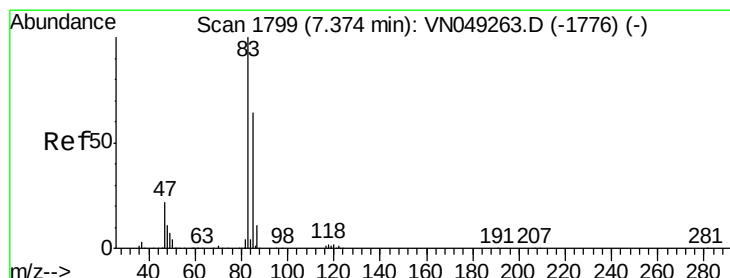
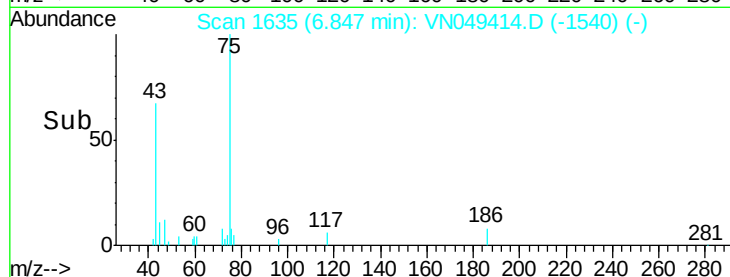
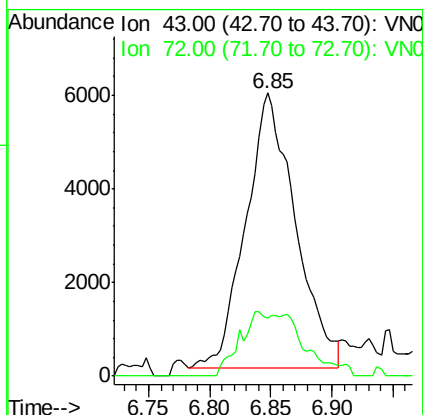
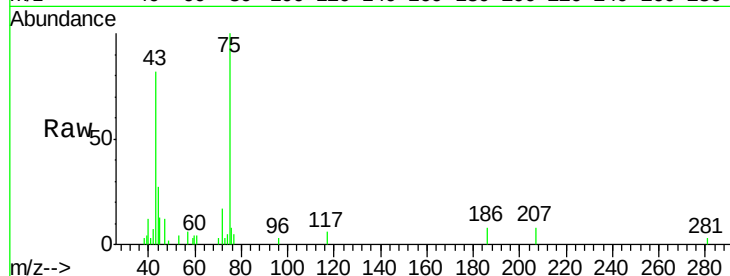




#25
2-Butanone
Concen: 3.40 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

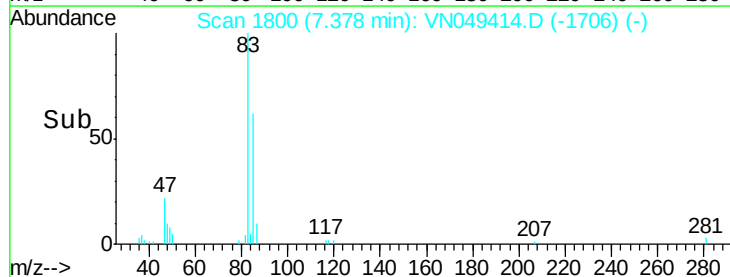
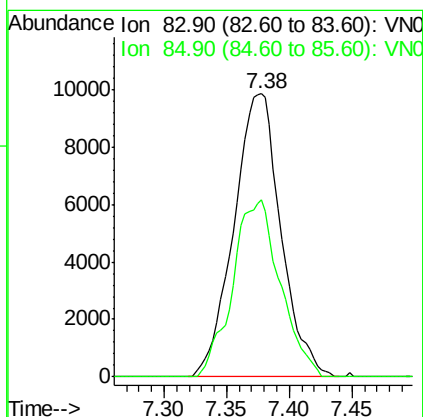
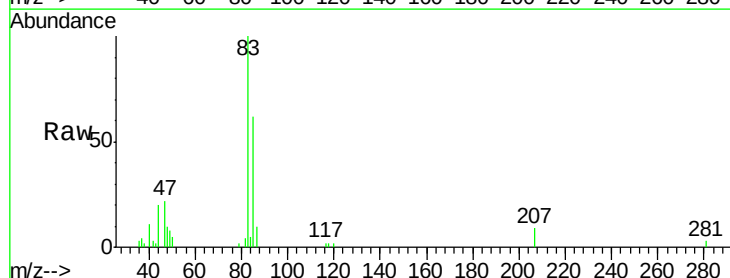
Instrument :
MSVOA_N
ClientSampled :

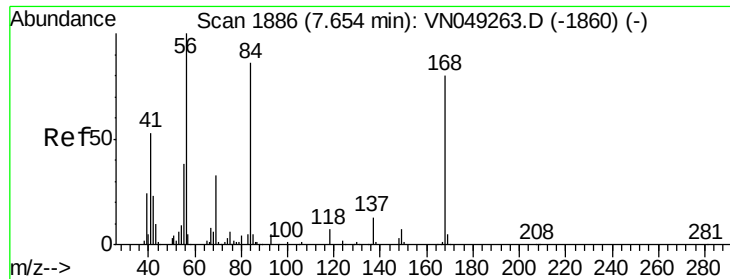
Tot Ion: 43 Resp: 16536
Ion Ratio Lower Upper
43 100
72 20.9 20.2 30.2



#30
Chloroform
Concen: 0.99 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion: 83 Resp: 25727
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5

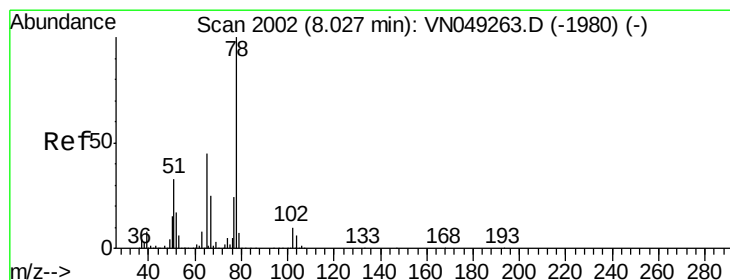
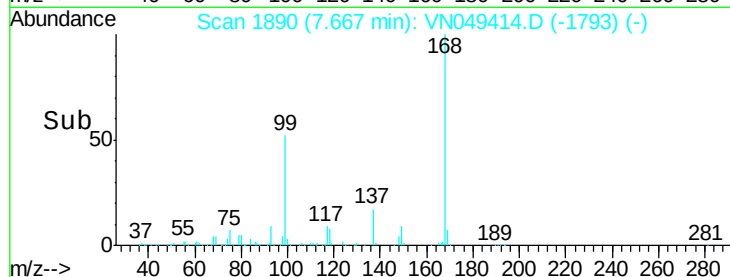
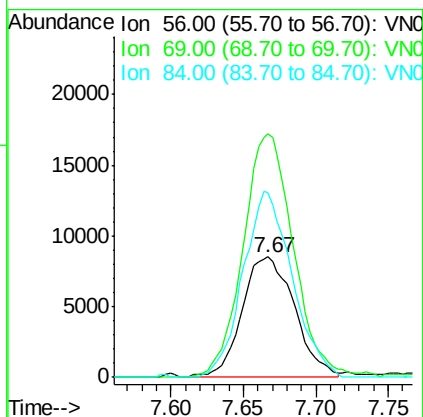
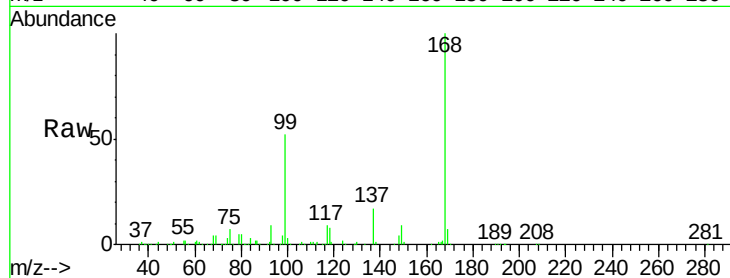




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

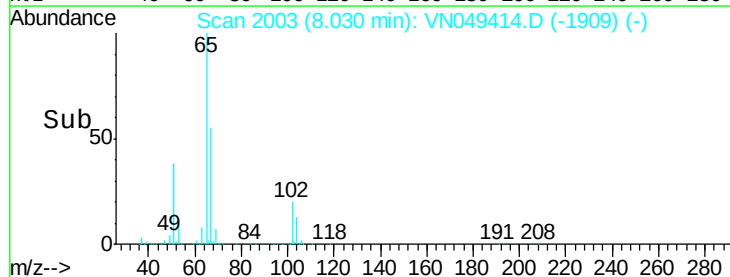
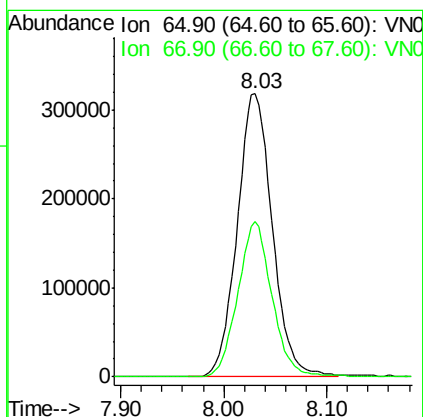
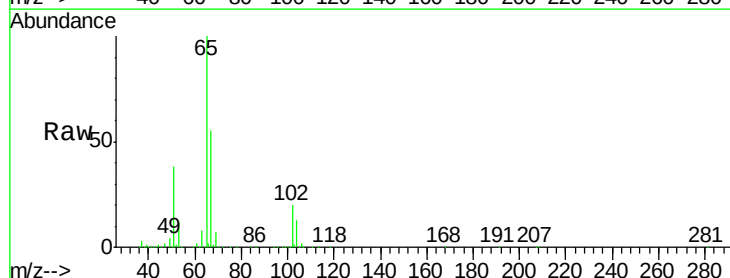
Instrument :
MSVOA_N
ClientSampled :

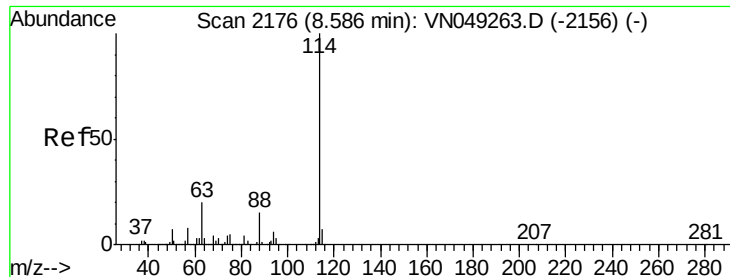
Tot Ion: 56 Resp: 21418
Ion Ratio Lower Upper
56 100
69 202.7 25.0 37.4#
84 154.0 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.46 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion: 65 Resp: 753300
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8

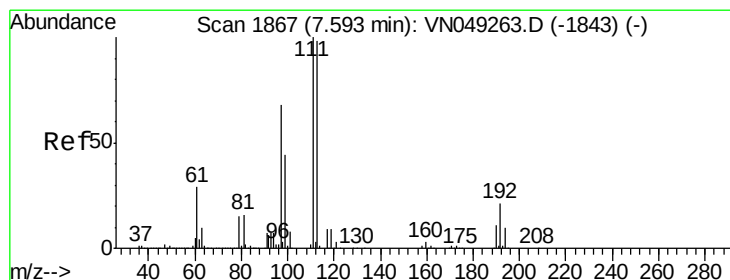
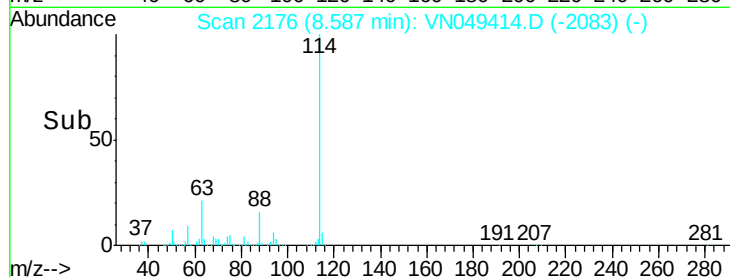
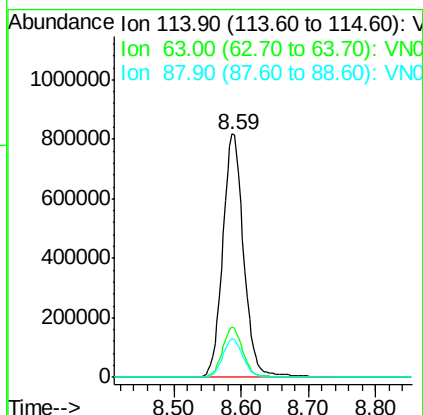
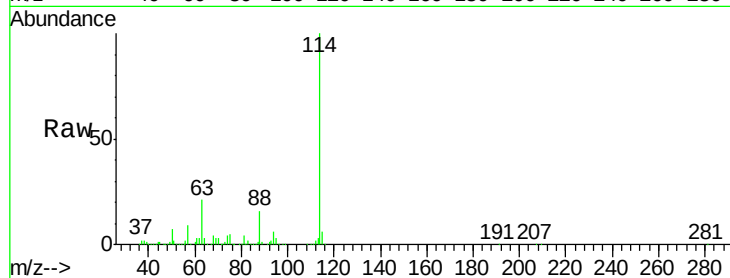




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

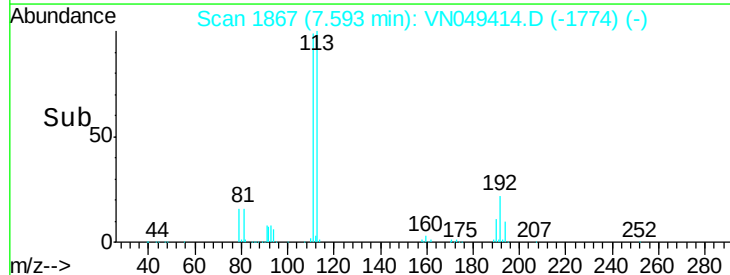
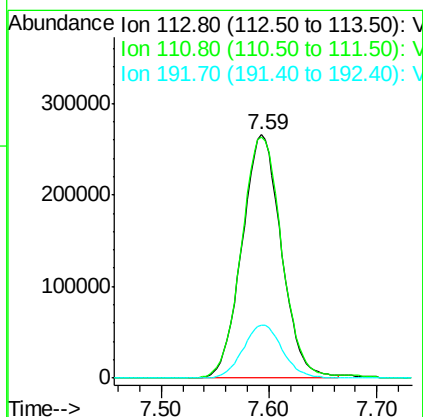
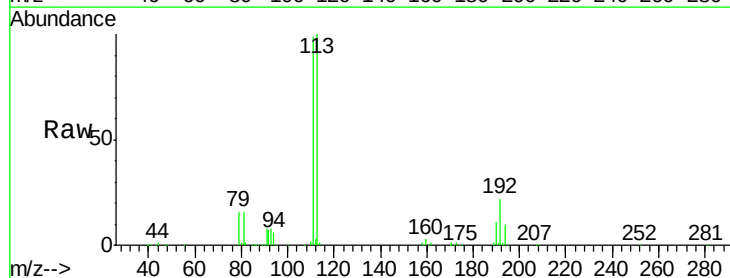
Instrument :
 MSVOA_N
 ClientSampleId :

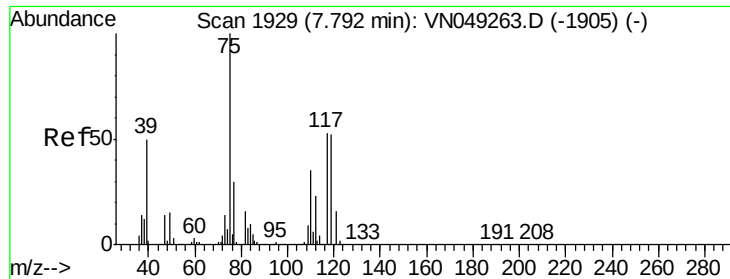
Tot Ion:114 Resp: 1776679
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

Tgt Ion:113 Resp: 673011
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 21.9 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.84 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

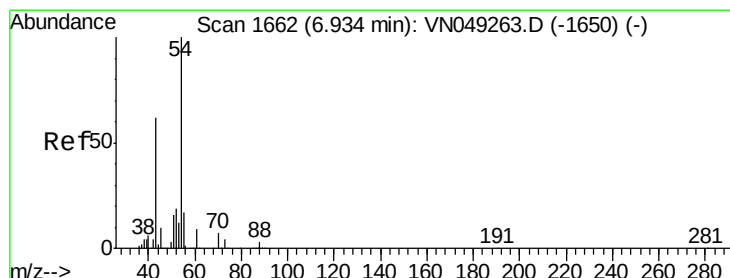
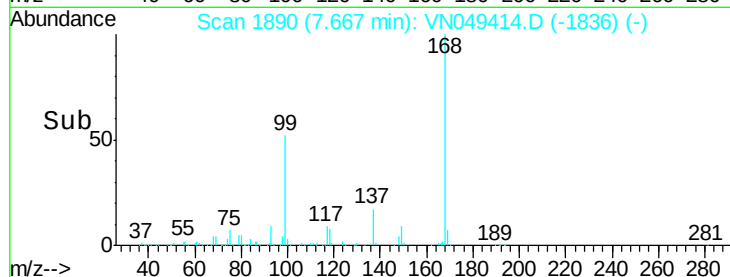
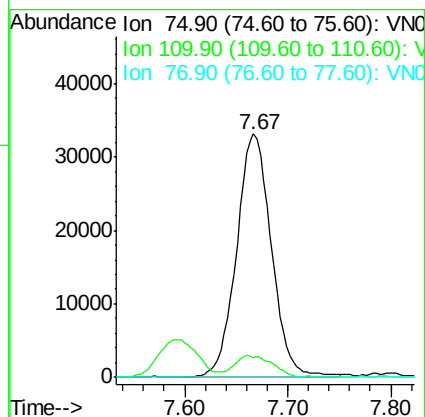
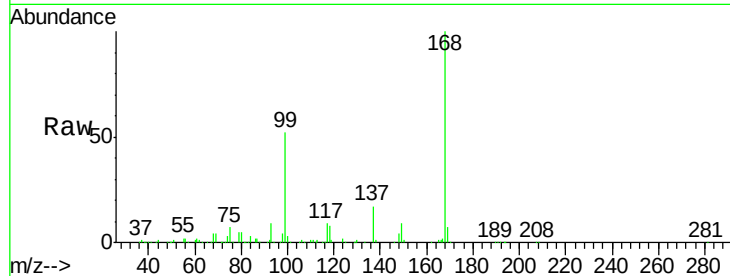
Tot Ion: 75 Resp: 78152

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.49 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. -0.09 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

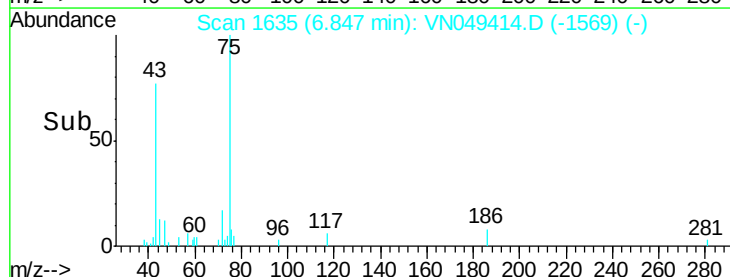
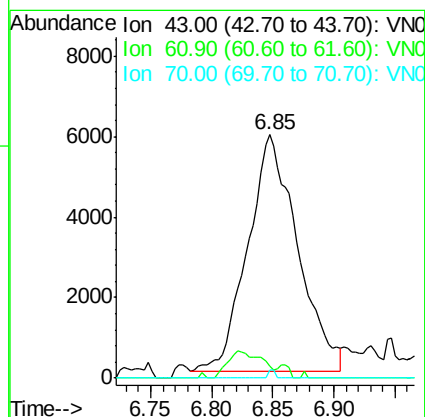
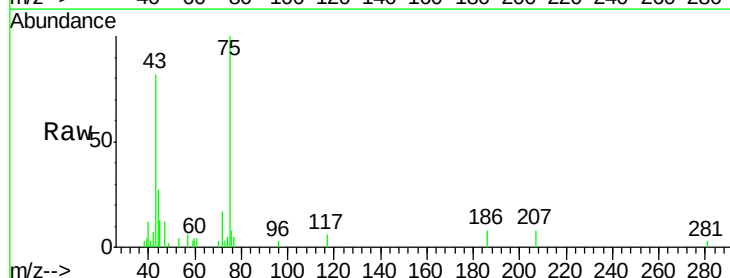
Tgt Ion: 43 Resp: 16536

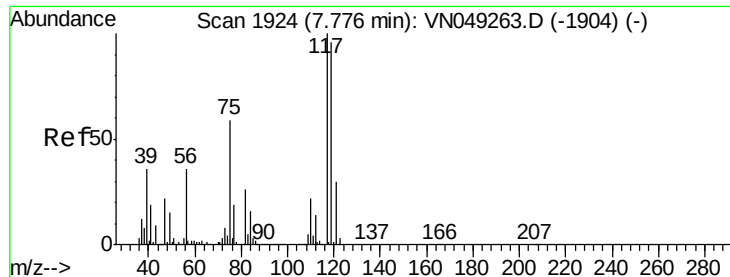
Ion Ratio Lower Upper

43 100

61 1.1 11.0 16.4#

70 0.4 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 4.92 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampled :

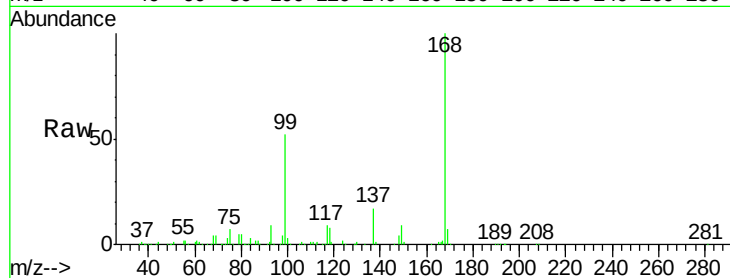
Tot Ion:117 Resp: 103766

Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

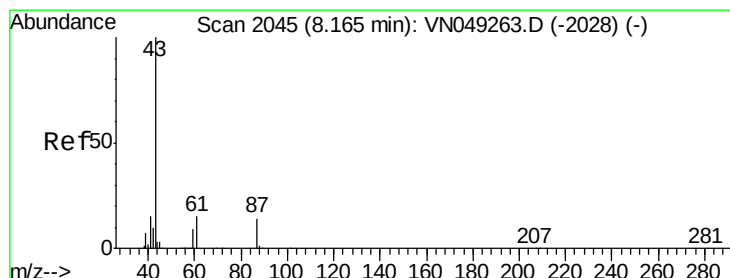
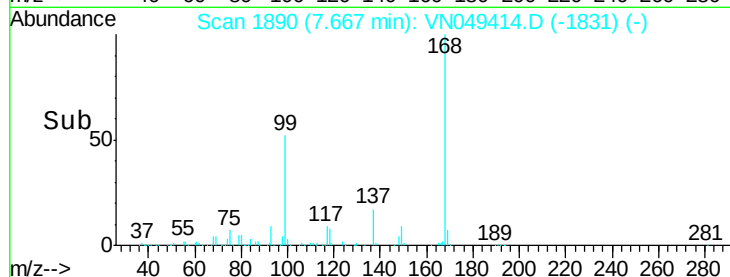
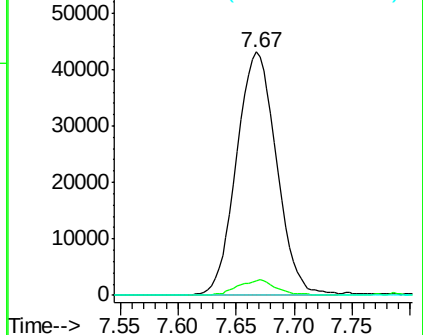
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 11.05 ug/l

RT: 8.25 min Scan# 2072

Delta R.T. 0.09 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

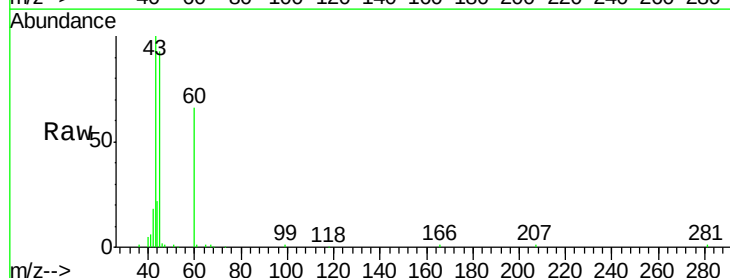
Tgt Ion: 43 Resp: 233720

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

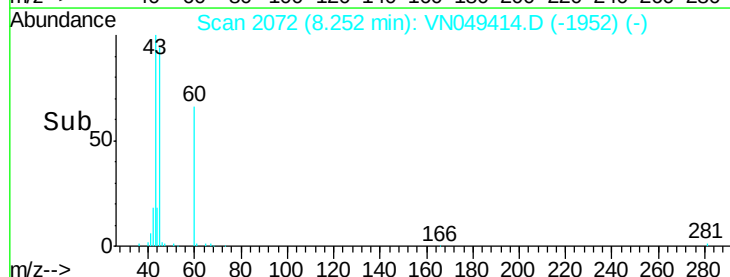
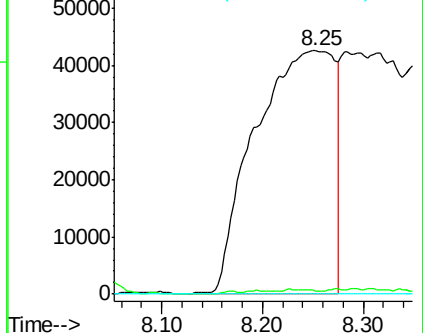
87 0.0 9.4 14.0#

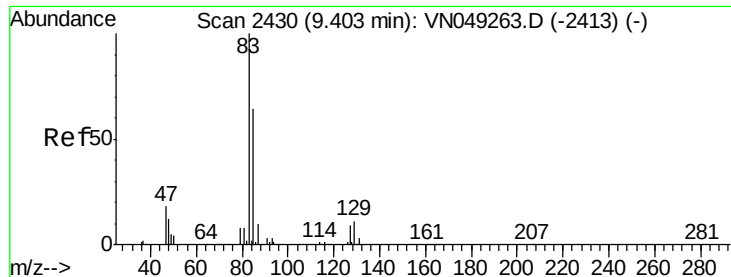


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.46 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

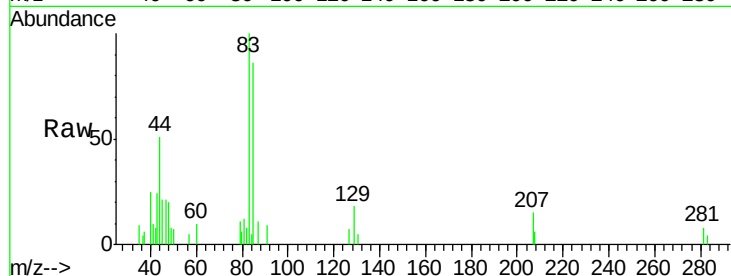
Tot Ion: 83 Resp: 9603

Ion Ratio Lower Upper

83 100

85 85.6 49.4 74.0#

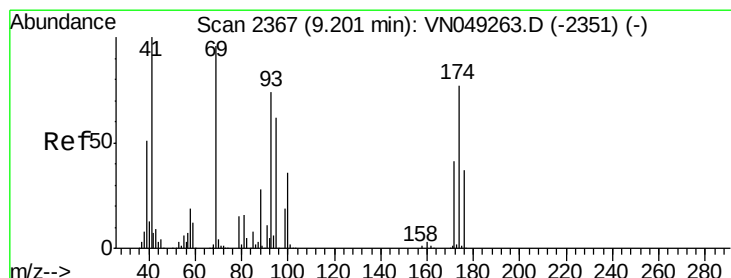
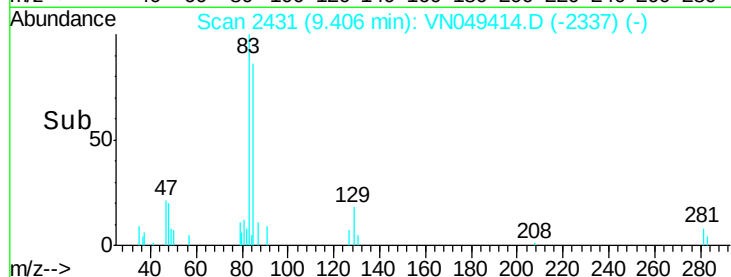
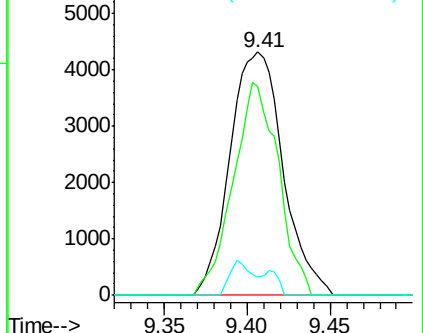
127 7.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049414.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049414.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049414.D (-2337) (-)



#49

1,4-Dioxane

Concen: 0.66 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

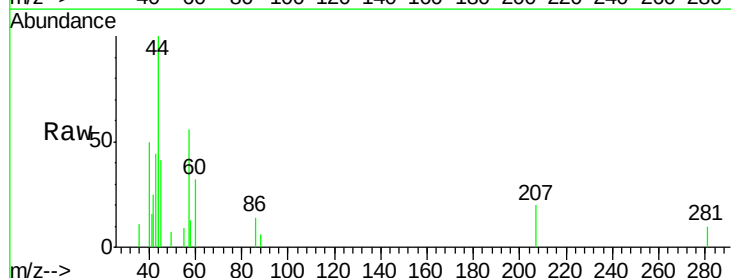
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

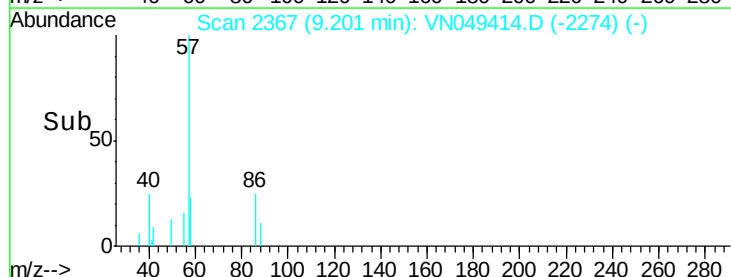
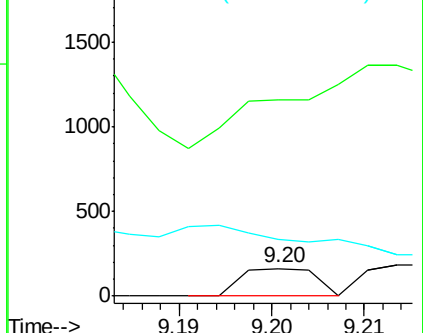
58 0.0 58.9 88.3#

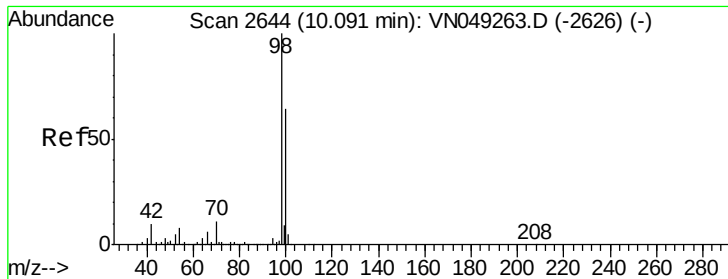


Abundance Ion 88.00 (87.70 to 88.70): VN049414.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049414.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049414.D (-2274) (-)





#50

Toluene-d8

Concen: 44.05 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

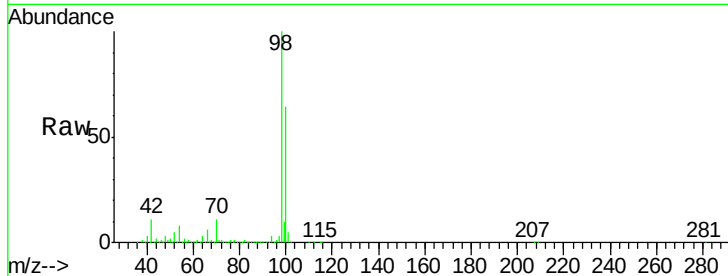
ClientSampled :

Tot Ion: 98 Resp: 2410715

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049414.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049414.D (-2551) (-)

10.09

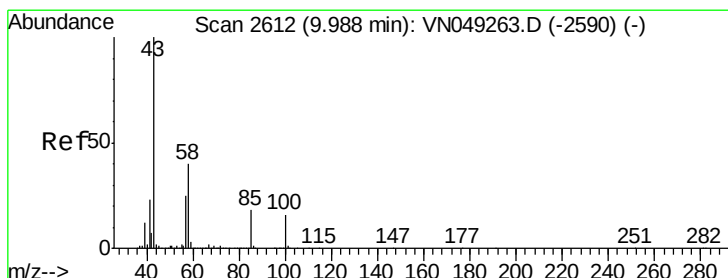
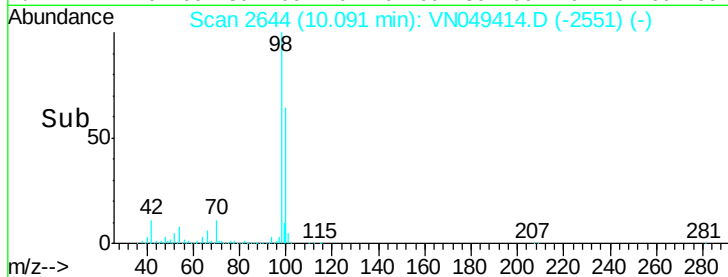
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049414.D

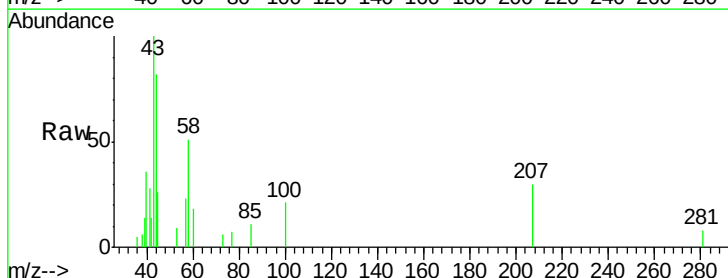
Acq: 20 Jun 2018 4:29

Tgt Ion: 43 Resp: 4408

Ion Ratio Lower Upper

43 100

58 44.3 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049414.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049414.D (-2519) (-)

9.99

3000

2500

2000

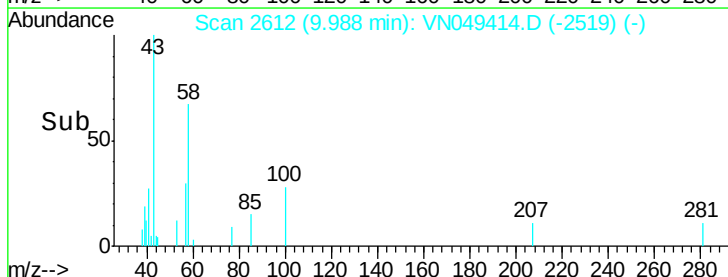
1500

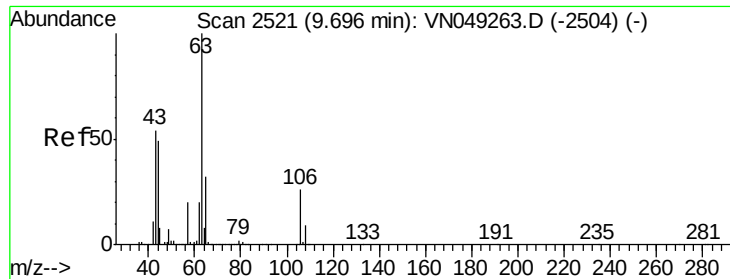
1000

500

0

Time-->

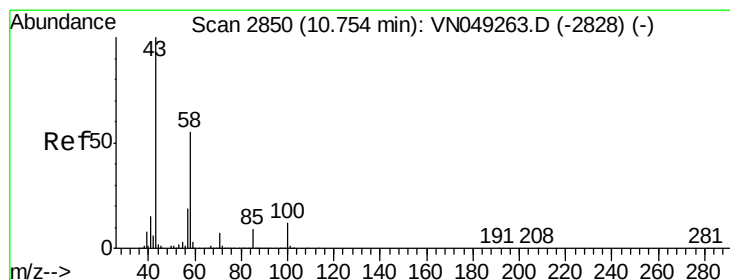
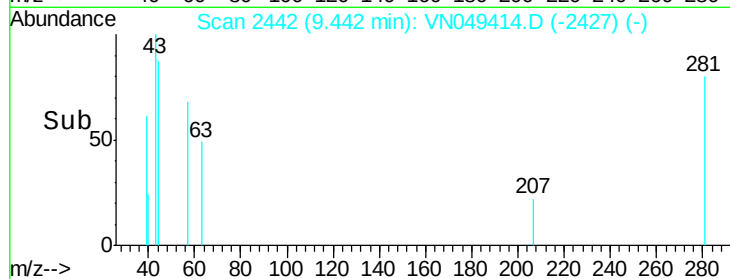
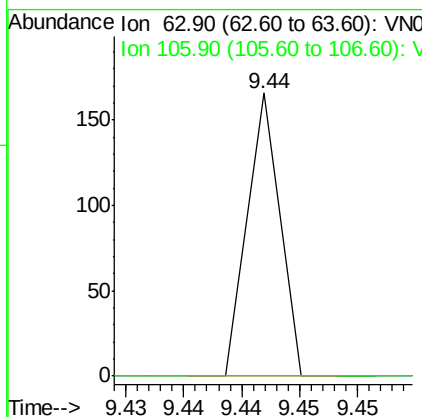
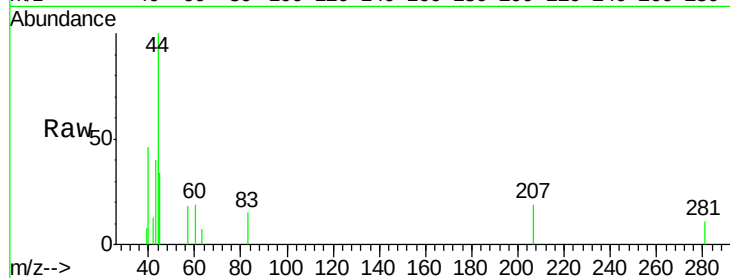




#58
 2-Chloroethyl vinyl ether
 Concen: 14.33 ug/l
 RT: 9.44 min Scan# 2442
 Delta R.T. -0.25 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

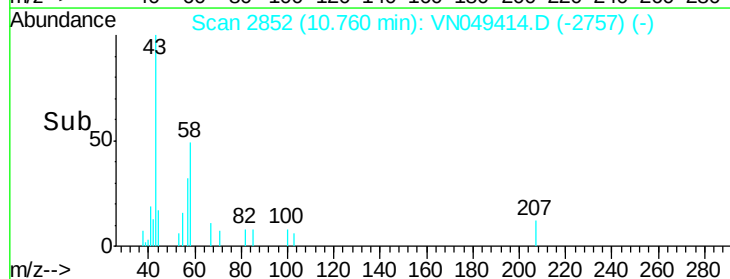
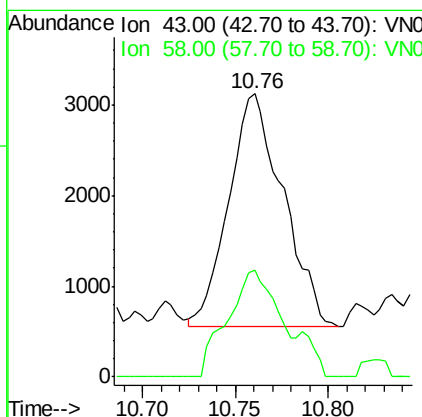
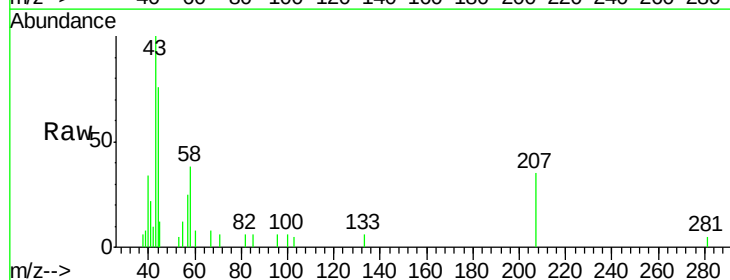
Instrument :
 MSVOA_N
 ClientSampleId :

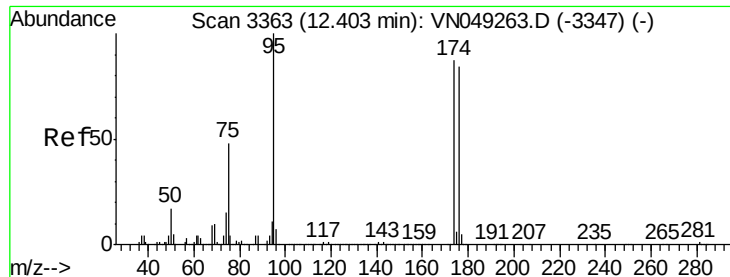
Tot Ion: 63 Resp: 32
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#



#59
 2-Hexanone
 Concen: 0.73 ug/l
 RT: 10.76 min Scan# 2852
 Delta R.T. 0.01 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

Tgt Ion: 43 Resp: 5219
 Ion Ratio Lower Upper
 43 100
 58 43.1 25.2 75.6





#62

4-Bromofluorobenzene

Concen: 31.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

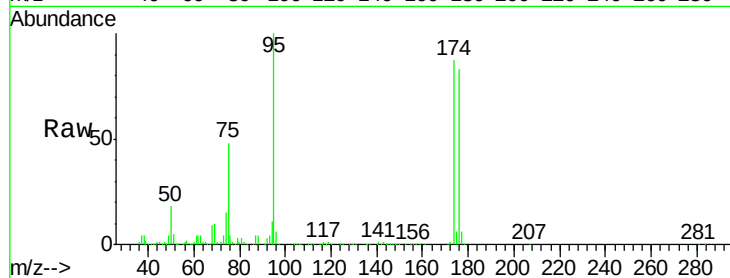
Tot Ion: 95 Resp: 572491

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

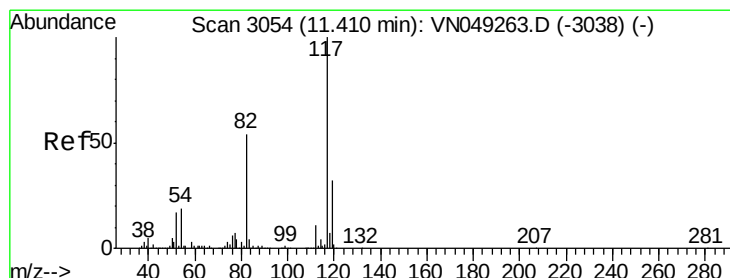
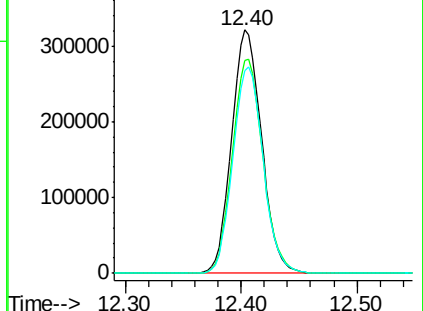
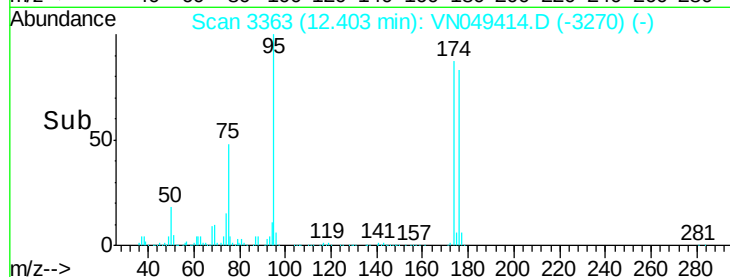
176 85.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049414.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049414.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049414.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

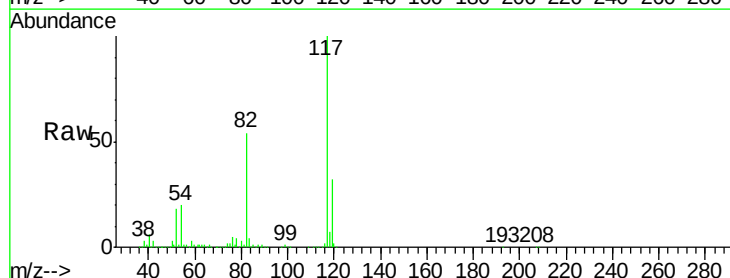
Tgt Ion: 117 Resp: 1426231

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

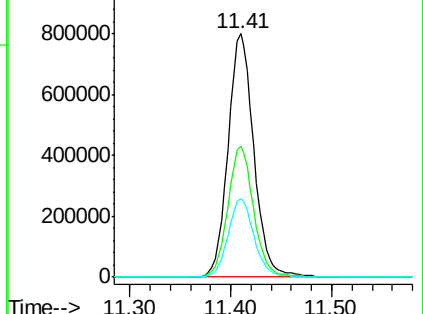
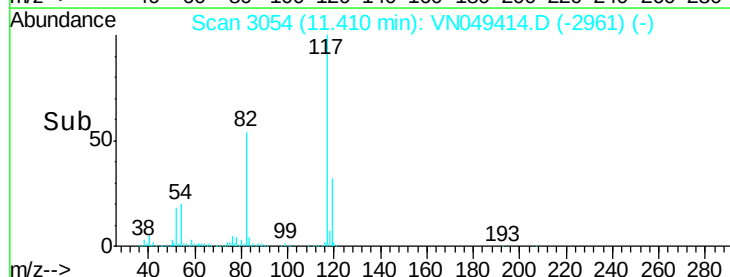
119 32.2 25.5 38.3

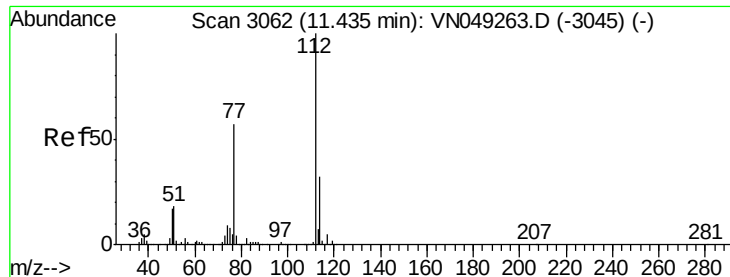


Abundance Ion 116.90 (116.60 to 117.60): VN049414.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049414.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049414.D (-2961) (-)





#65

Chlorobenzene

Concen: 0.27 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

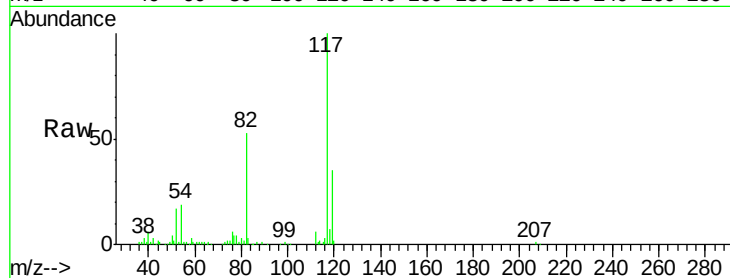
ClientSampleId :

Tot Ion:112 Resp: 10074

Ion Ratio Lower Upper

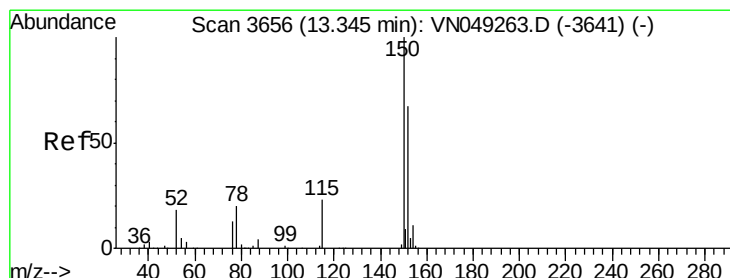
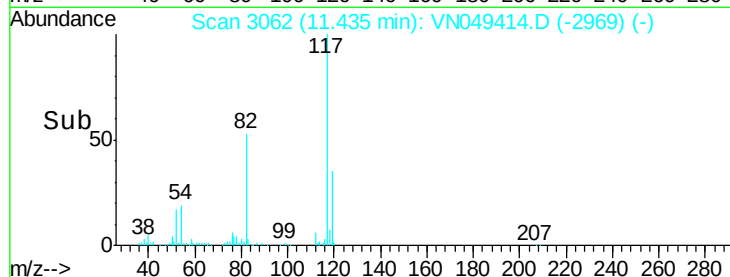
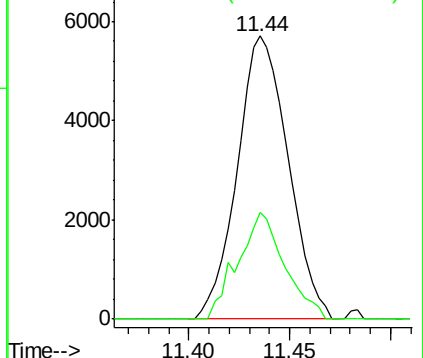
112 100

114 37.6 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: VN049414.D

Acq: 20 Jun 2018 4:29

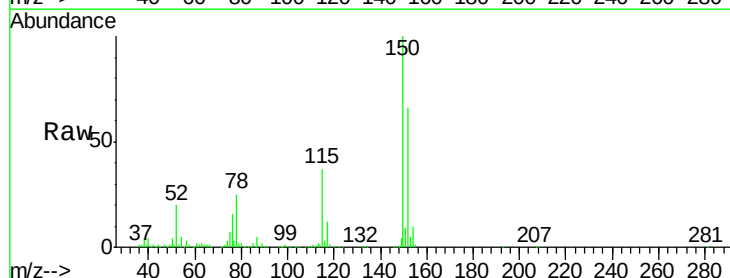
Tgt Ion:152 Resp: 370531

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

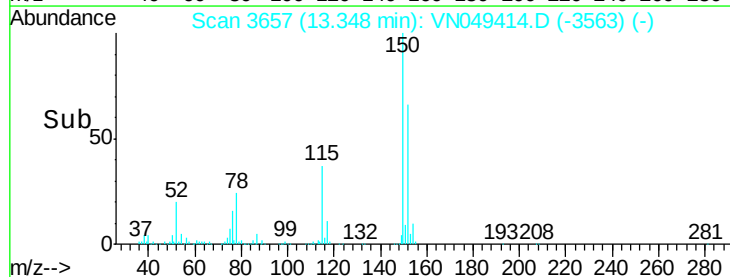
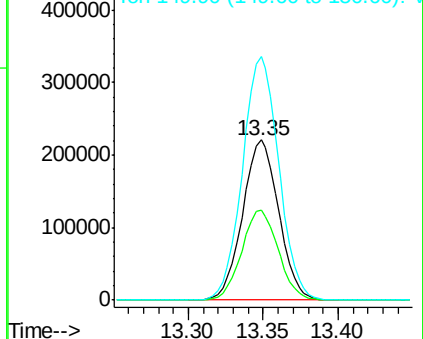
150 153.2 0.0 351.0

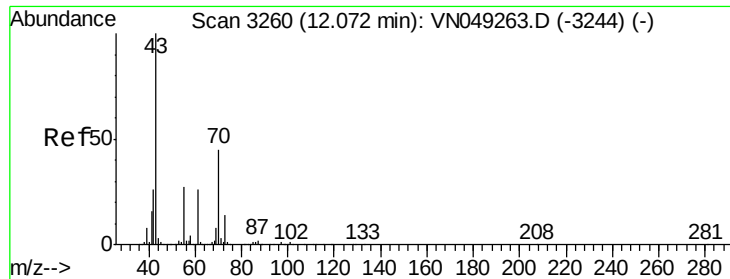


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

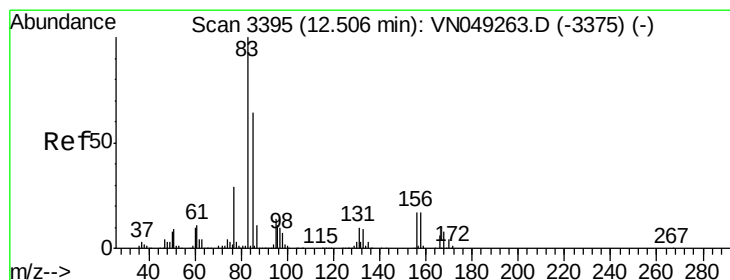
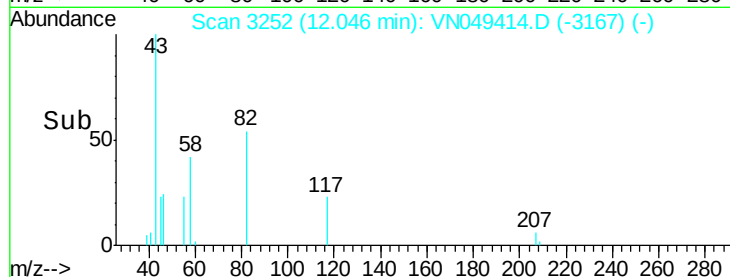
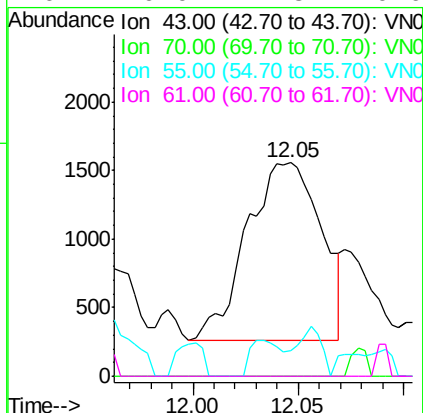
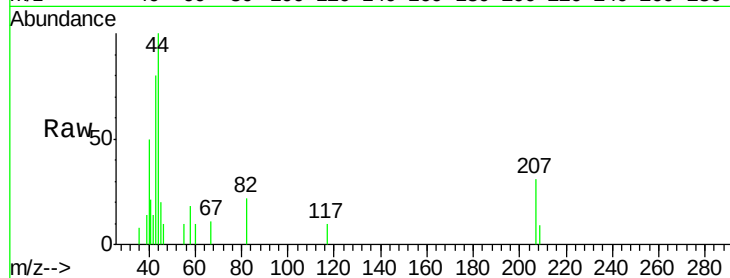




#74
N-amvl acetate
Concen: 0.40 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. -0.03 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

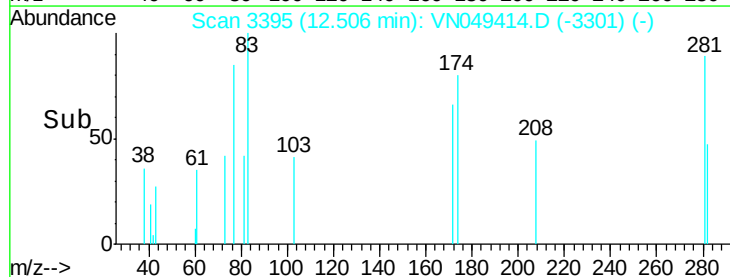
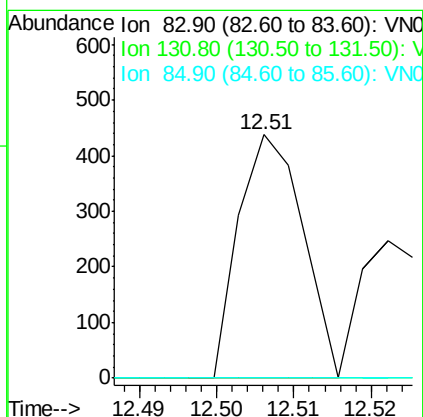
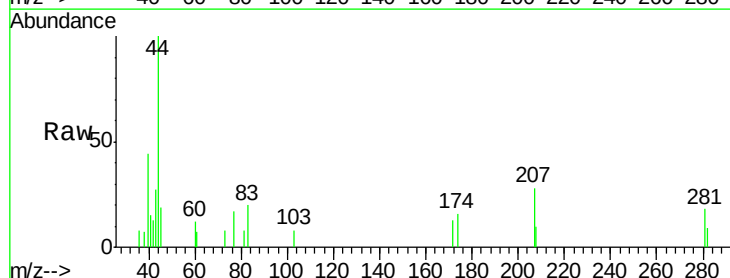
Instrument :
MSVOA_N
ClientSampleId :

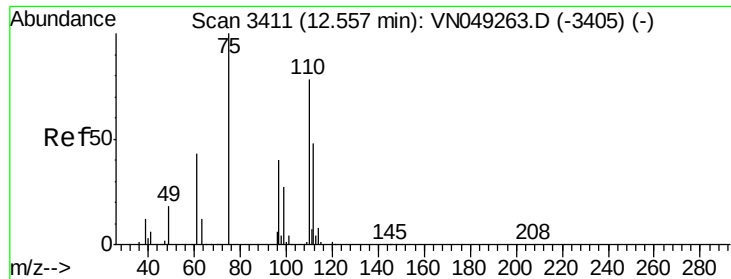
Tot Ion:	43	Resp:	3192
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.3	45.5#
55	8.2	19.4	29.2#
61	0.0	17.8	26.6#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion:	83	Resp:	253
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	0.0	32.0	96.0#

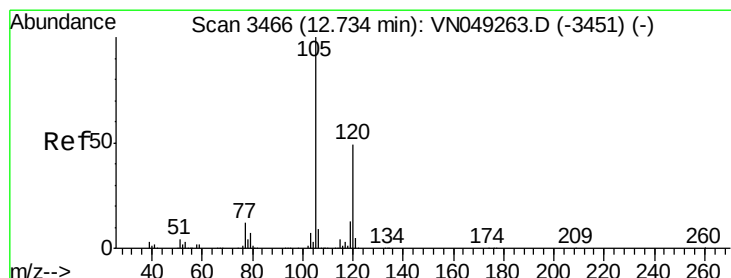
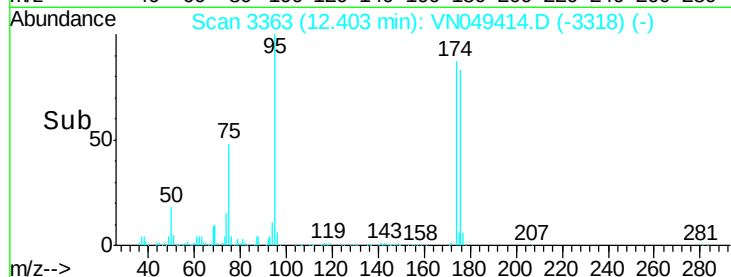
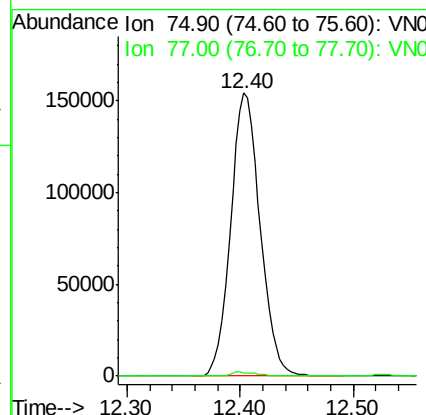
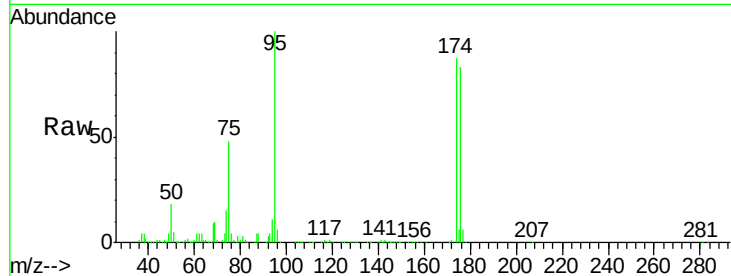




#76
 1,2,3-Trichloropropane
 Concen: 43.99 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

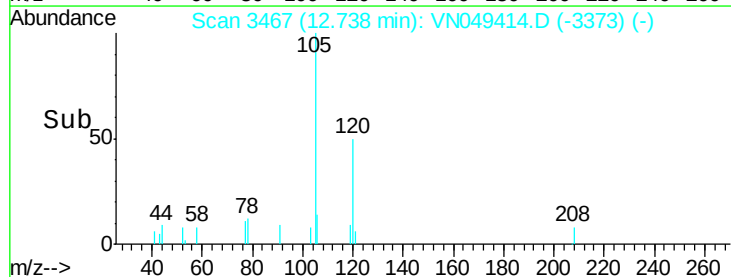
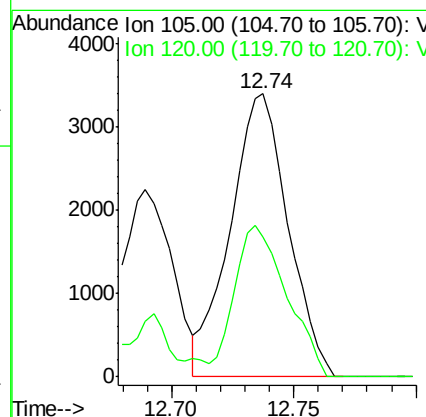
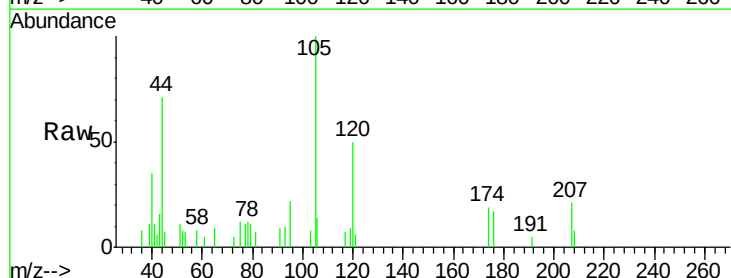
Instrument :
 MSVOA_N
 ClientSampled :

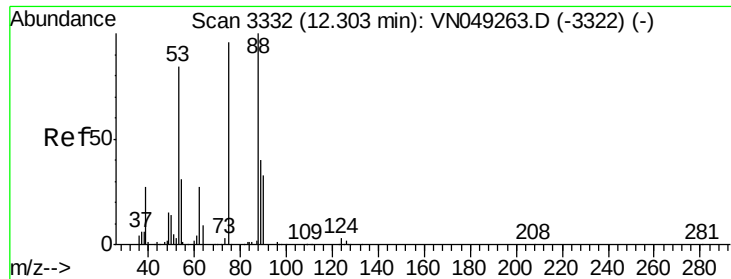
Tot Ion: 75 Resp: 278122
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

Tgt Ion: 105 Resp: 5581
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 139.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

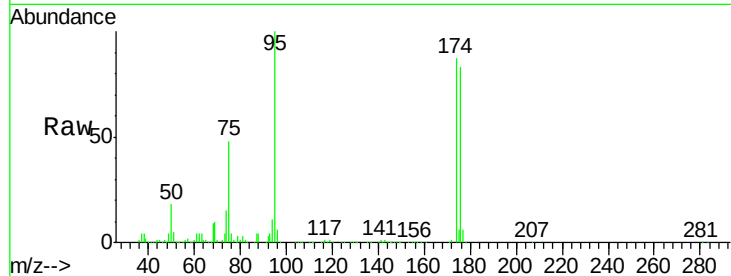
Tot Ion: 75 Resp: 278122

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

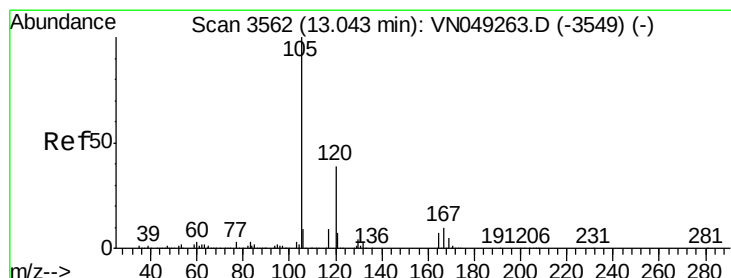
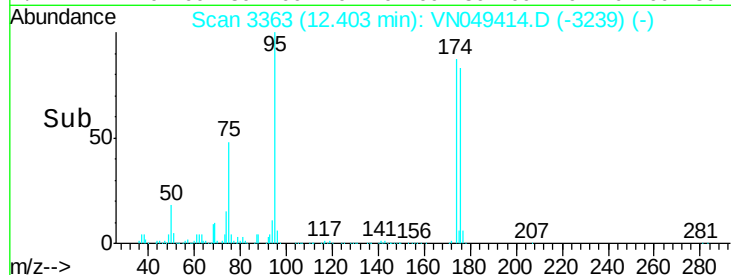
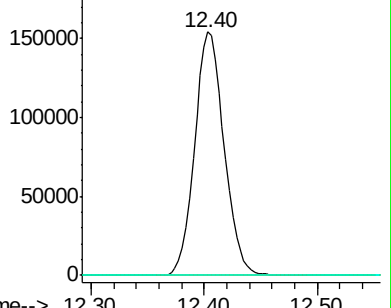
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049414.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049414.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049414.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.59 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049414.D

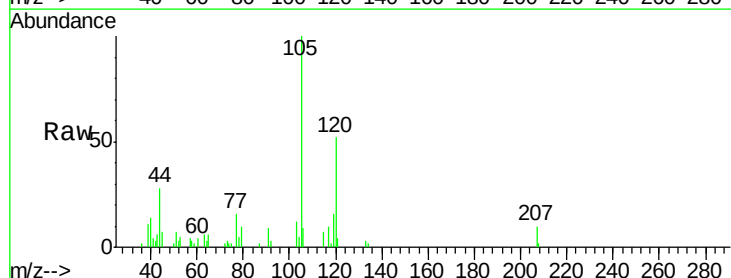
Acq: 20 Jun 2018 4:29

Tgt Ion: 105 Resp: 14985

Ion Ratio Lower Upper

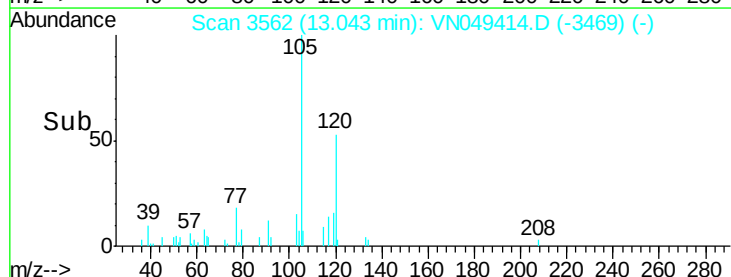
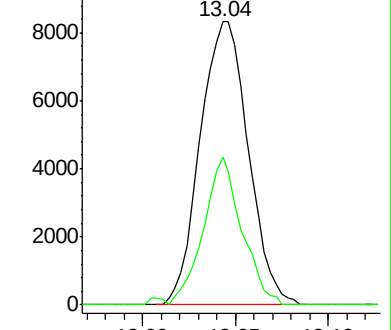
105 100

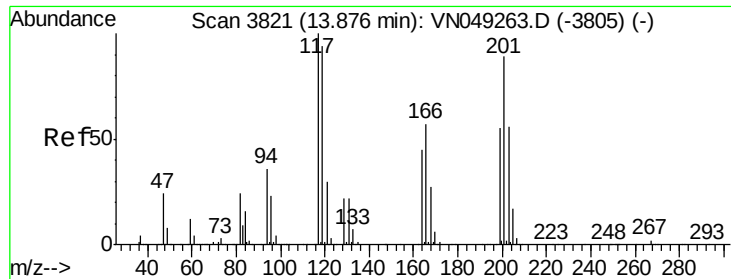
120 41.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049414.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049414.D (-3562) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3828

Delta R.T. 0.02 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

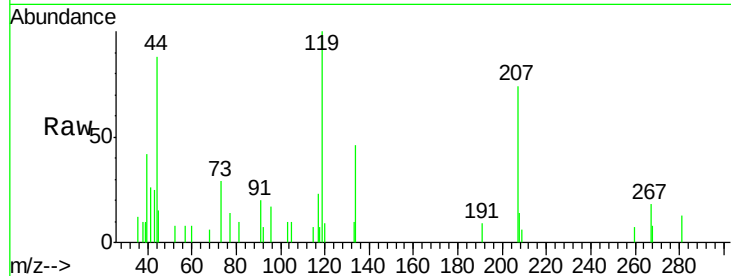
ClientSampled :

Tot Ion:117 Resp: 745

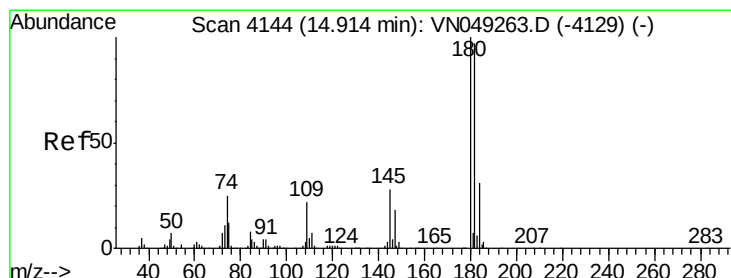
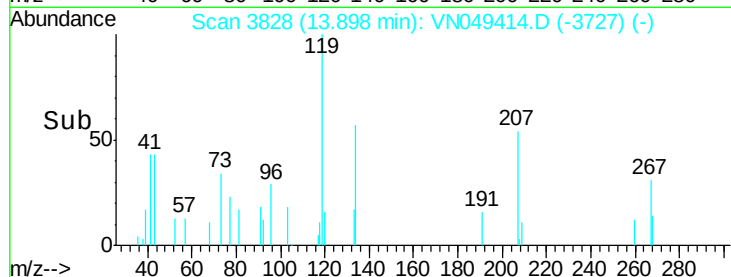
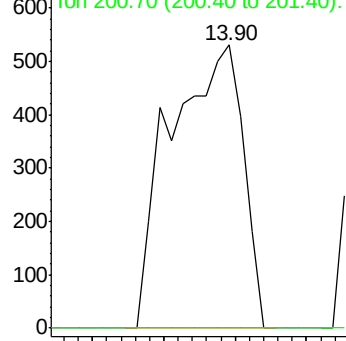
Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V



#93

1,2,4-Trichlorobenzene

Concen: 5.00 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

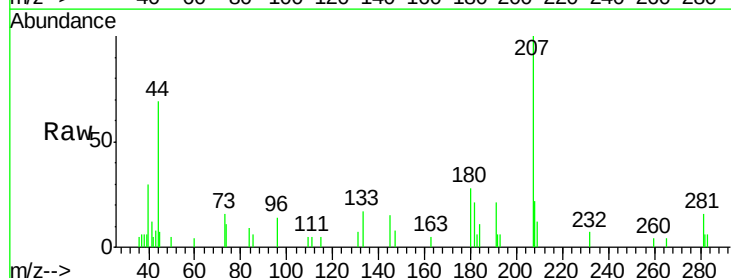
Tgt Ion:180 Resp: 1837

Ion Ratio Lower Upper

180 100

182 70.3 46.9 140.8

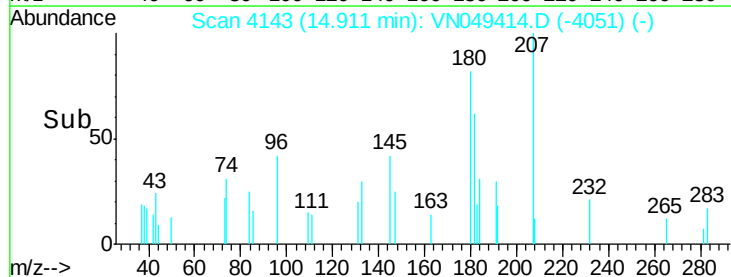
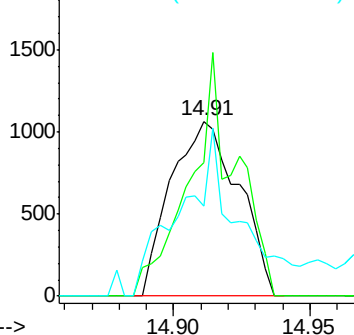
145 83.9 14.7 44.1#

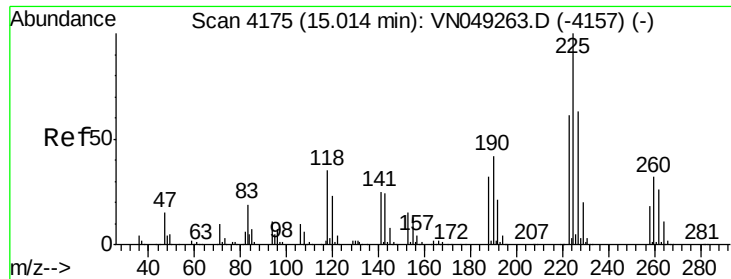


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4175

Delta R.T. 0.00 min

Lab File: VN049414.D

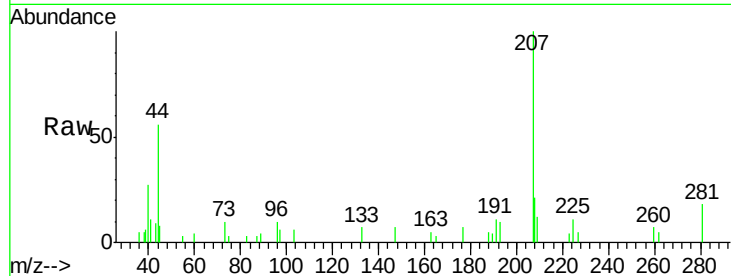
Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

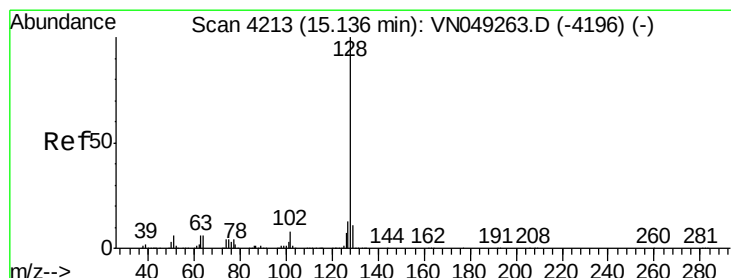
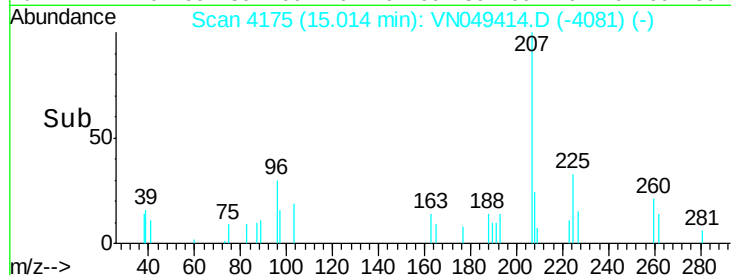
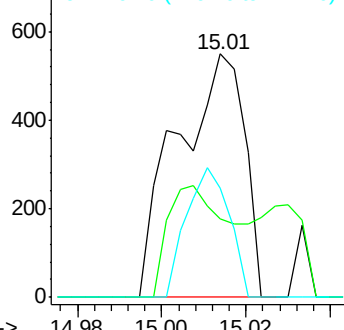
Tot Ion:	225	Resp:	609
Ion	Ratio	Lower	Upper
225	100		
223	43.8	32.1	96.3
227	33.7	31.8	95.3



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: 3.95 ug/l

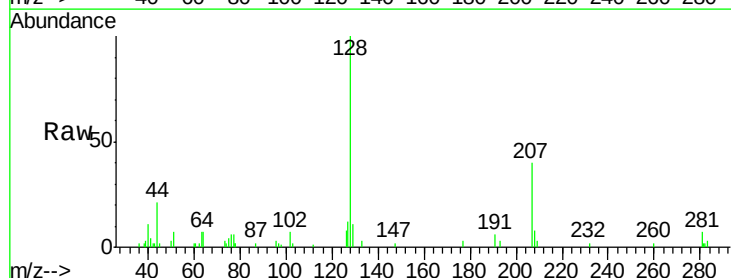
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

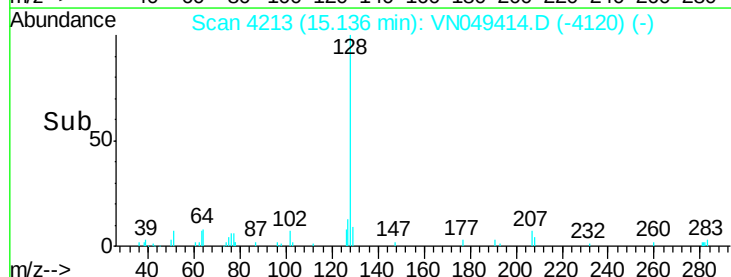
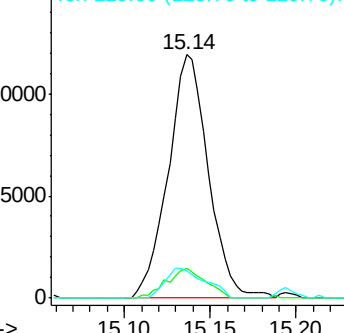
Tgt Ion:	128	Resp:	19341
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	12.2	8.5	12.7

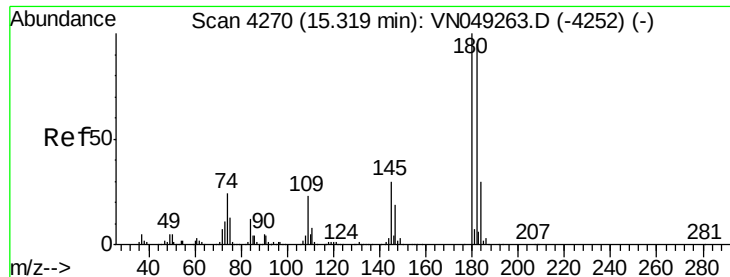


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

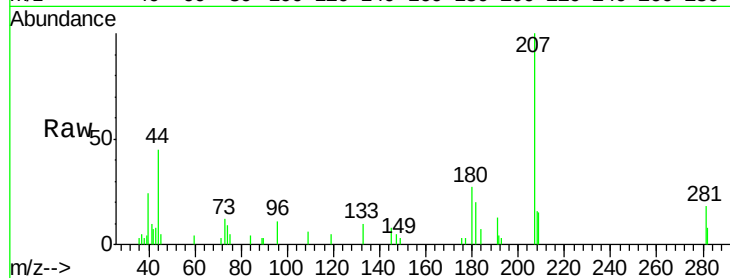




#96
 1,2,3-Trichlorobenzene
 Concen: 3.80 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049414.D
 Acq: 20 Jun 2018 4:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.3	141.8
145	57.1	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

