

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049597.D
 Acq On : 28 Jun 2018 18:25
 Operator : MD\SY
 Sample : J3715-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:40:43 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	1105775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1791758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1466983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	591650	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	743311	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	664529	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	10.09	98	2399622	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	
62) 4-Bromofluorobenzene	12.40	95	682551	37.40	ug/l	0.00
Spiked Amount			Recovery	=	74.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	7959	1.05	ug/l	99
11) Tert butyl alcohol	4.76	59	217	0.25	ug/l #	70
13) Acrolein	3.61	56	2445	2.71	ug/l #	55
14) Allyl chloride	4.55	41	111398	5.56	ug/l #	20
16) Acetone	3.82	43	76714	21.54	ug/l	96
18) Methyl Acetate	4.33	43	165859	15.28	ug/l	97
20) Methylene Chloride	4.55	84	3312473	222.72	ug/l	90
25) 2-Butanone	6.85	43	11167	2.34	ug/l #	90
29) Tetrahydrofuran	7.22	42	703	0.23	ug/l #	82
30) Chloroform	7.37	83	14681	0.58	ug/l	95
31) Cyclohexane	7.67	56	19900	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	76960	3.75	ug/l #	50
38) Carbon Tetrachloride	7.67	117	100747	4.74	ug/l #	18
43) Isopropyl Acetate	8.30	43	482597	22.63	ug/l #	64
47) Bromodichloromethane	9.41	83	6428	0.31	ug/l #	85
49) 1,4-Dioxane	9.20	88	30	0.22	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4551	0.41	ug/l #	83
65) Chlorobenzene	11.44	112	8467	0.22	ug/l	94
68) m/p-Xylenes	11.62	106	8932	0.38	ug/l	83
71) Bromoform	12.40	173	5279	0.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.46	83	65	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	328258	32.52	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	17726	0.43	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	328258	102.77	ug/l #	9
83) tert-Butylbenzene	13.04	119	9539	0.26	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	69236	1.71	ug/l	99
90) Hexachloroethane	13.89	117	1384	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.28	75	554	0.31	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	974	4.83	ug/l	94
94) Hexachlorobutadiene	15.07	225	29	Below	Cal #	1
95) Naphthalene	15.14	128	140417	10.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	672	3.52	ug/l #	1

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

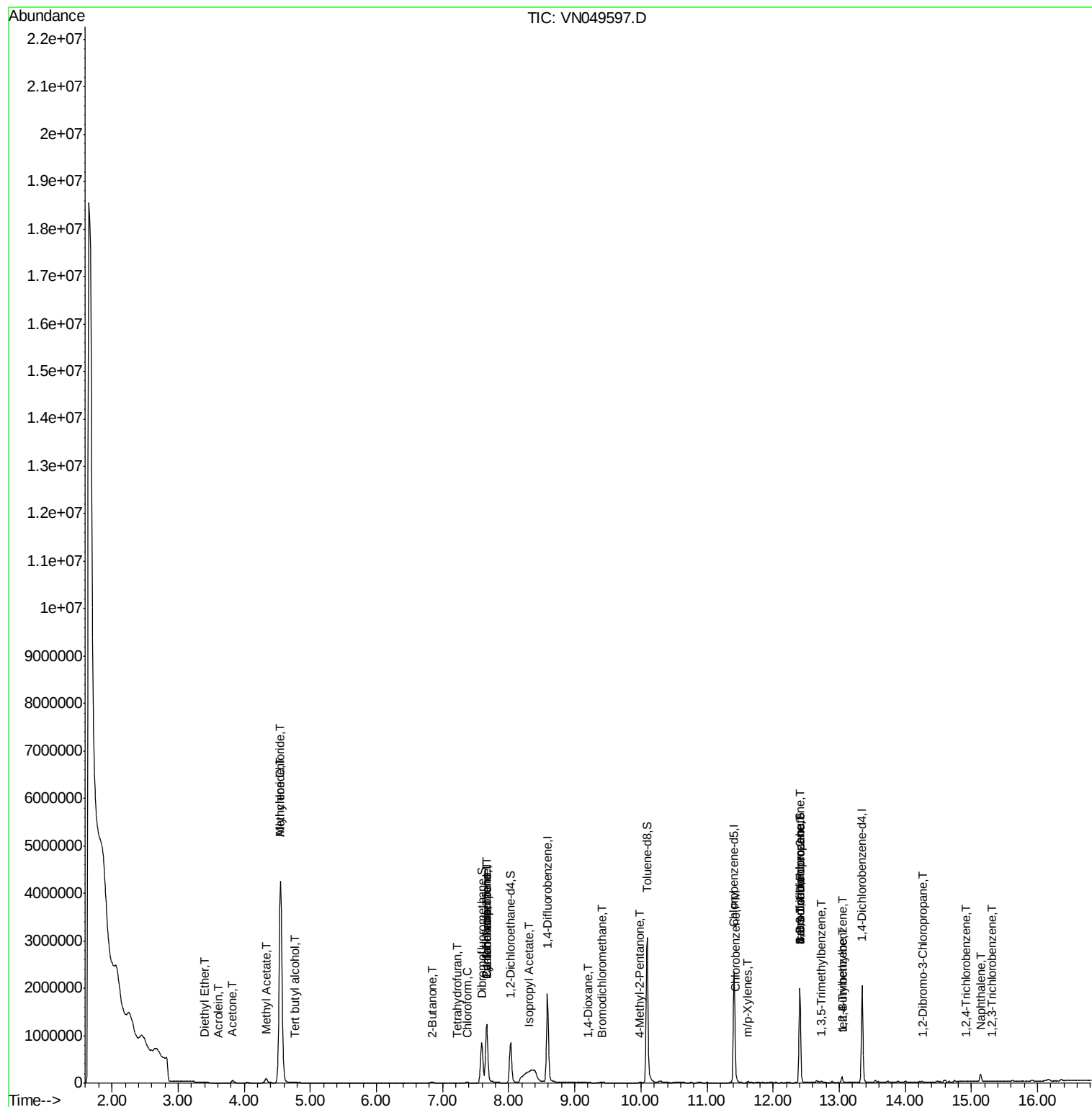
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

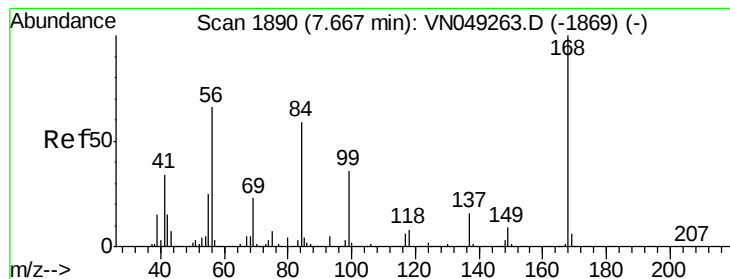
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

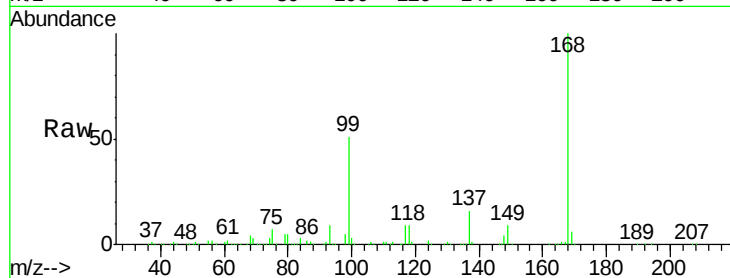
ClientSampleId :

Tot Ion:168 Resp: 1105775

Ion Ratio Lower Upper

168 100

99 51.0 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

400000

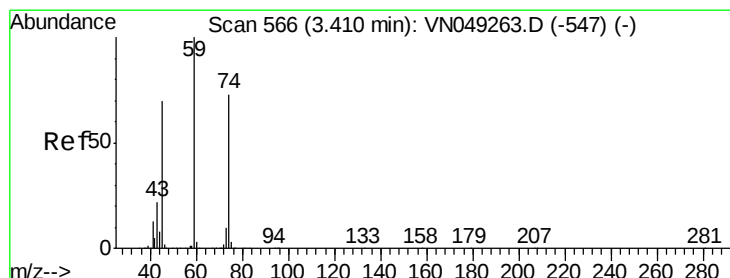
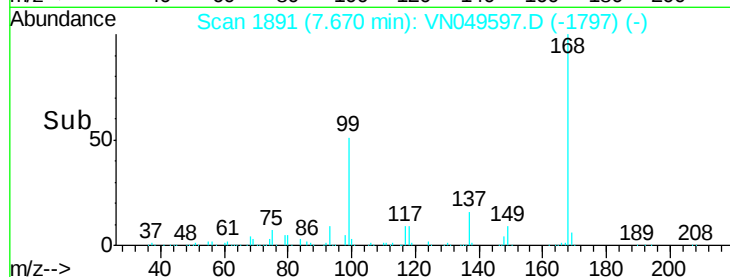
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.05 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049597.D

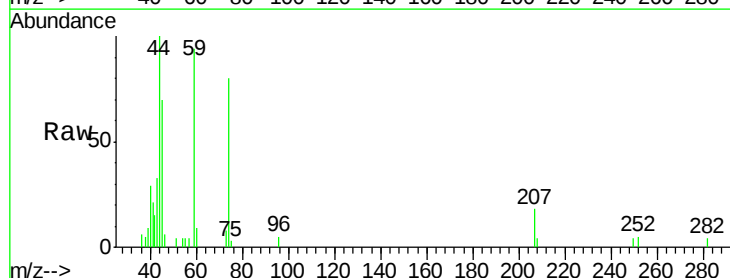
Acq: 28 Jun 2018 18:25

Tgt Ion: 74 Resp: 7959

Ion Ratio Lower Upper

74 100

45 103.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

4000

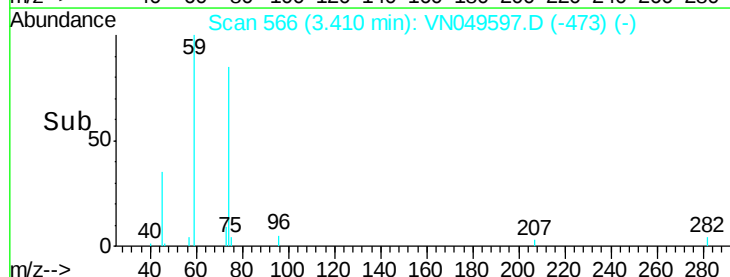
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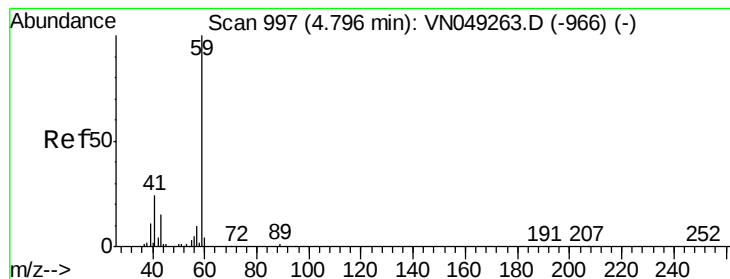
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1000

0

Time-->



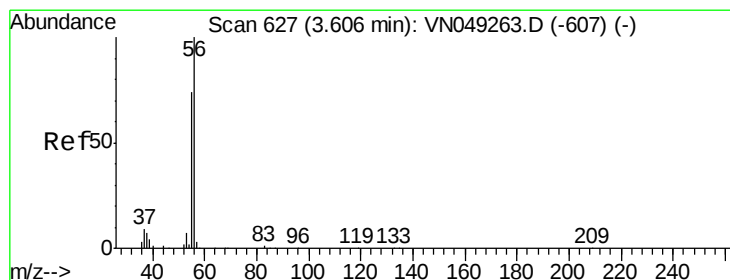
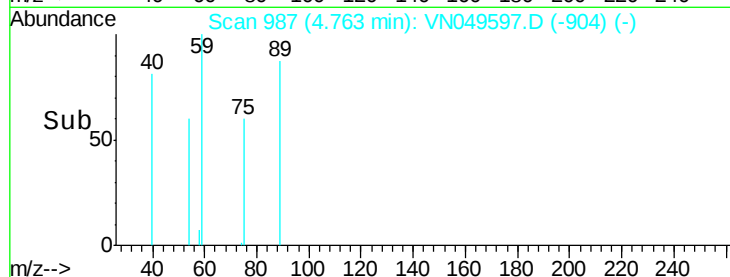
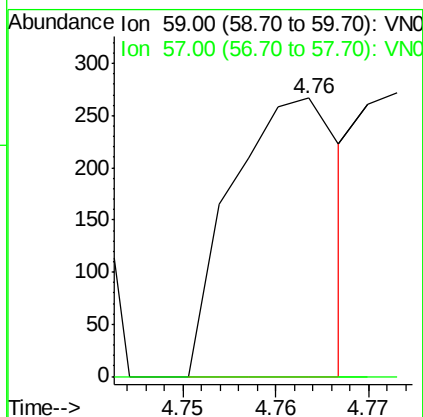
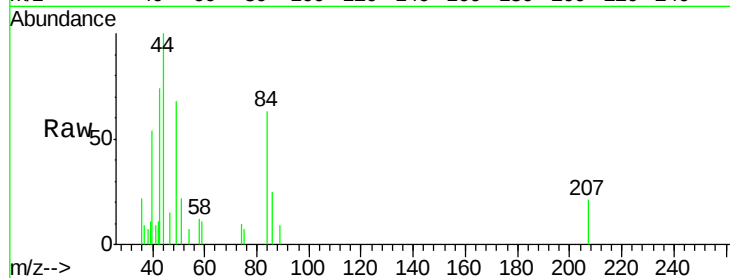


#11

Tert butyl alcohol
 Concen: 0.25 ug/l
 RT: 4.76 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Instrument :
 MSVOA_N
 ClientSampled :

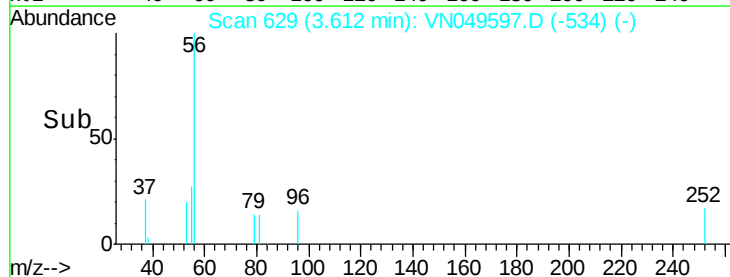
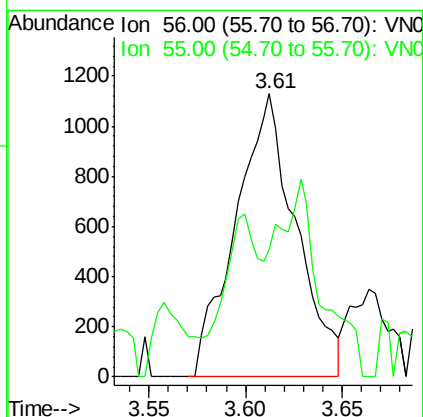
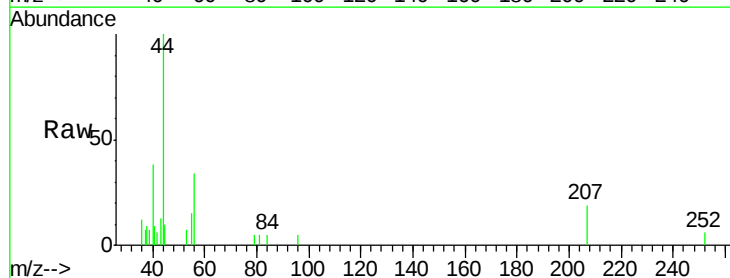
Tot Ion: 59 Resp: 217
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

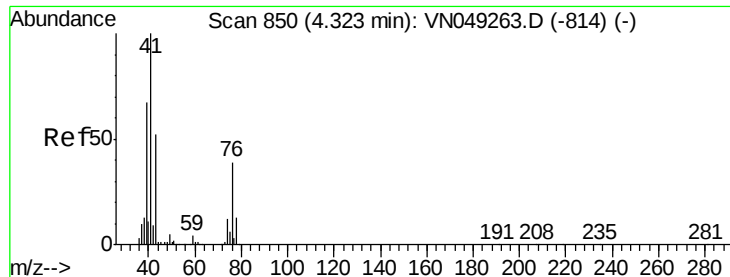


#13

Acrolein
 Concen: 2.71 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Tgt Ion: 56 Resp: 2445
 Ion Ratio Lower Upper
 56 100
 55 34.0 57.1 85.7#





#14

Allvl chloride

Concen: 5.56 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

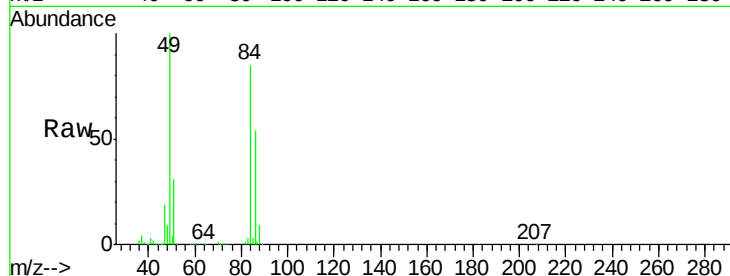
Tot Ion: 41 Resp: 111398

Ion Ratio Lower Upper

41 100

39 0.2 62.5 93.7#

76 0.1 27.1 40.7#

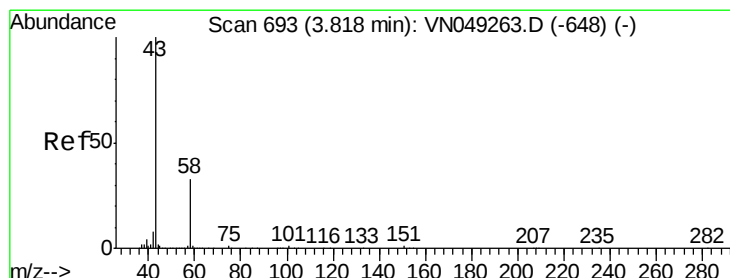
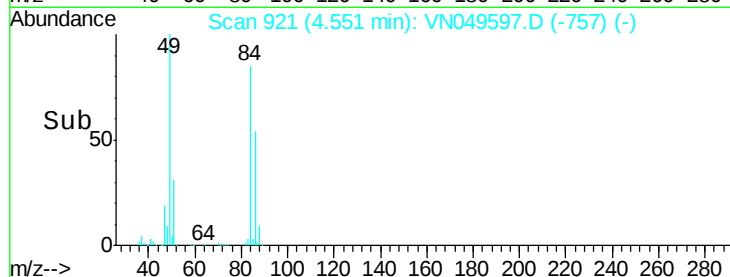
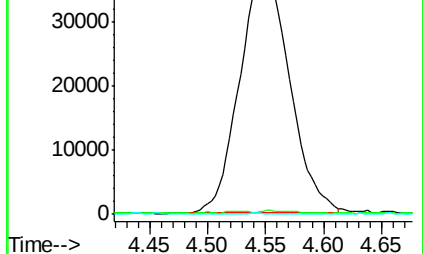


Abundance Ion 41.00 (40.70 to 41.70): VN049597.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN049597.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN049597.D (-757) (-)

Time-->



#16

Acetone

Concen: 21.54 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049597.D

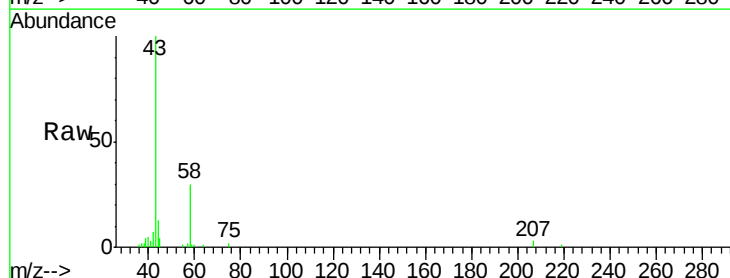
Acq: 28 Jun 2018 18:25

Tgt Ion: 43 Resp: 76714

Ion Ratio Lower Upper

43 100

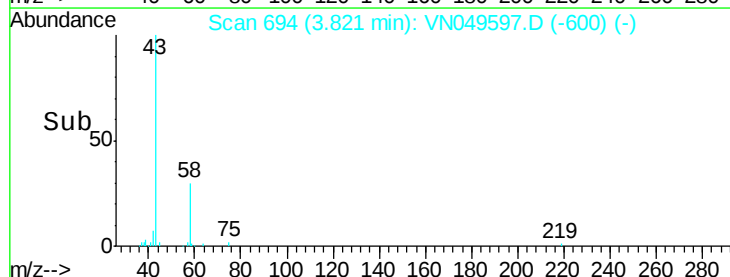
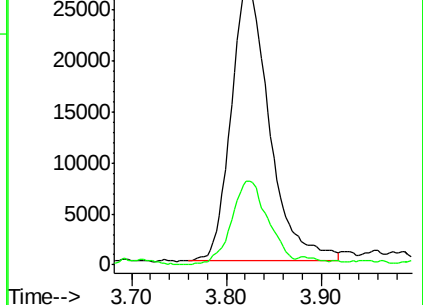
58 30.1 22.4 33.6

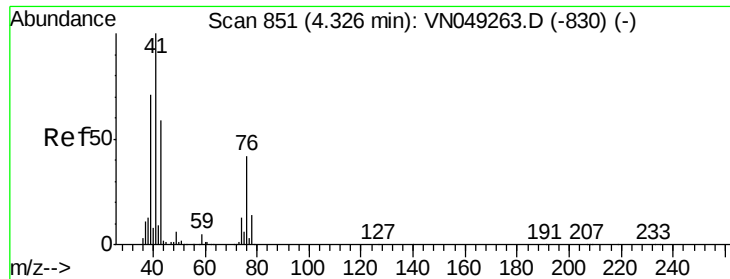


Abundance Ion 43.00 (42.70 to 43.70): VN049597.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049597.D (-600) (-)

Time-->

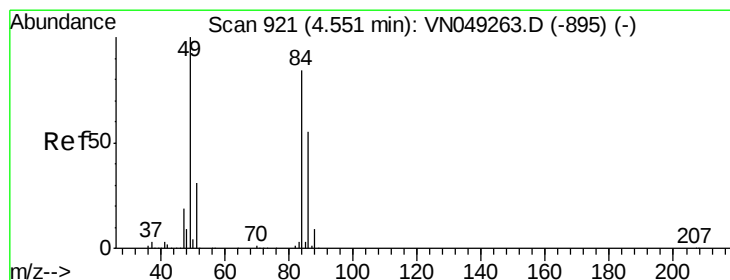
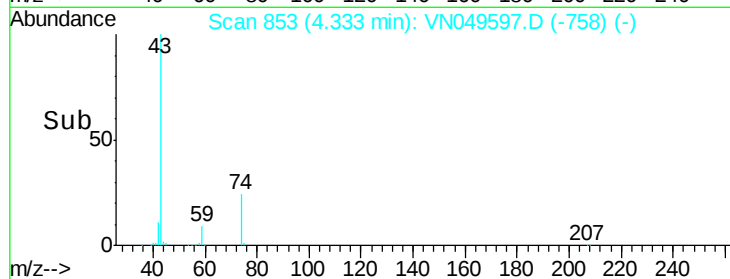
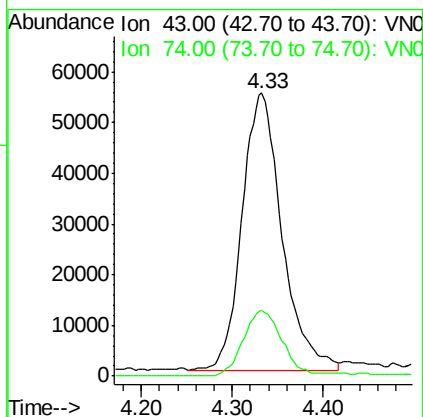
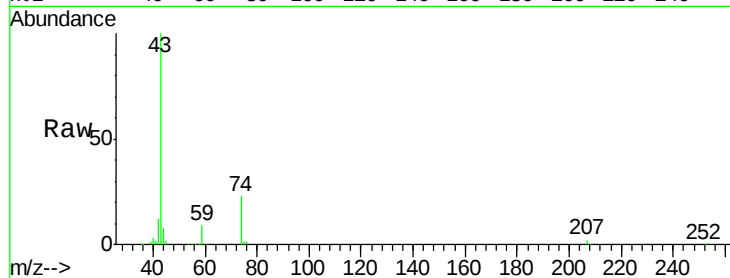




#18
Methvl Acetate
Concen: 15.28 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

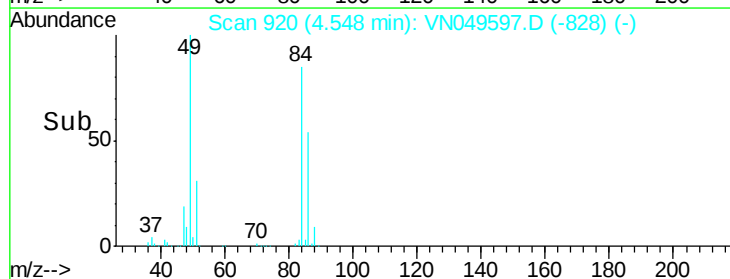
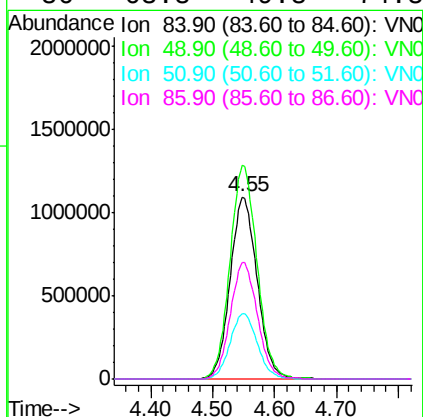
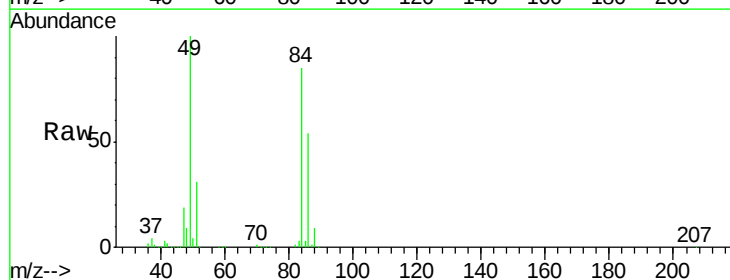
Instrument :
MSVOA_N
ClientSampleId :

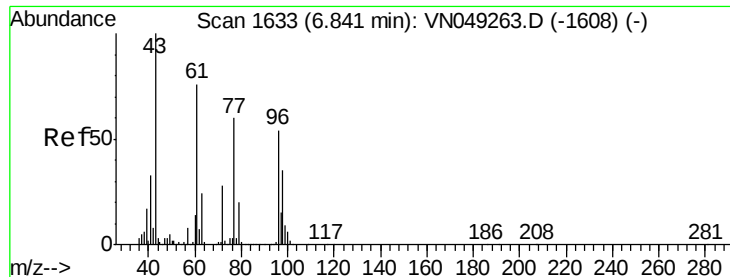
Tot Ion: 43 Resp: 165859
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 222.72 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 84 Resp: 3312473
Ion Ratio Lower Upper
84 100
49 117.2 106.9 160.3
51 36.0 32.7 49.1
86 63.8 49.8 74.8

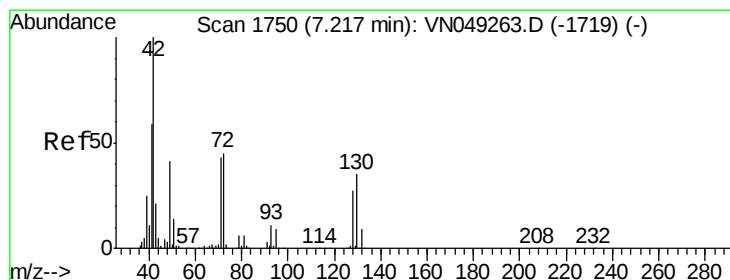
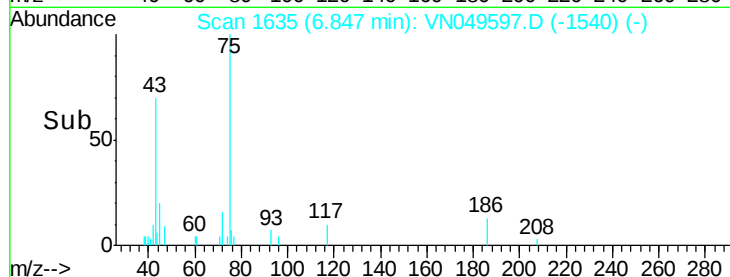
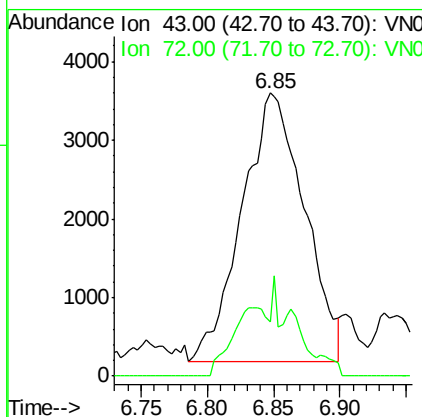
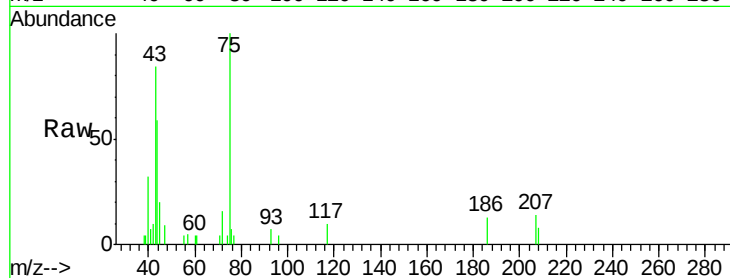




#25
2-Butanone
Concen: 2.34 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

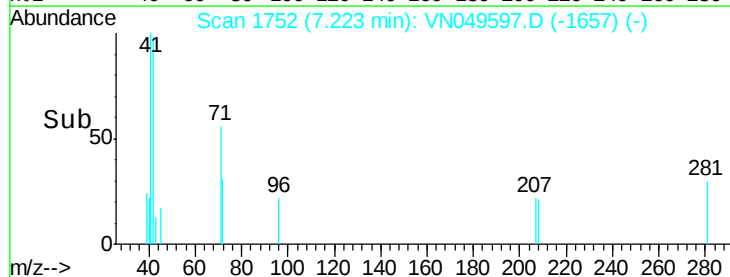
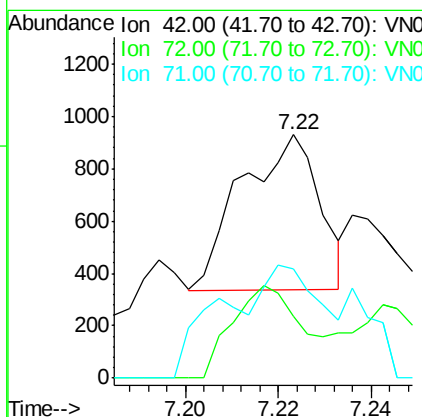
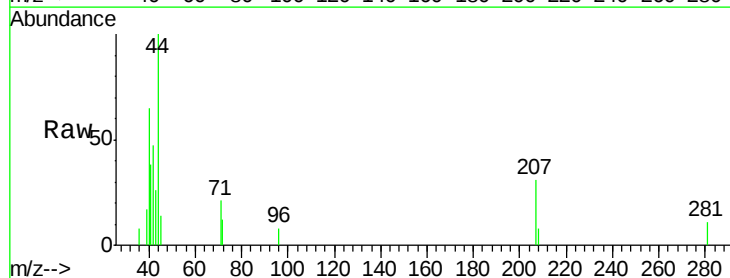
Instrument :
MSVOA_N
ClientSampled :

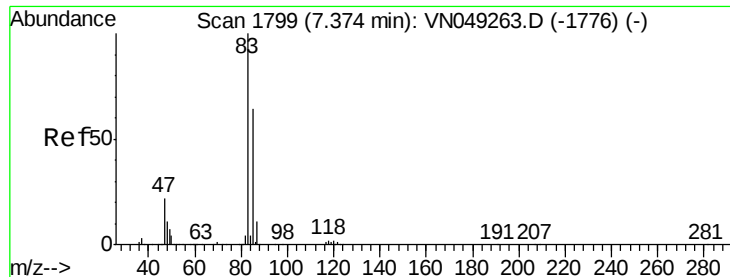
Tot Ion: 43 Resp: 11167
Ion Ratio Lower Upper
43 100
72 20.1 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 42 Resp: 703
Ion Ratio Lower Upper
42 100
72 52.3 32.2 48.4#
71 28.7 30.5 45.7#

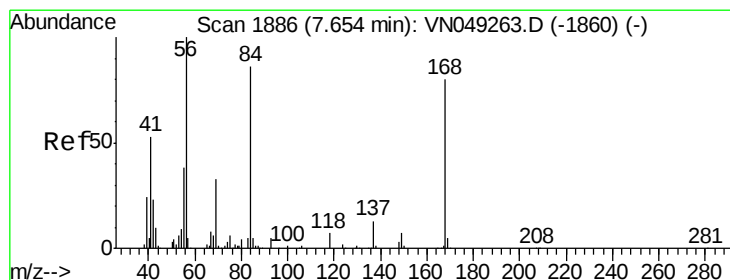
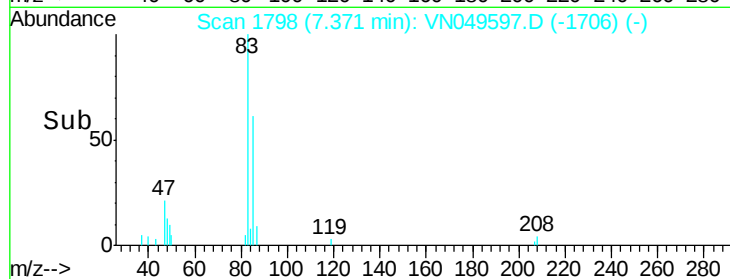
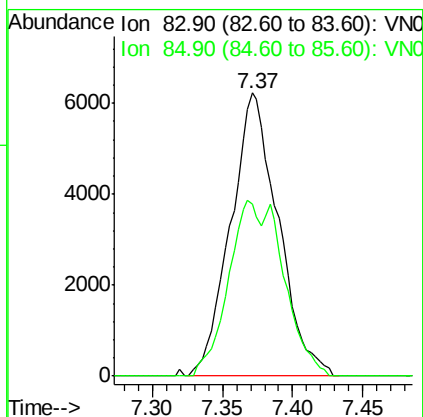
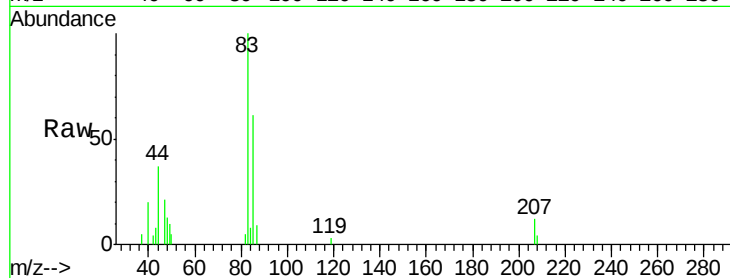




#30
Chloroform
Concen: 0.58 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

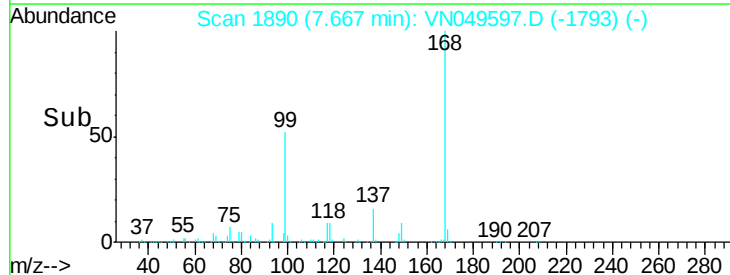
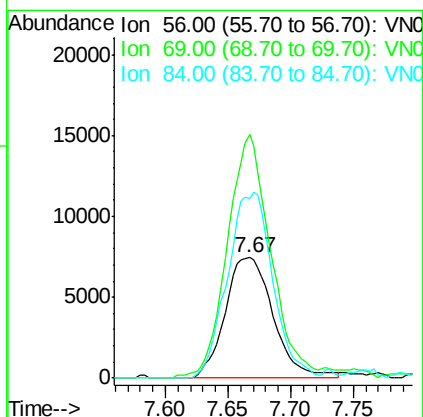
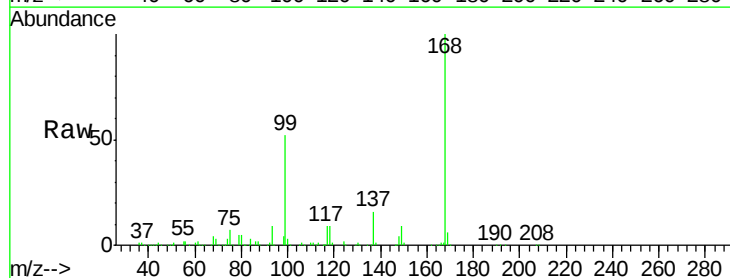
Instrument :
MSVOA_N
ClientSampleId :

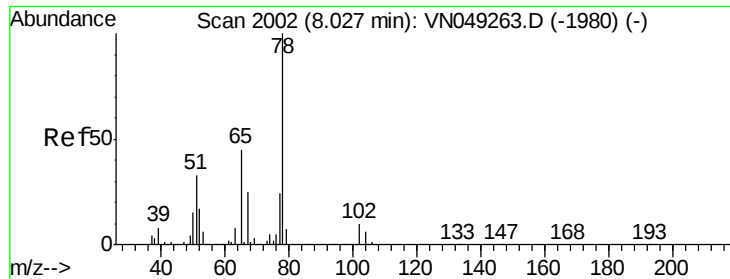
Tot Ion: 83 Resp: 14681
Ion Ratio Lower Upper
83 100
85 61.0 51.7 77.5



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 56 Resp: 19900
Ion Ratio Lower Upper
56 100
69 199.4 25.0 37.4#
84 149.7 64.6 96.8#

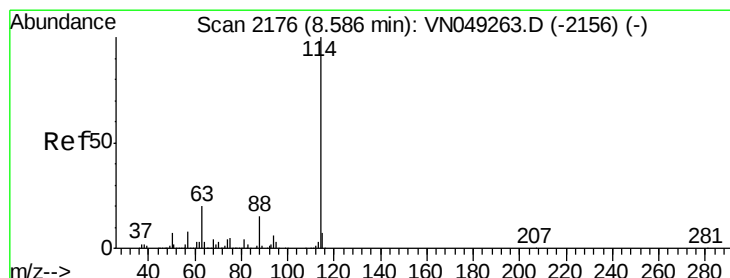
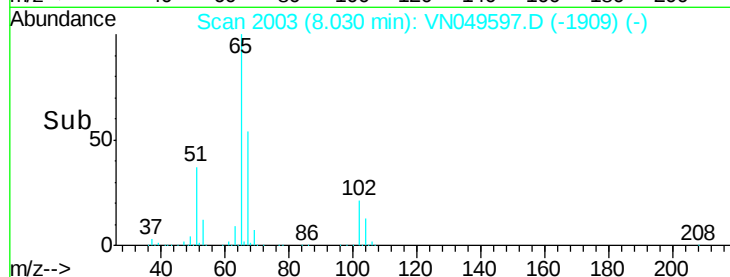
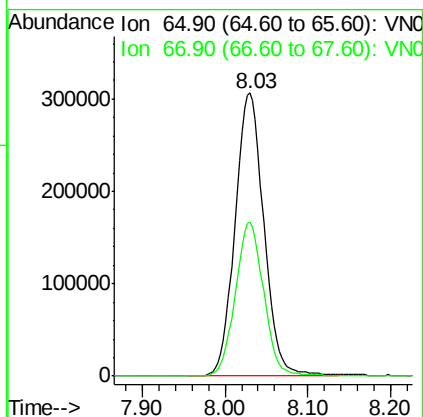
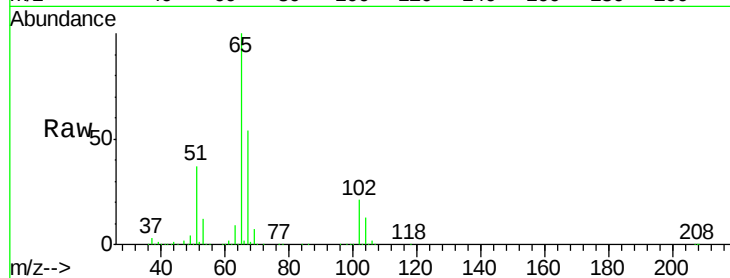




#33
 1,2-Dichloroethane-d4
 Concen: 50.68 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

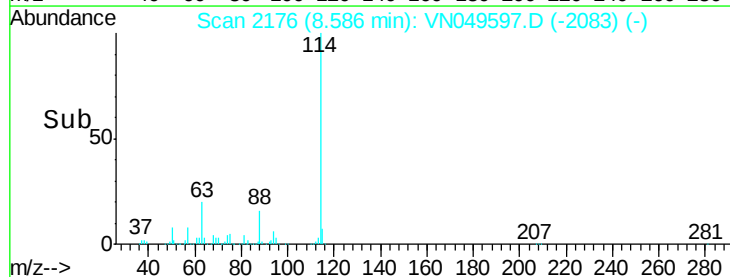
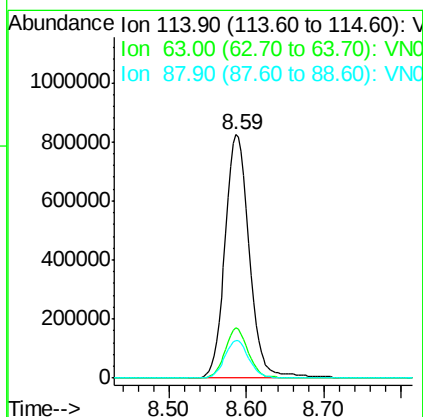
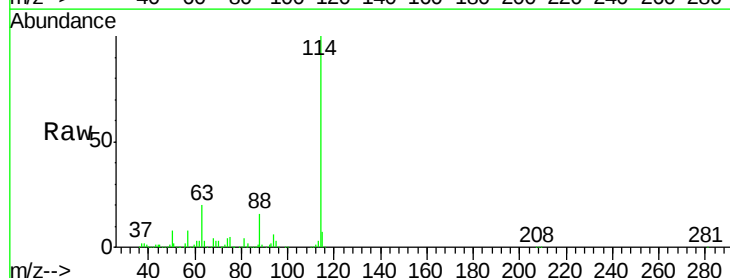
Instrument :
 MSVOA_N
 ClientSampleId :

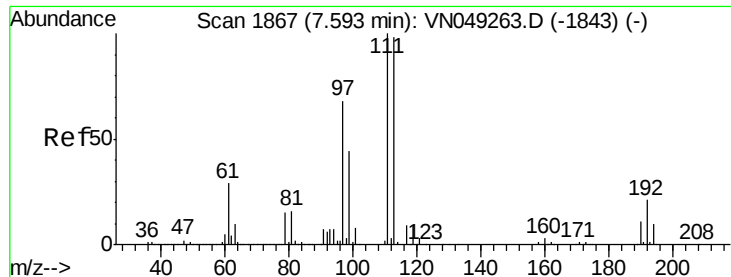
Tot Ion: 65 Resp: 743311
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Tgt Ion: 114 Resp: 1791758
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.5 0.0 31.4

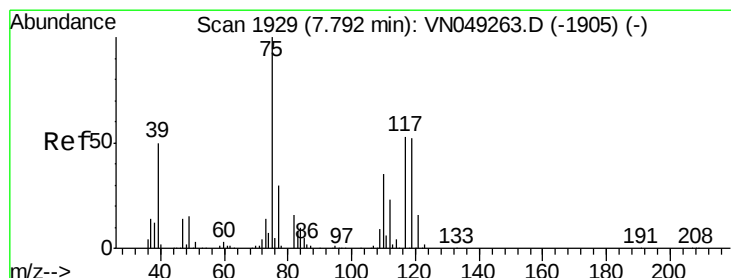
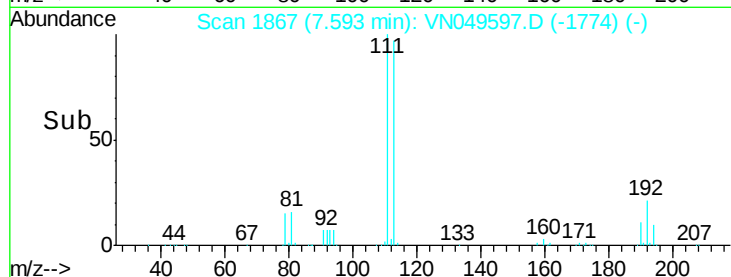
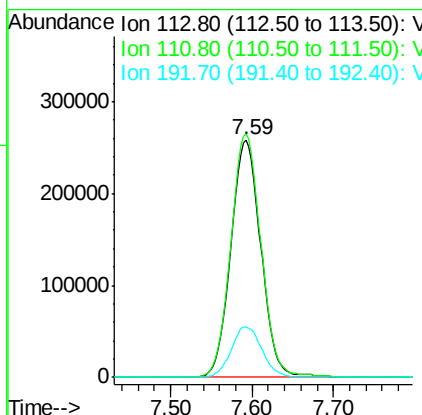
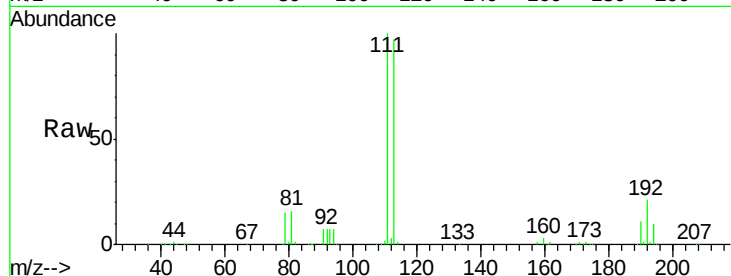




#35
 Dibromofluoromethane
 Concen: 45.84 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

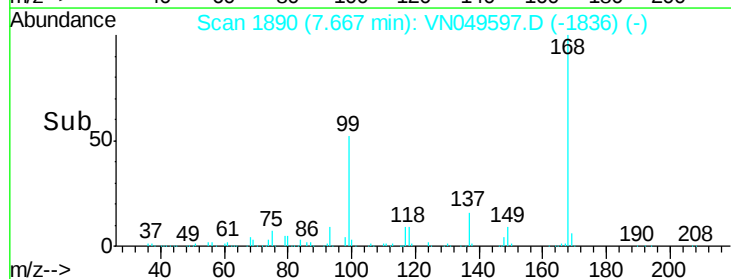
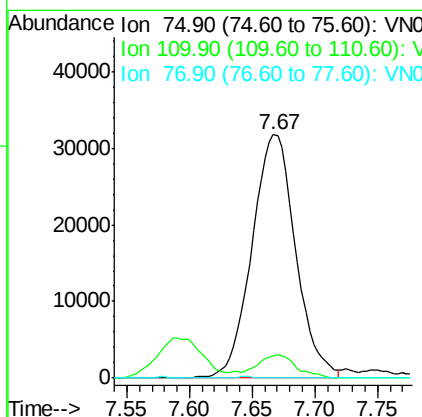
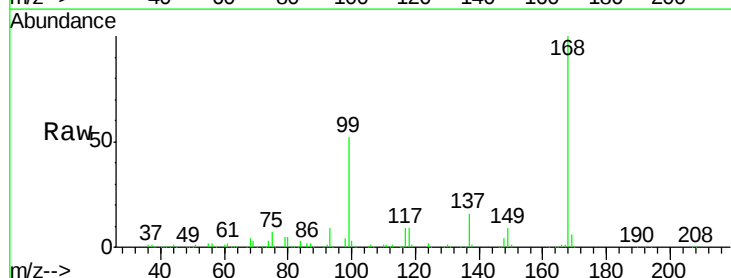
Instrument :
 MSVOA_N
 ClientSampleId :

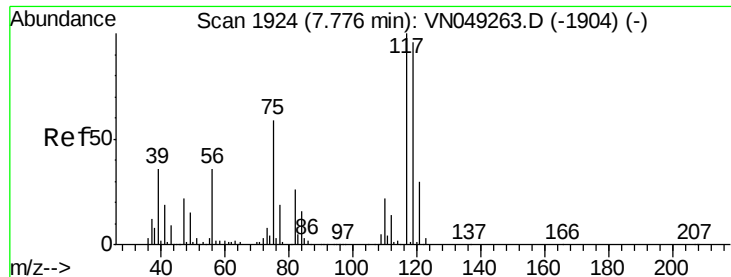
Tot Ion:113 Resp: 664529
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 21.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.75 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Tgt Ion: 75 Resp: 76960
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.4 36.6#

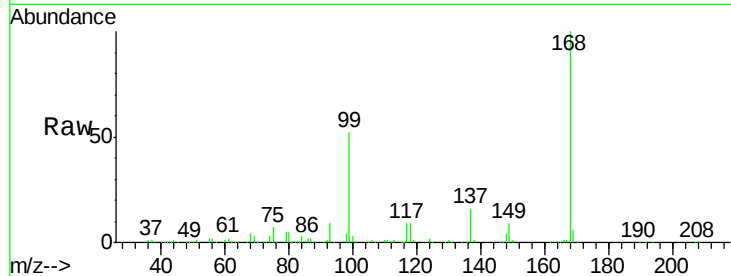




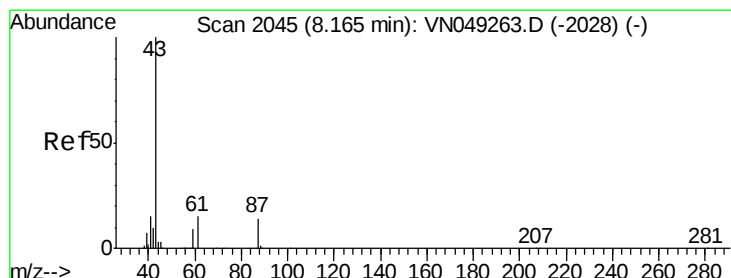
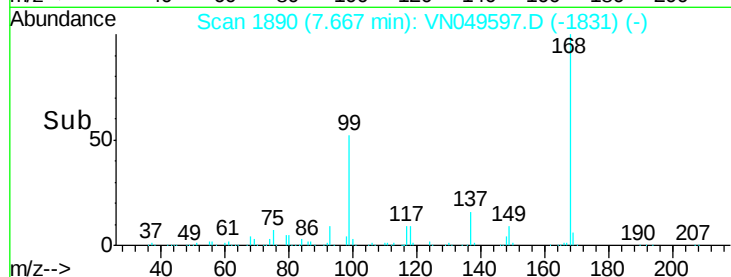
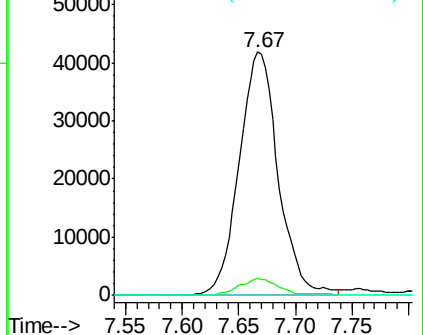
#38
Carbon Tetrachloride
Concen: 4.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 100747
Ion Ratio Lower Upper
117 100
119 6.9 75.6 113.4#
121 0.0 24.7 37.1#

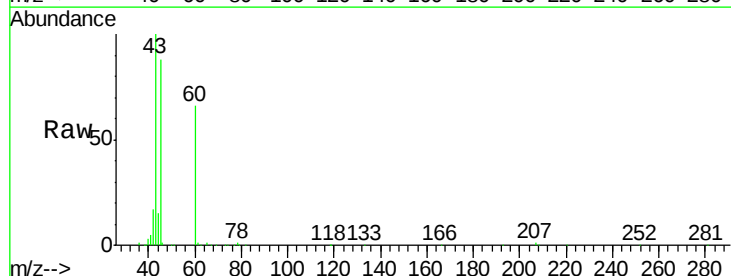


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

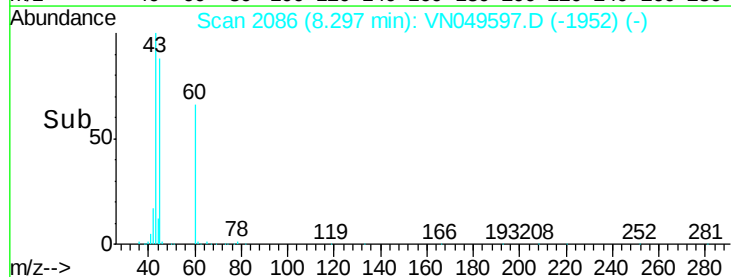
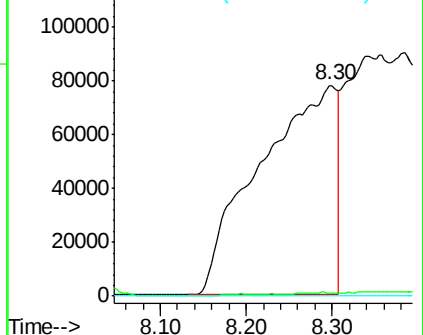


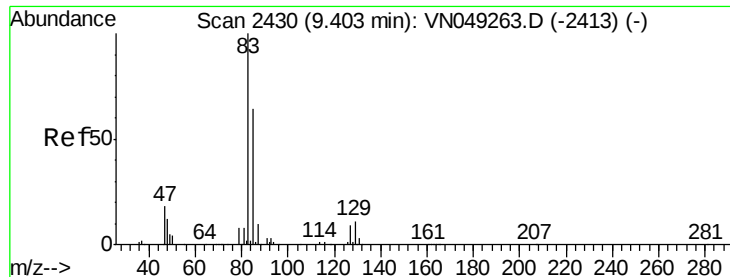
#43
Isopropyl Acetate
Concen: 22.63 ug/l
RT: 8.30 min Scan# 2086
Delta R.T. 0.13 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 43 Resp: 482597
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: 0.31 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

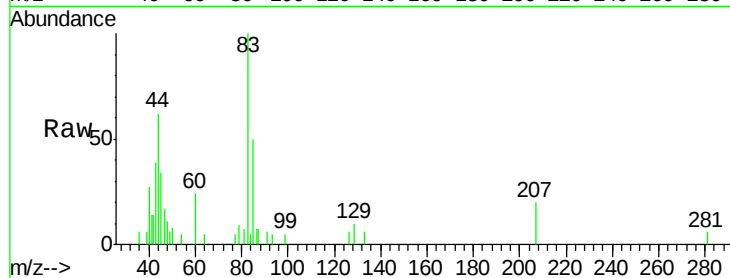
Tot Ion: 83 Resp: 6428

Ion Ratio Lower Upper

83 100

85 49.7 49.4 74.0

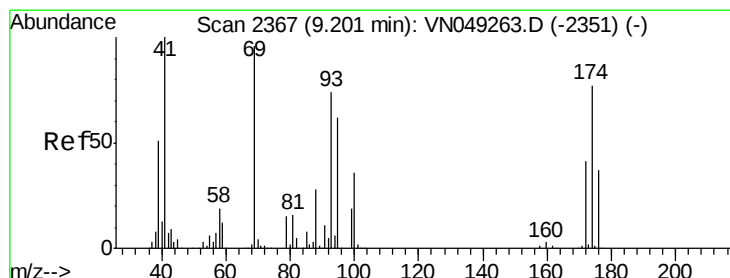
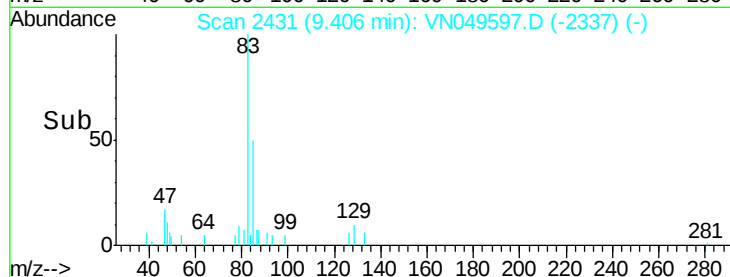
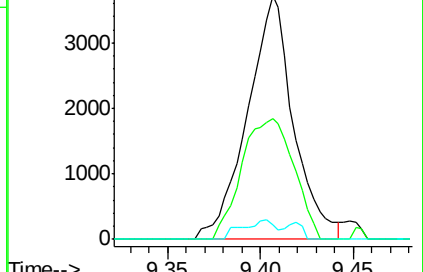
127 5.8 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049597.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049597.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049597.D (-2337) (-)



#49

1,4-Dioxane

Concen: 0.22 ug/l

RT: 9.20 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

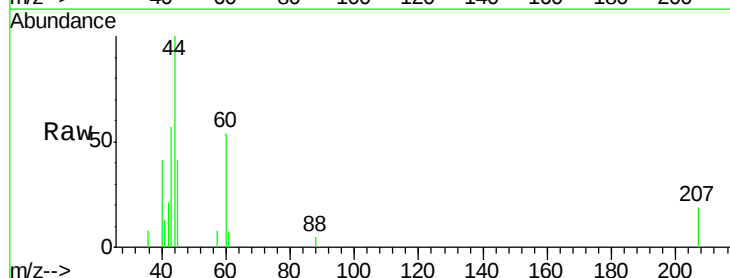
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 3050.0 30.9 46.3#

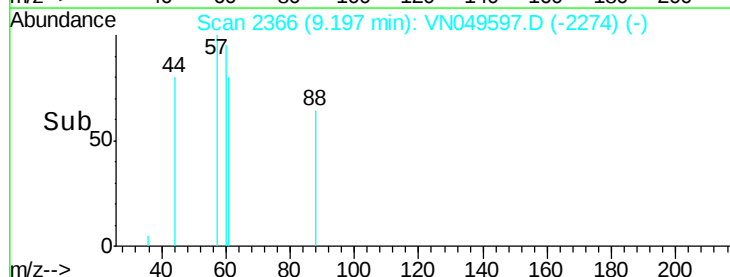
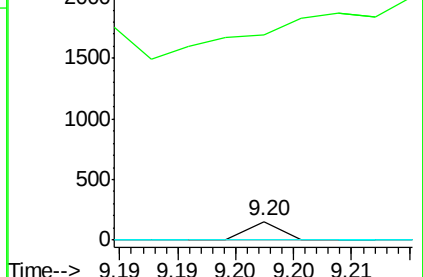
58 0.0 58.9 88.3#

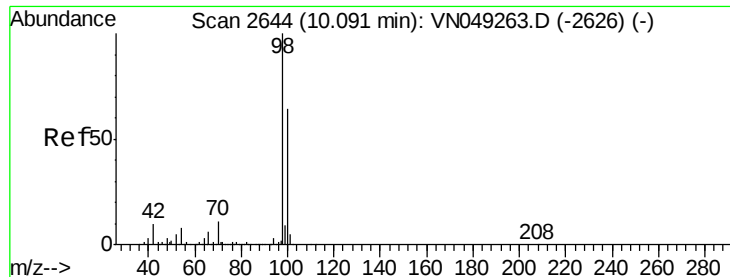


Abundance Ion 88.00 (87.70 to 88.70): VN049597.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049597.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049597.D (-2274) (-)

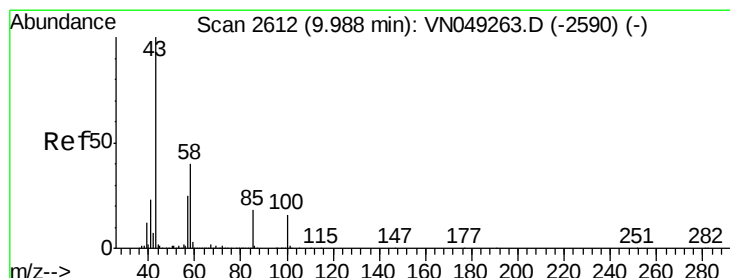
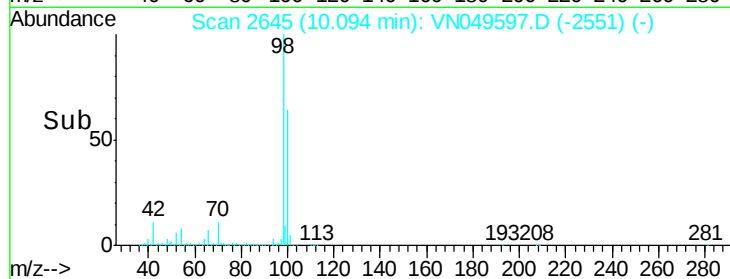
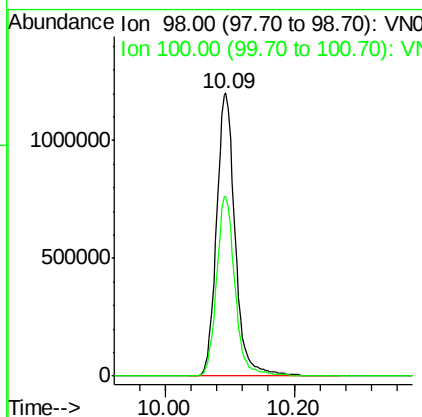
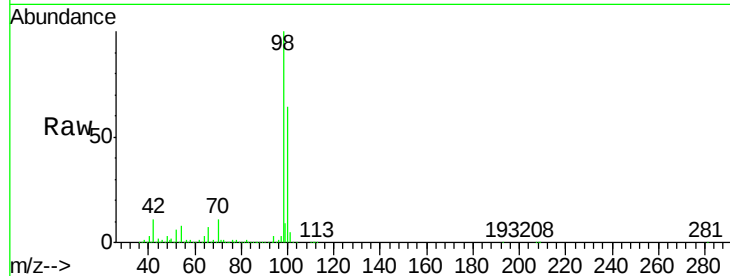




#50
Toluene-d8
Concen: 43.47 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

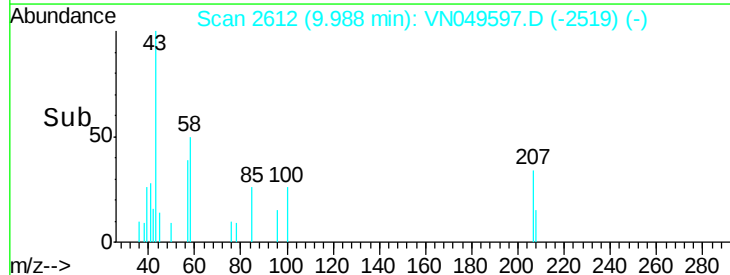
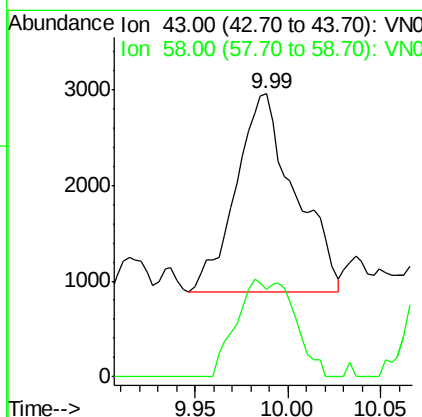
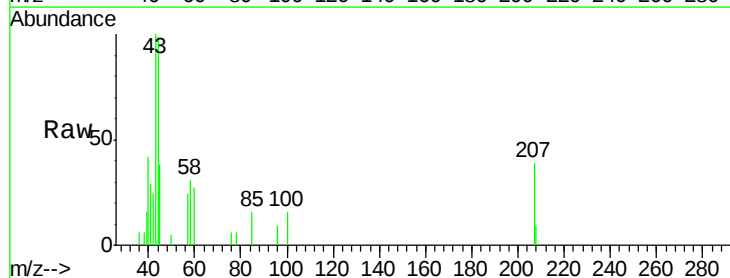
Instrument :
MSVOA_N
ClientSampled :

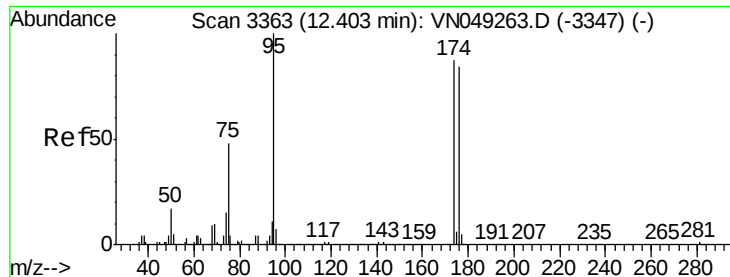
Tot Ion: 98 Resp: 2399622
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 43 Resp: 4551
Ion Ratio Lower Upper
43 100
58 26.1 29.0 43.6#

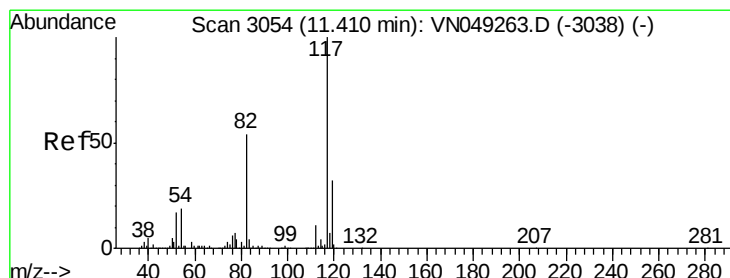
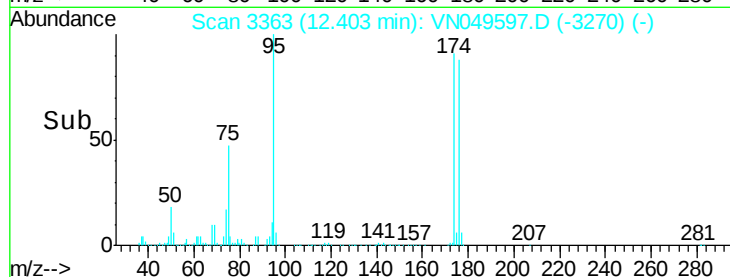
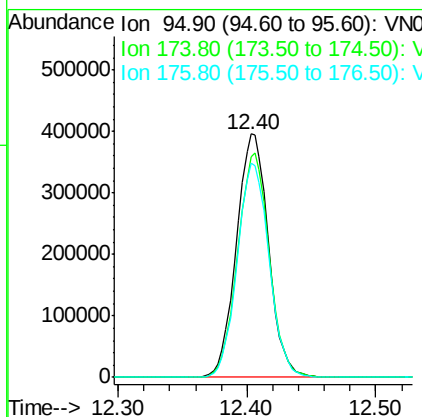
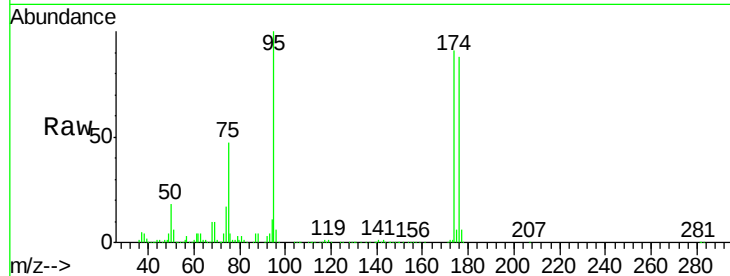




#62
4-Bromofluorobenzene
Concen: 37.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

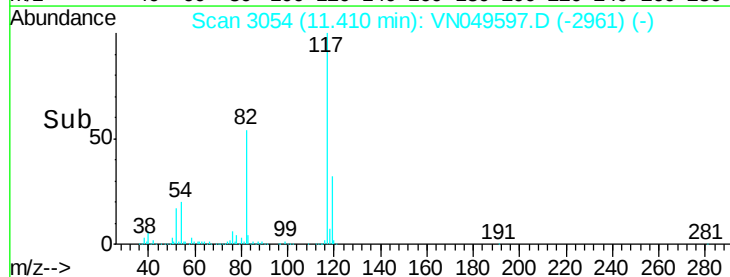
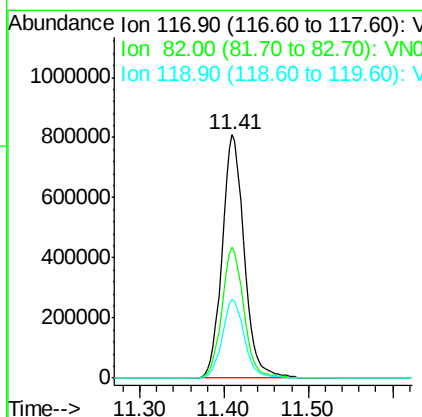
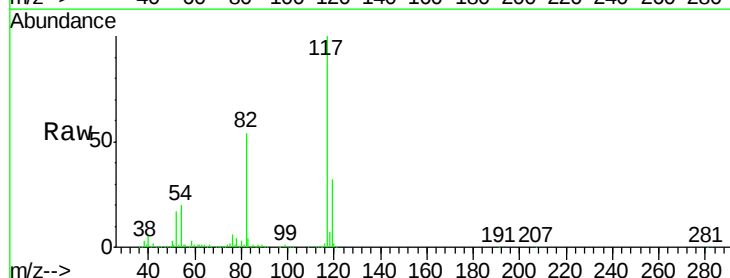
Instrument :
MSVOA_N
ClientSampled :

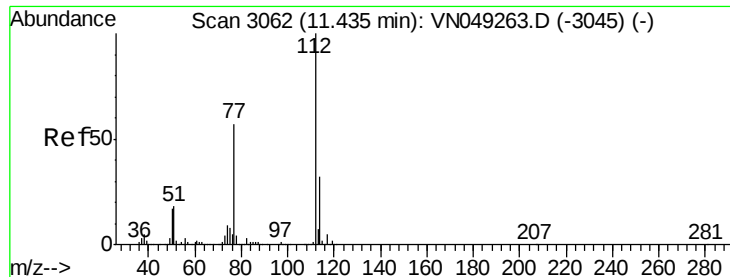
Tot Ion: 95 Resp: 682551
Ion Ratio Lower Upper
95 100
174 90.9 0.0 165.6
176 87.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049597.D
Acq: 28 Jun 2018 18:25

Tgt Ion: 117 Resp: 1466983
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.3 25.5 38.3





#65

Chlorobenzene

Concen: 0.22 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

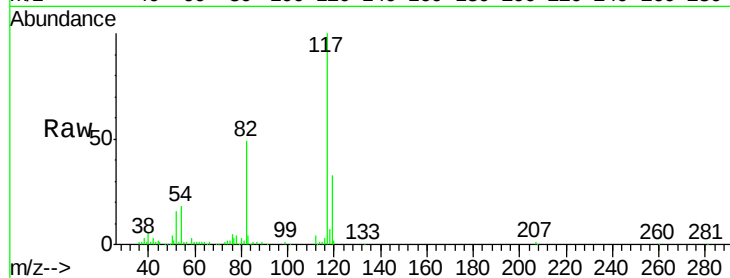
ClientSampled :

Tot Ion:112 Resp: 8467

Ion Ratio Lower Upper

112 100

114 36.3 26.2 39.4

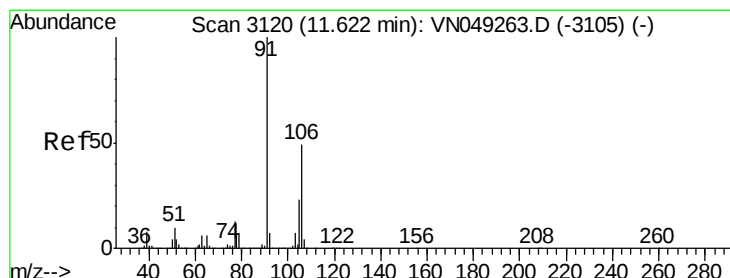
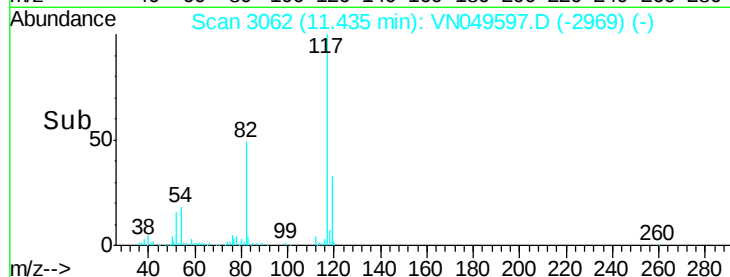


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

Time-->



#68

m/p-Xylenes

Concen: 0.38 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049597.D

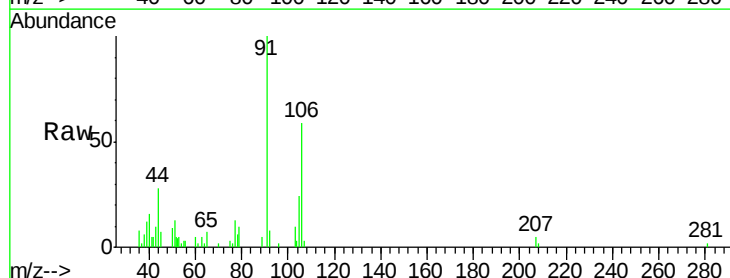
Acq: 28 Jun 2018 18:25

Tgt Ion:106 Resp: 8932

Ion Ratio Lower Upper

106 100

91 183.4 167.3 250.9

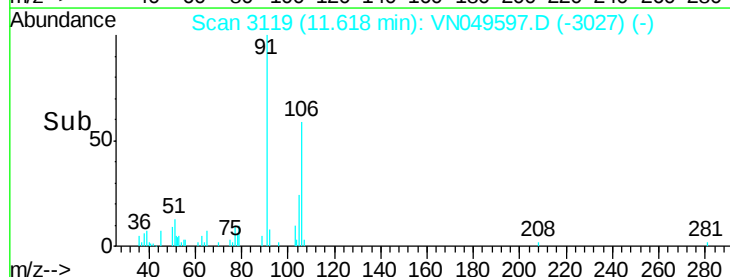


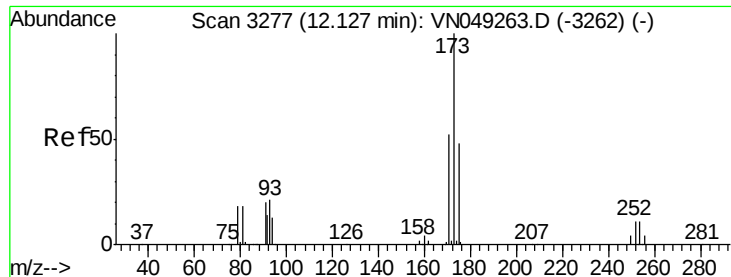
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

11.62

Time-->





#71

Bromoform

Concen: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

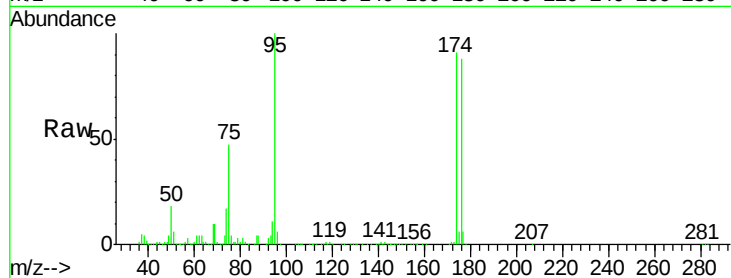
Tot Ion:173 Resp: 5279

Ion Ratio Lower Upper

173 100

175 679.4 24.5 73.5#

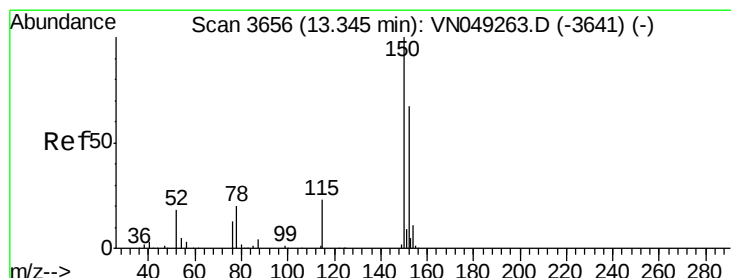
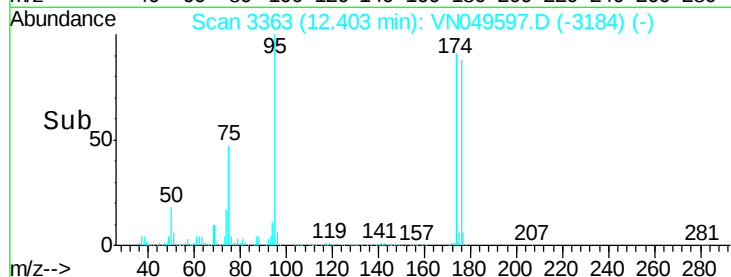
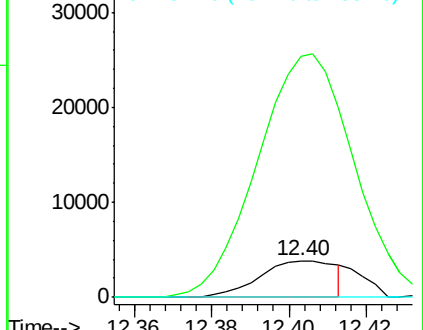
254 0.0 0.1 0.1#



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# 3656

Delta R.T. -0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

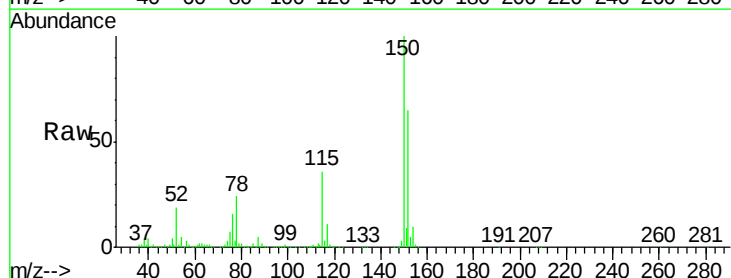
Tgt Ion:152 Resp: 591650

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

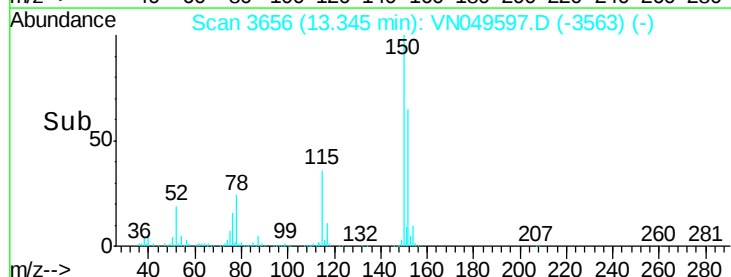
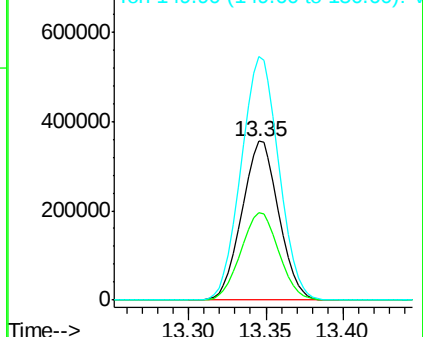
150 156.1 0.0 351.0

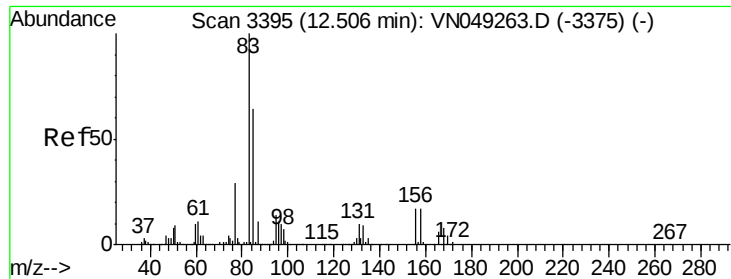


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.46 min Scan# 3381

Delta R.T. -0.04 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

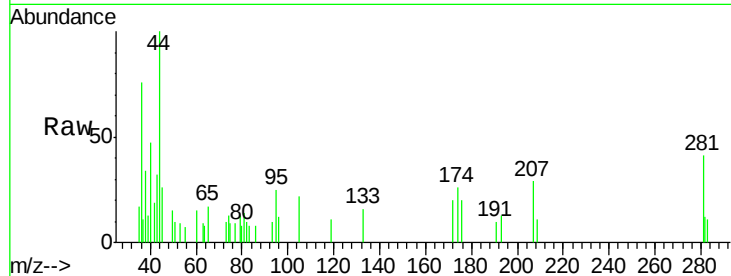
Tot Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

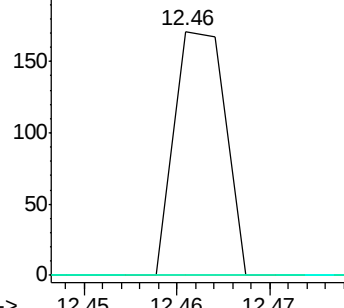
85 0.0 32.0 96.0#



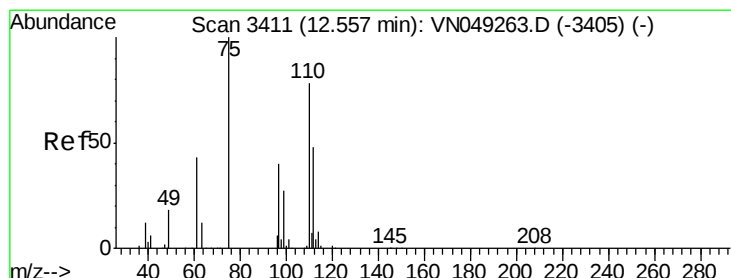
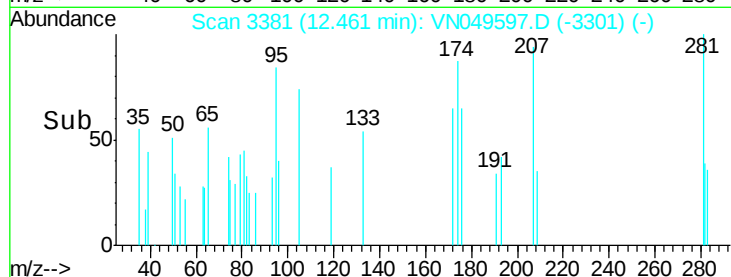
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 32.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049597.D

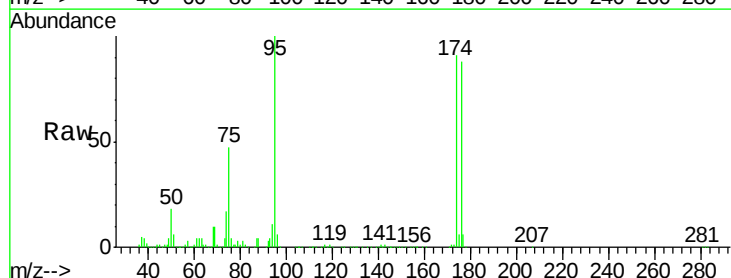
Acq: 28 Jun 2018 18:25

Tgt Ion: 75 Resp: 328258

Ion Ratio Lower Upper

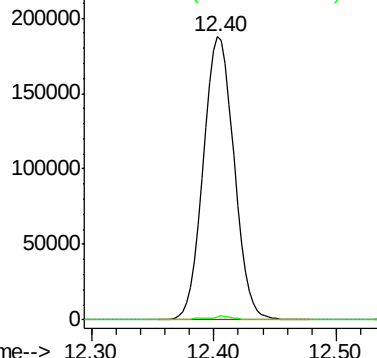
75 100

77 1.3 0.0 0.0#

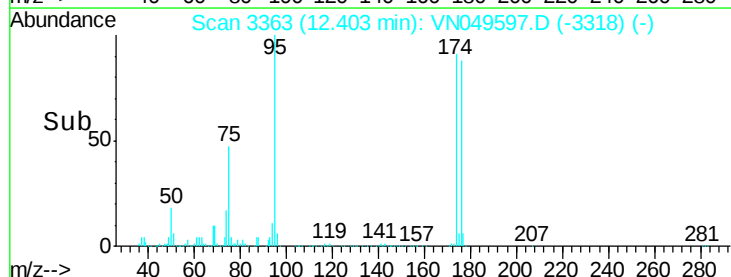


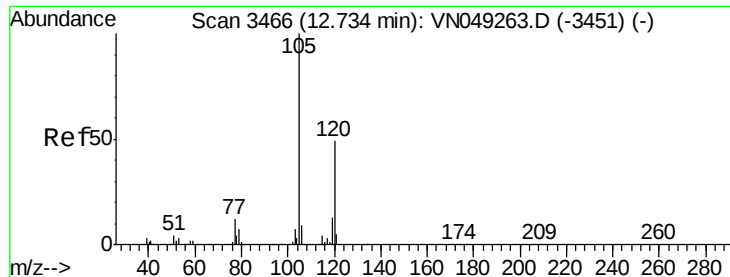
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.43 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

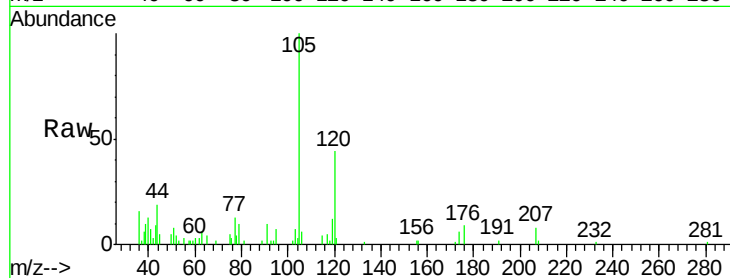
ClientSampled :

Tot Ion:105 Resp: 17726

Ion Ratio Lower Upper

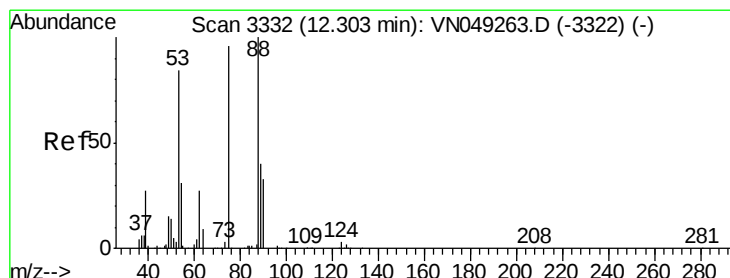
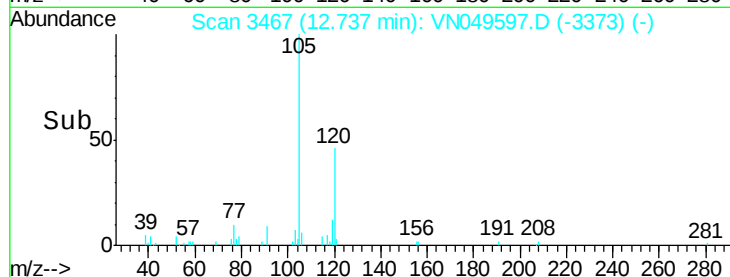
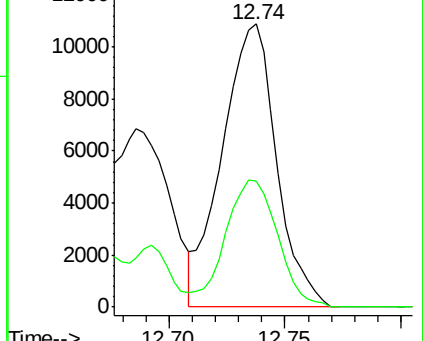
105 100

120 43.3 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: 102.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

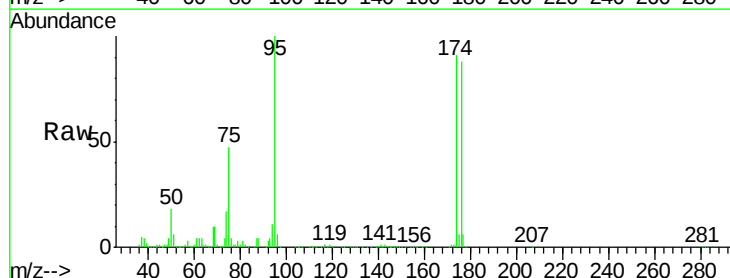
Tgt Ion: 75 Resp: 328258

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

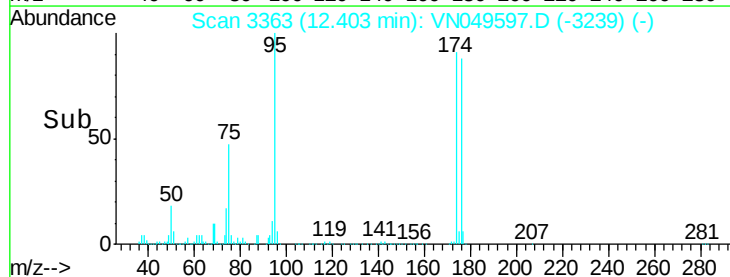
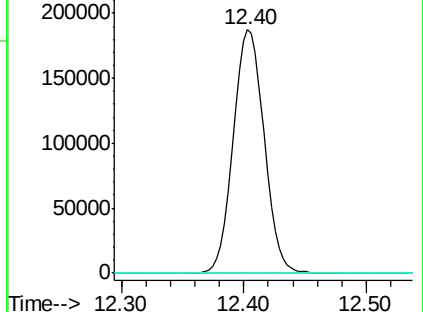
89 0.0 36.5 54.7#

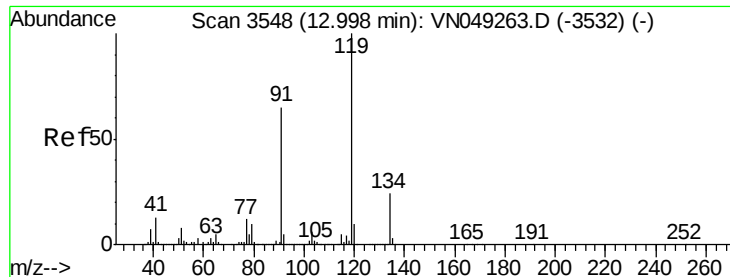


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.26 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

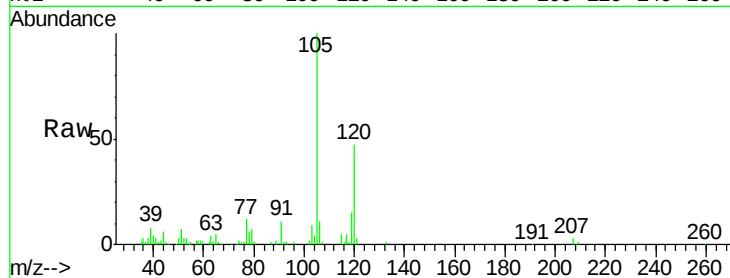
Tot Ion:119 Resp: 9539

Ion Ratio Lower Upper

119 100

91 78.5 33.7 101.0

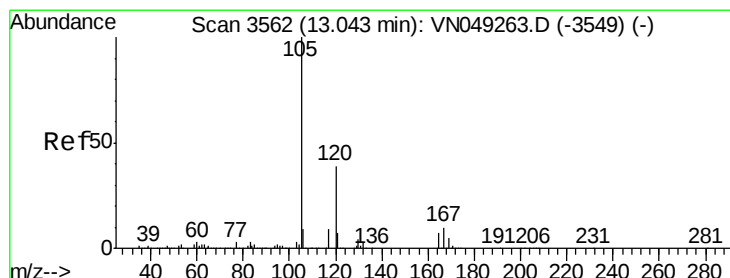
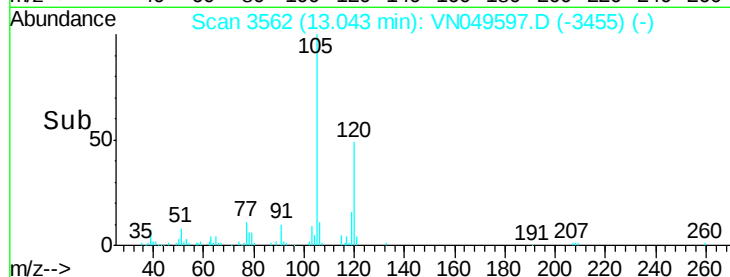
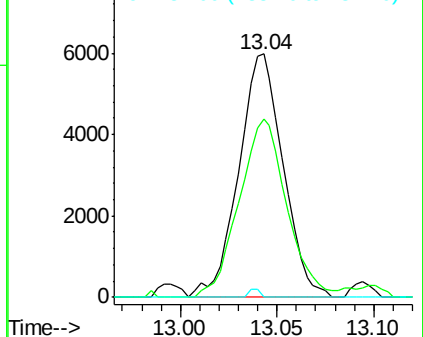
134 0.8 12.9 38.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.71 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049597.D

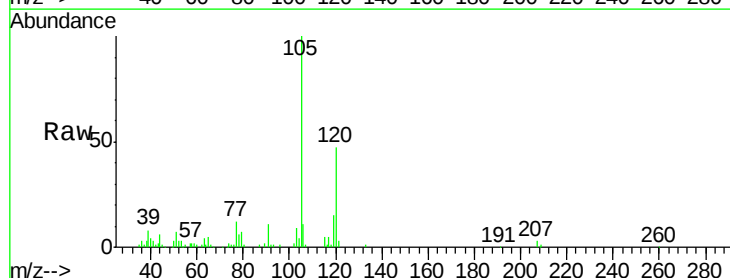
Acq: 28 Jun 2018 18:25

Tgt Ion:105 Resp: 69236

Ion Ratio Lower Upper

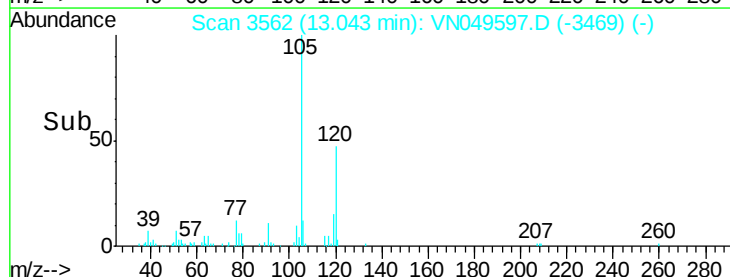
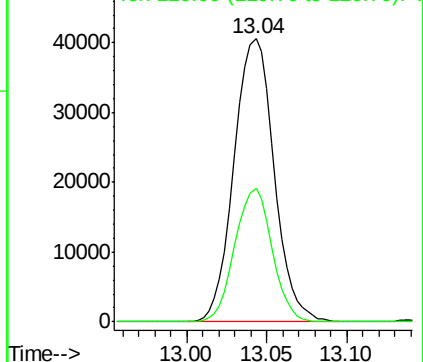
105 100

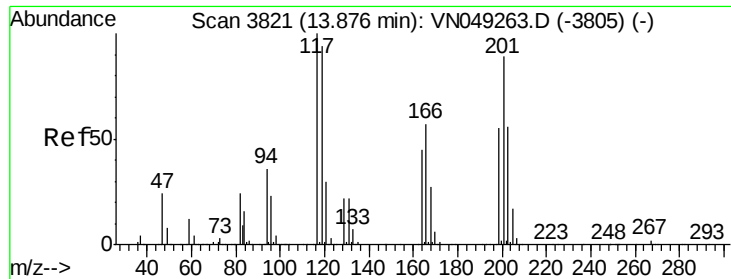
120 43.7 22.2 66.6



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: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

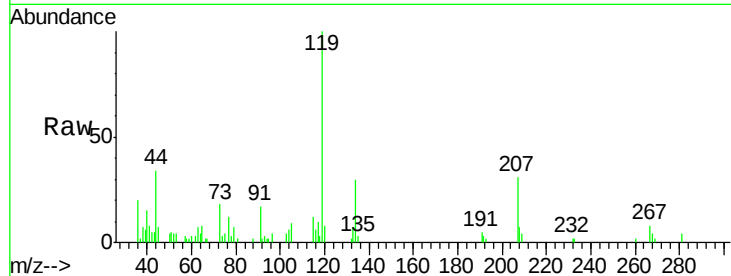
ClientSampled :

Tot Ion:117 Resp: 1384

Ion Ratio Lower Upper

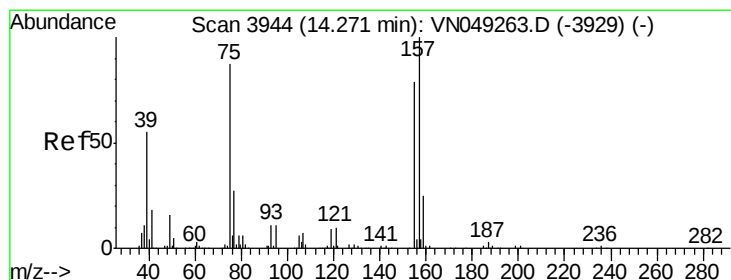
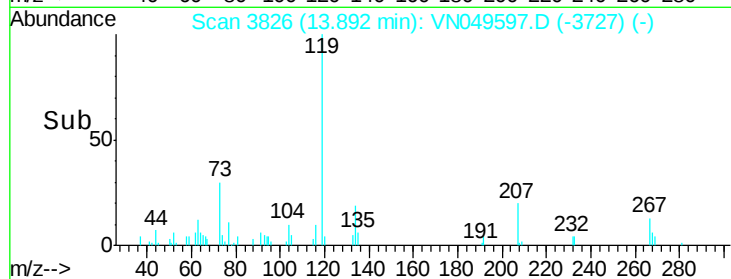
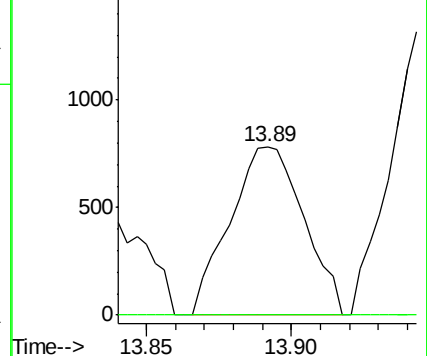
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.31 ug/l

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

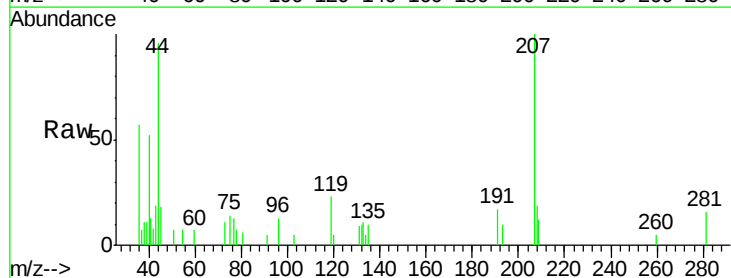
Tgt Ion: 75 Resp: 554

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

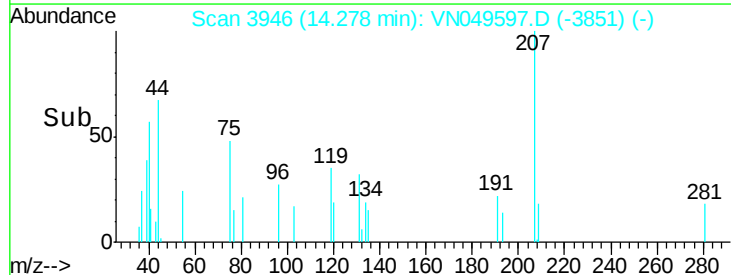
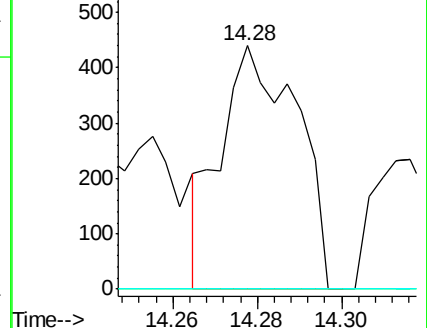
157 0.0 51.0 153.1#

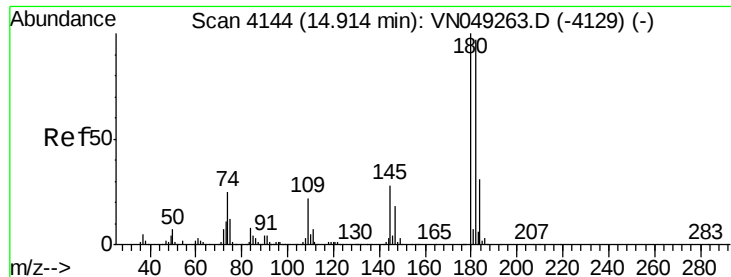


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

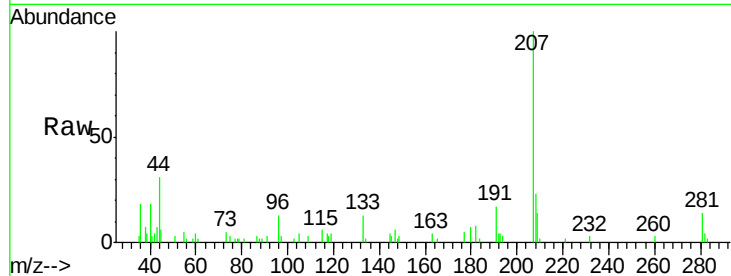




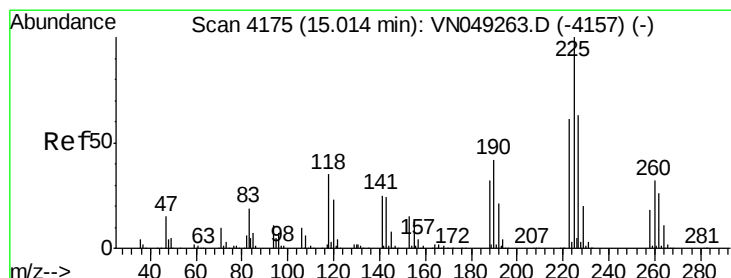
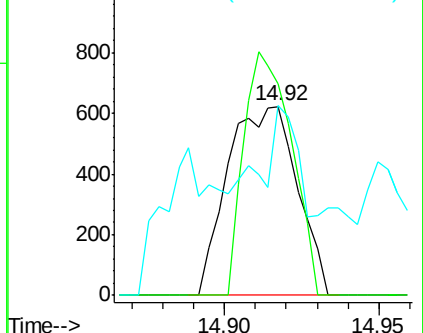
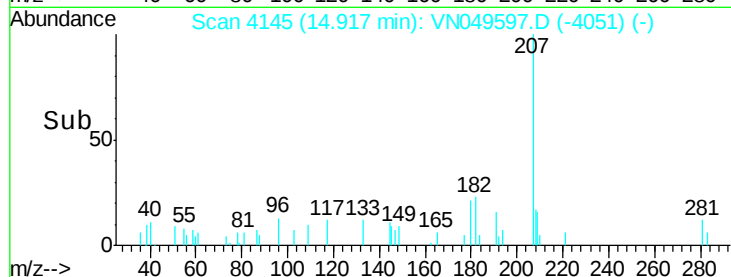
#93
 1,2,4-Trichlorobenzene
 Concen: 4.83 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 974
 Ion Ratio Lower Upper
 180 100
 182 88.2 46.9 140.8
 145 25.4 14.7 44.1

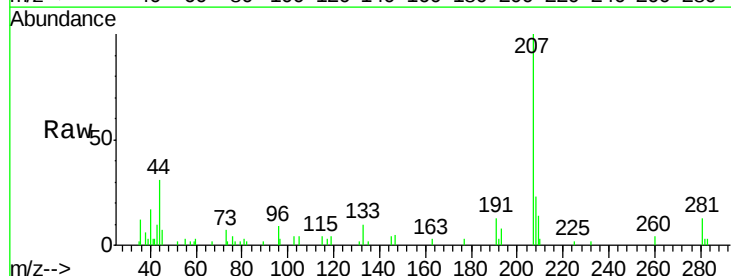


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

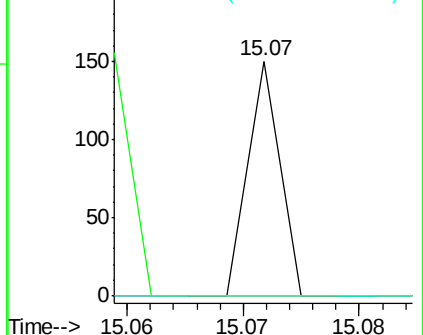
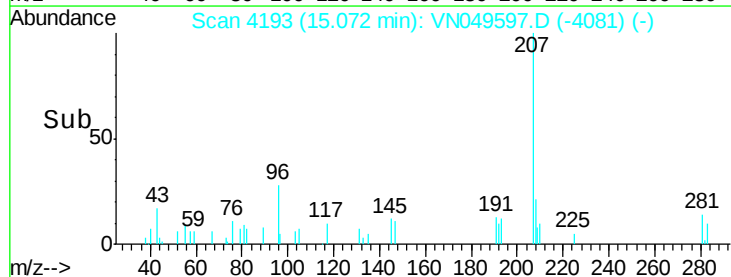


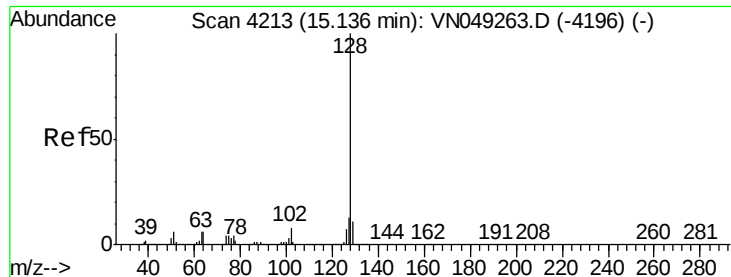
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.07 min Scan# 4193
 Delta R.T. 0.06 min
 Lab File: VN049597.D
 Acq: 28 Jun 2018 18:25

Tgt Ion:225 Resp: 29
 Ion Ratio Lower Upper
 225 100
 223 210.3 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: 10.44 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

Instrument :

MSVOA_N

ClientSampled :

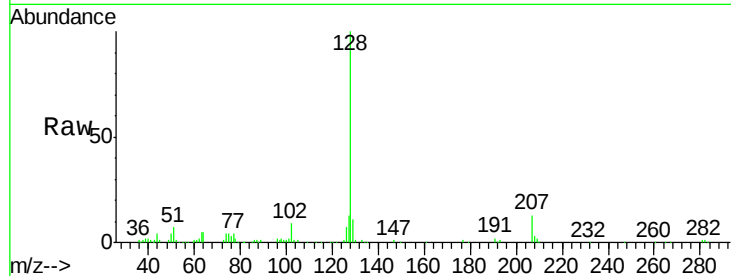
Tot Ion:128 Resp: 140417

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

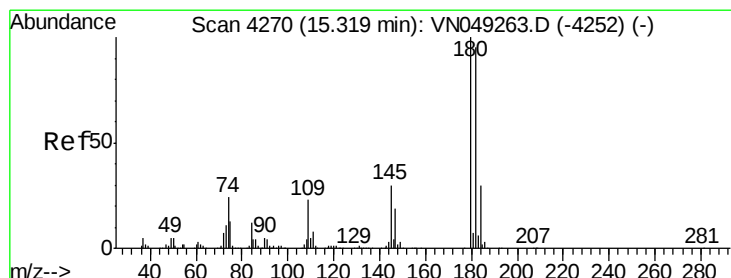
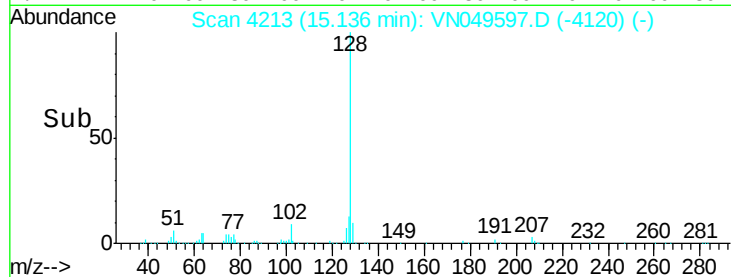
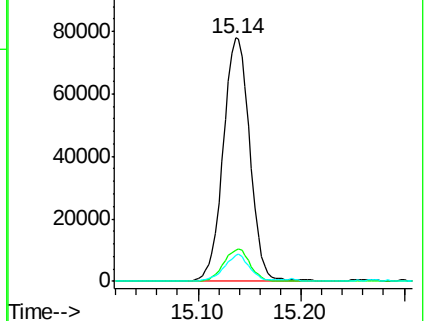
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.52 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.01 min

Lab File: VN049597.D

Acq: 28 Jun 2018 18:25

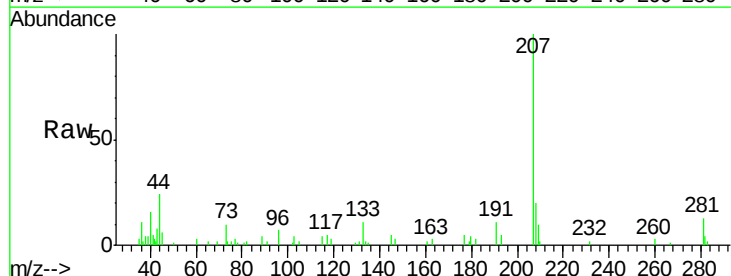
Tgt Ion:180 Resp: 672

Ion Ratio Lower Upper

180 100

182 37.4 47.3 141.8#

145 173.1 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

