

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049600.D
 Acq On : 28 Jun 2018 19:43
 Operator : MD\SY
 Sample : J3048-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:41:42 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	1069906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1750854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1438223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	736458	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	644434	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	10.09	98	2325688	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.40	95	680779	38.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.34%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.40	74	5283	0.72	ug/l	52
11) Tert butyl alcohol	4.79	59	917	1.10	ug/l #	81
13) Acrolein	3.61	56	2506	2.87	ug/l #	75
14) Allyl chloride	4.55	41	45527	2.35	ug/l #	20
16) Acetone	3.82	43	109960	31.91	ug/l	98
18) Methyl Acetate	4.33	43	138812	13.21	ug/l	93
20) Methylene Chloride	4.55	84	1307605	90.87	ug/l	91
25) 2-Butanone	6.84	43	22724	4.91	ug/l	94
29) Tetrahydrofuran	7.21	42	1545	0.52	ug/l #	77
30) Chloroform	7.37	83	14861	0.60	ug/l	96
31) Cyclohexane	7.66	56	19451	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	74844	3.73	ug/l #	45
37) Ethyl Acetate	6.84	43	22724	2.08	ug/l #	76
38) Carbon Tetrachloride	7.67	117	99657	4.80	ug/l #	17
43) Isopropyl Acetate	8.27	43	372985	17.89	ug/l #	64
47) Bromodichloromethane	9.41	83	7181	0.35	ug/l #	85
49) 1,4-Dioxane	9.20	88	197	1.45	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	3811	0.35	ug/l	92
68) m/p-Xylenes	11.62	106	7250	0.31	ug/l	92
69) o-Xylene	11.95	106	5060	0.23	ug/l	97
71) Bromoform	12.40	173	5166	0.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.49	83	70	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	326507	32.79	ug/l #	100
77) Bromobenzene	12.53	156	2959	0.22	ug/l #	1
78) n-propylbenzene	12.59	91	13808	0.25	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	8151	0.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	326507	103.63	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	24847	0.62	ug/l	96
90) Hexachloroethane	13.89	117	6564	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	738	4.81	ug/l #	5
95) Naphthalene	15.14	128	300475	19.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	502	3.51	ug/l #	82

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

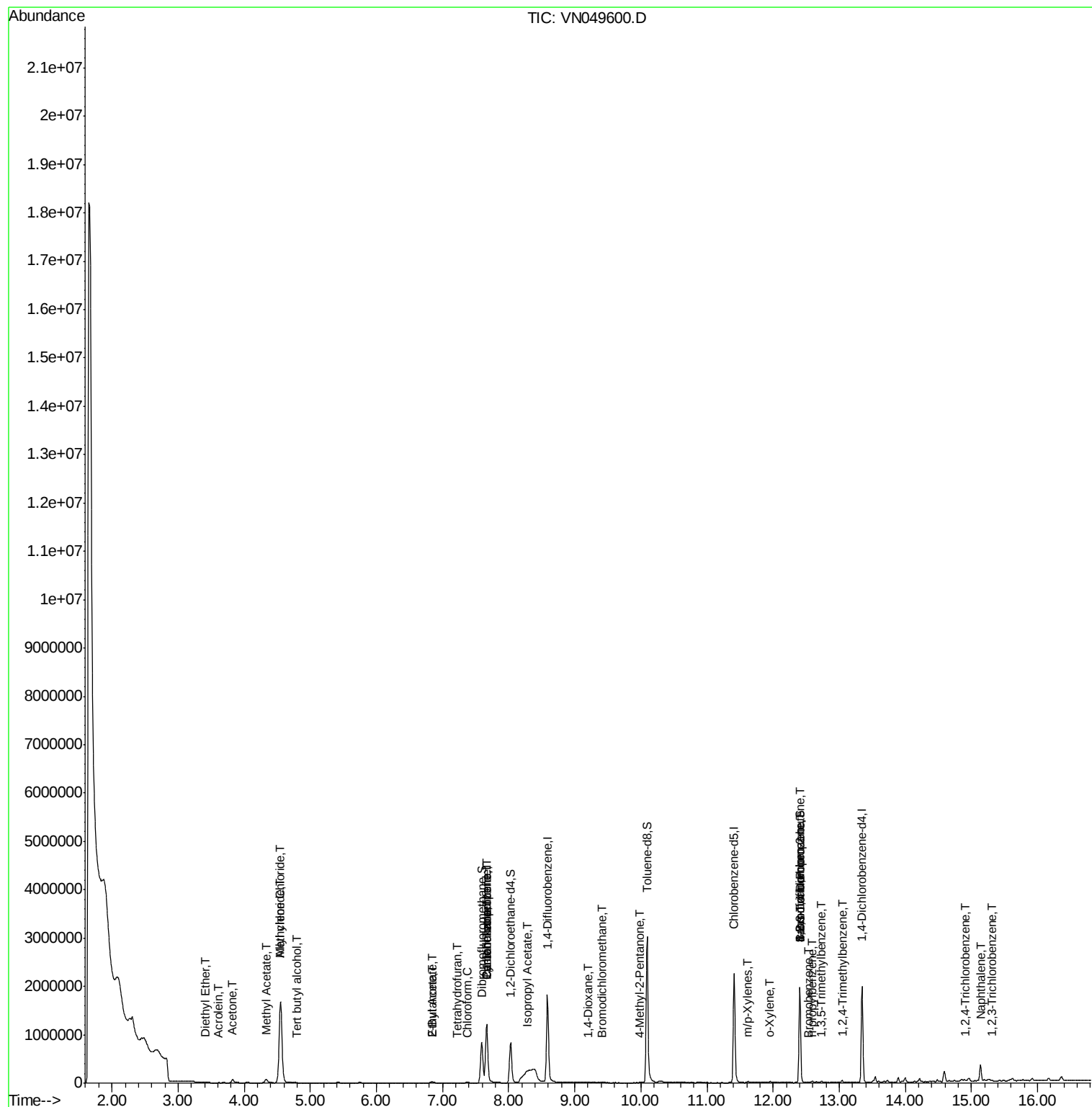
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

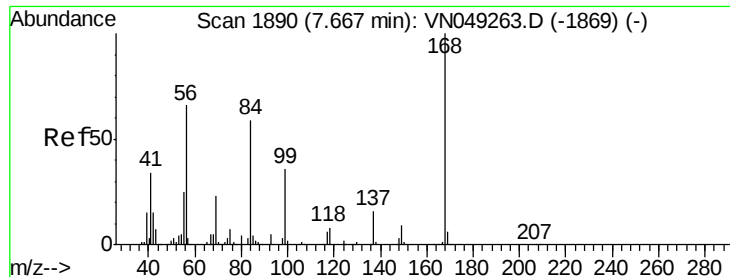
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

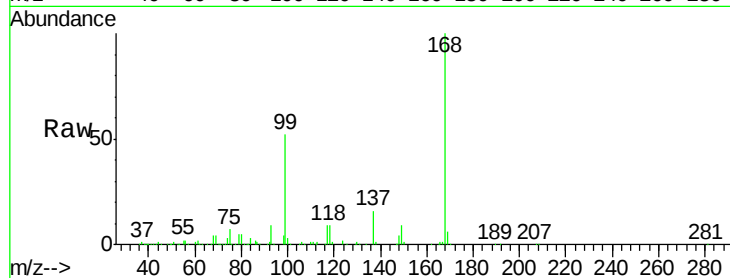
ClientSampled :

Tot Ion:168 Resp: 1069906

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

400000

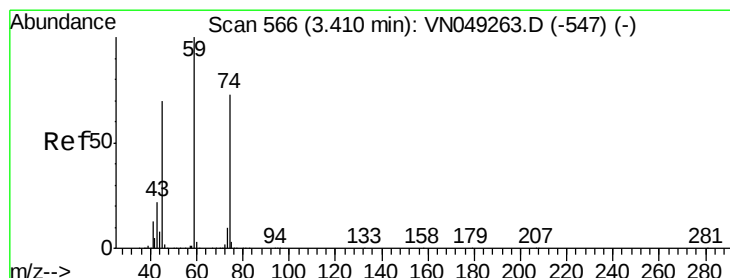
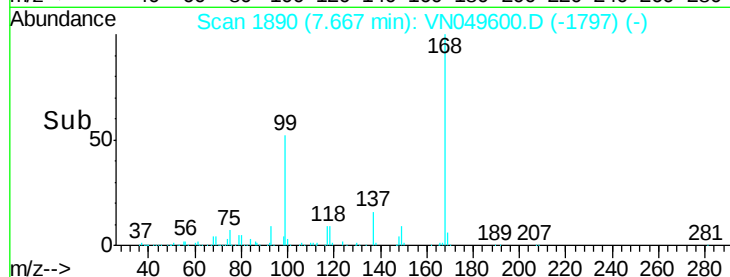
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.72 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN049600.D

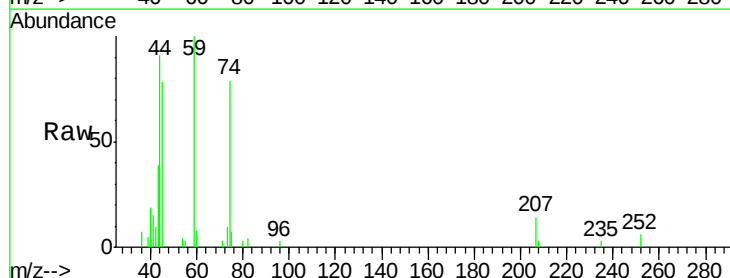
Acq: 28 Jun 2018 19:43

Tgt Ion: 74 Resp: 5283

Ion Ratio Lower Upper

74 100

45 152.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049263.D (-547) (-)

Ion 45.00 (44.70 to 45.70): VN049263.D (-547) (-)

3.40

5000

4000

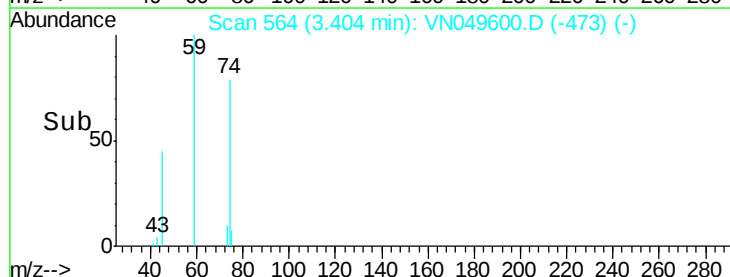
3000

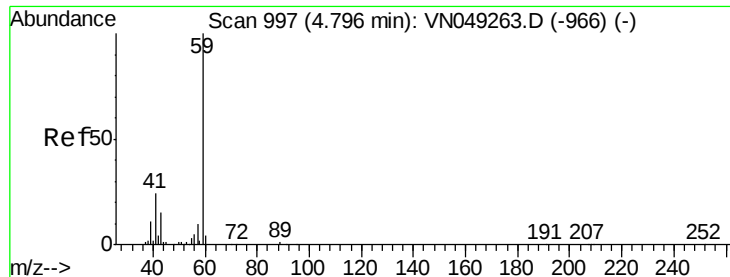
2000

1000

0

Time-->



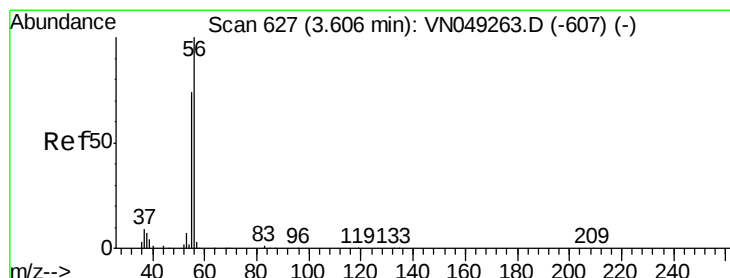
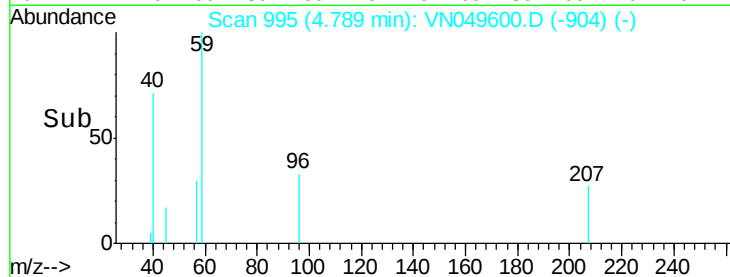
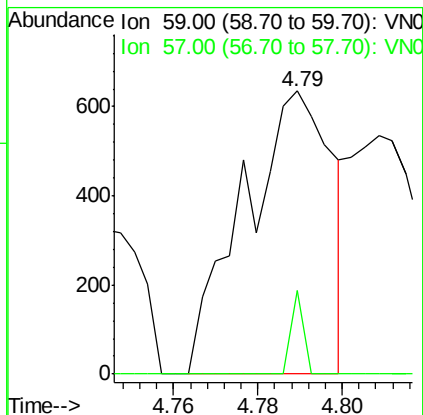
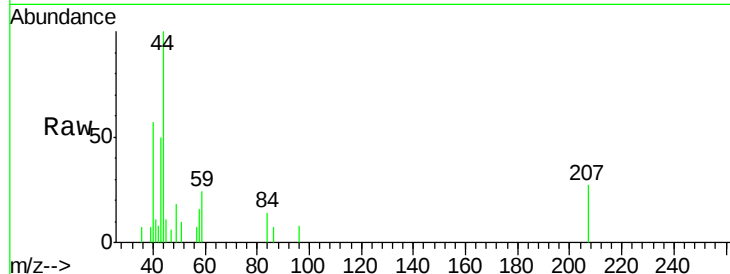


#11

Tert butyl alcohol
Concen: 1.10 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.01 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampled :

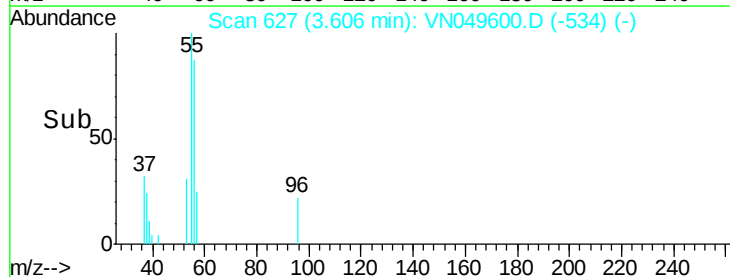
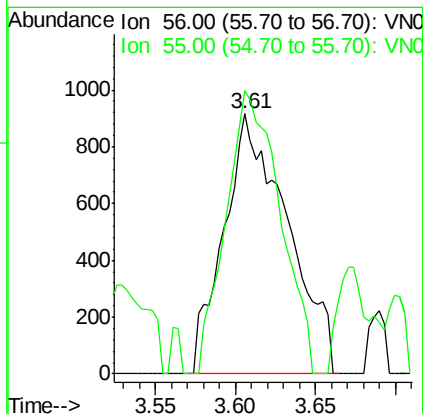
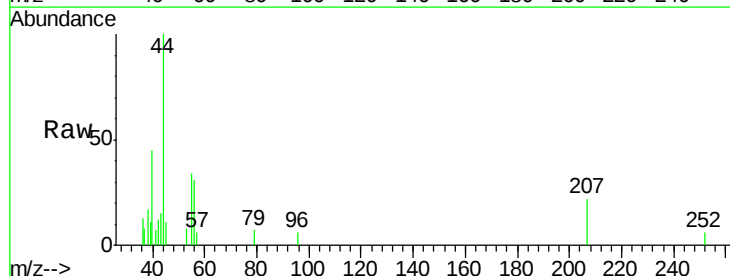
Tot Ion: 59 Resp: 917
Ion Ratio Lower Upper
59 100
57 3.9 9.0 13.6#

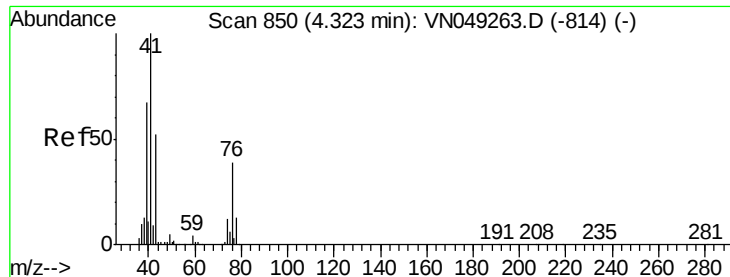


#13

Acrolein
Concen: 2.87 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 56 Resp: 2506
Ion Ratio Lower Upper
56 100
55 92.1 57.1 85.7#





#14

Allvl chloride

Concen: 2.35 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

ClientSampled :

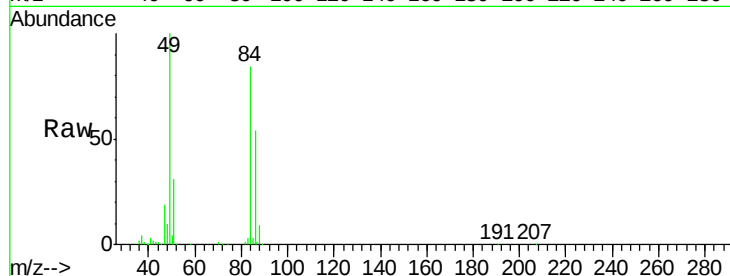
Tot Ion: 41 Resp: 45527

Ion Ratio Lower Upper

41 100

39 0.2 62.5 93.7#

76 0.0 27.1 40.7#

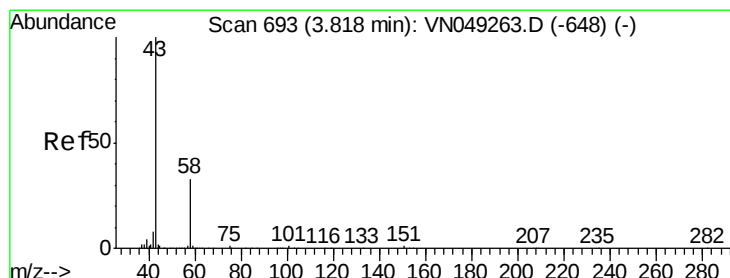
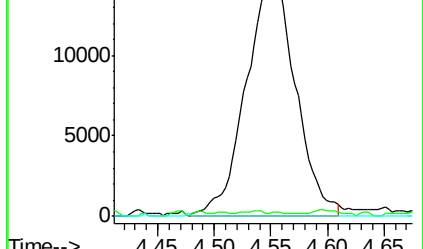
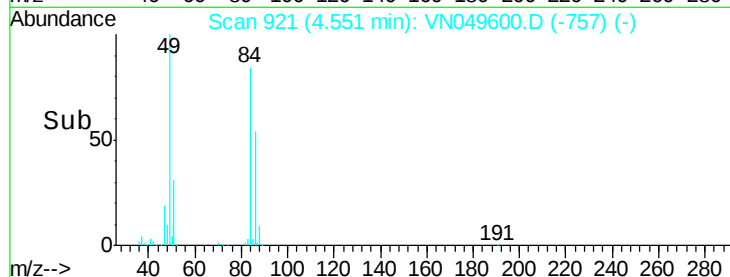


Abundance Ion 41.00 (40.70 to 41.70): VN049600.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN049600.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN049600.D (-757) (-)

Time-->



#16

Acetone

Concen: 31.91 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049600.D

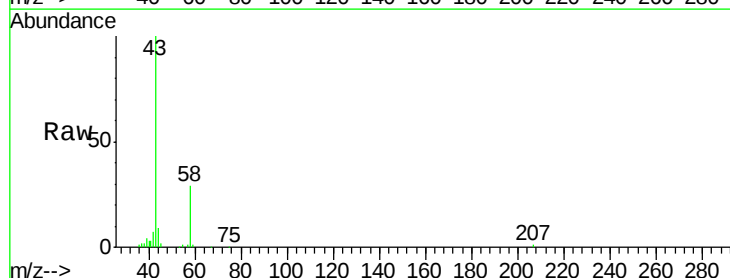
Acq: 28 Jun 2018 19:43

Tgt Ion: 43 Resp: 109960

Ion Ratio Lower Upper

43 100

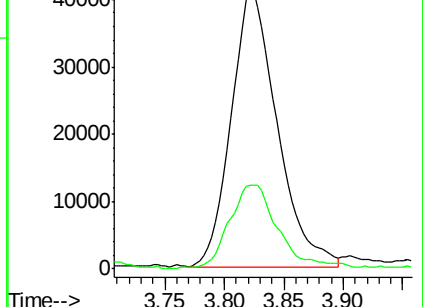
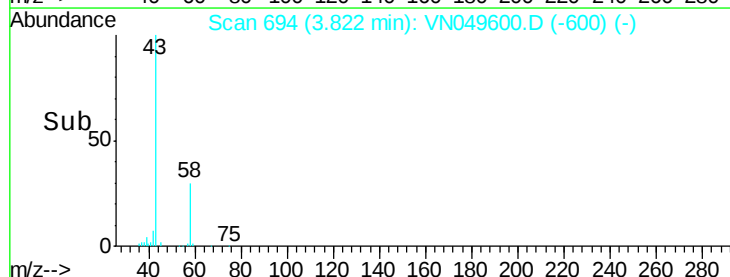
58 28.9 22.4 33.6

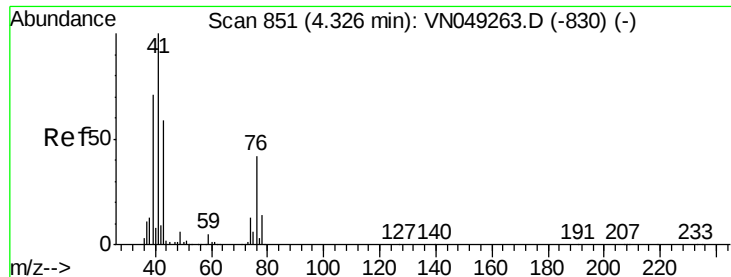


Abundance Ion 43.00 (42.70 to 43.70): VN049600.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049600.D (-600) (-)

Time-->

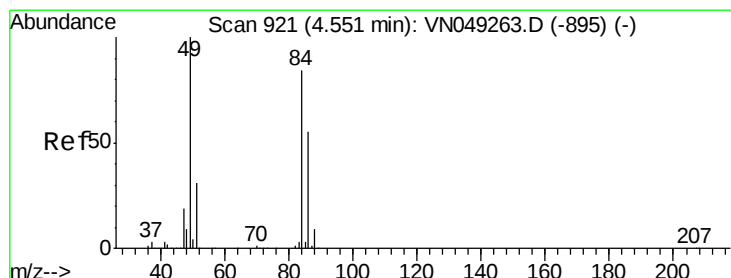
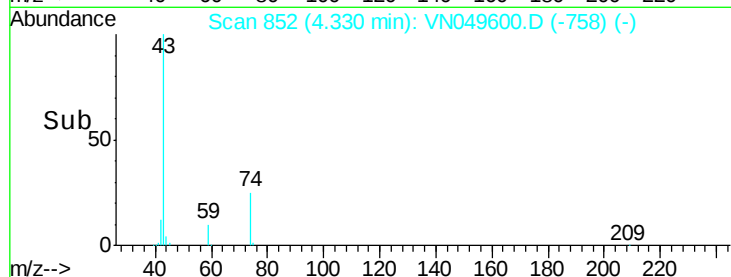
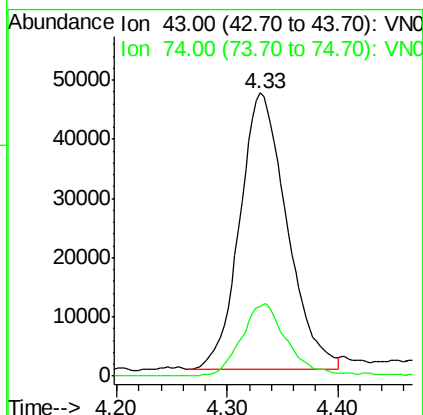
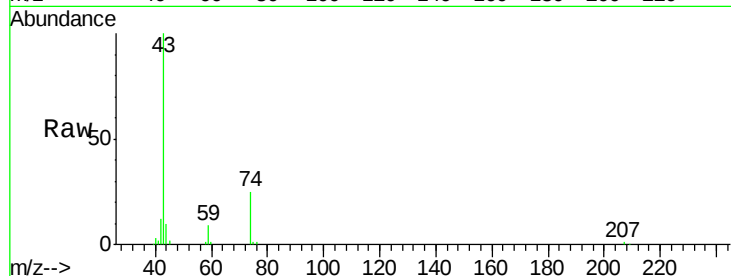




#18
Methvl Acetate
Concen: 13.21 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

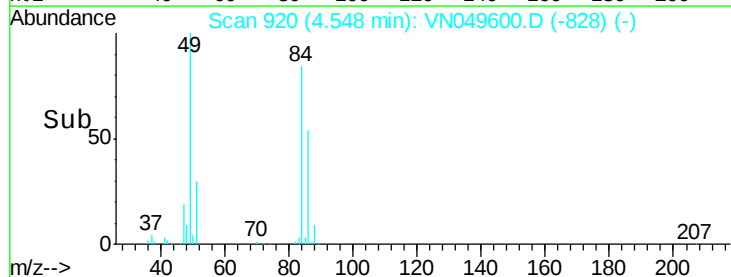
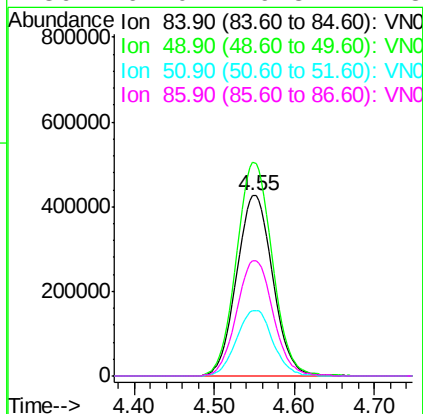
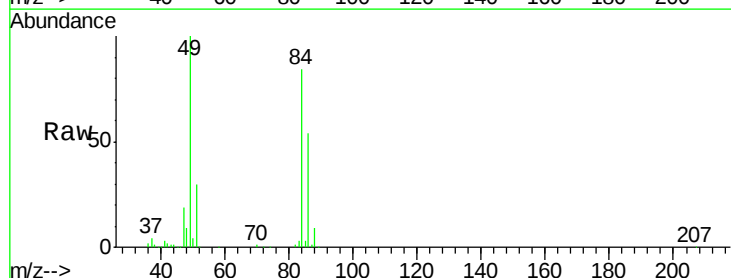
Instrument :
MSVOA_N
ClientSampled :

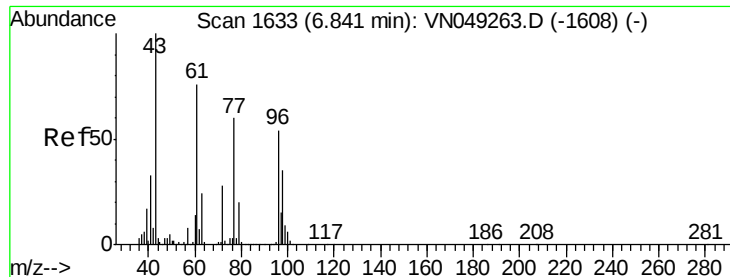
Tot Ion: 43 Resp: 138812
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0



#20
Methylene Chloride
Concen: 90.87 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 84 Resp: 1307605
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 36.1 32.7 49.1
86 64.0 49.8 74.8

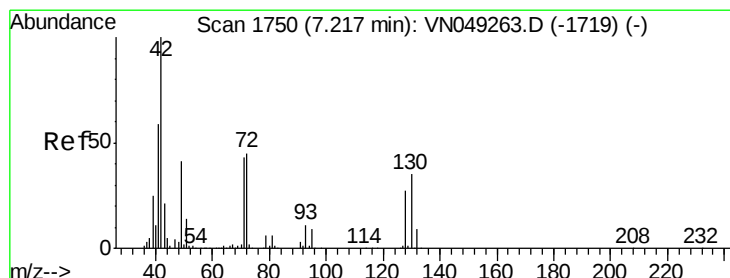
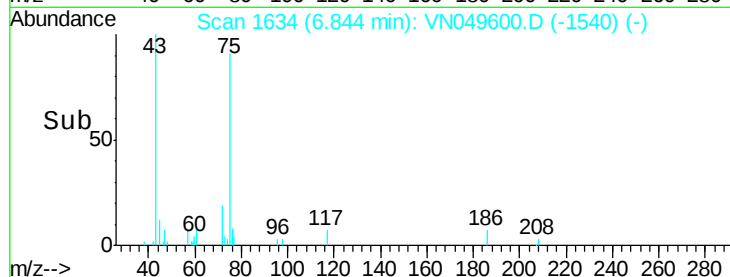
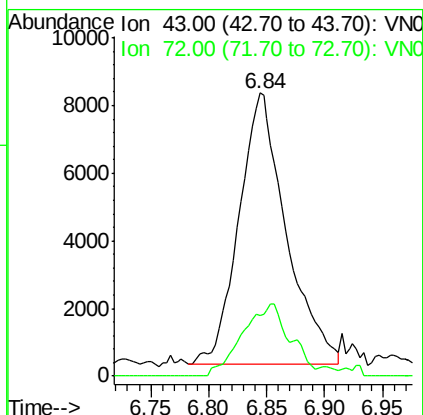
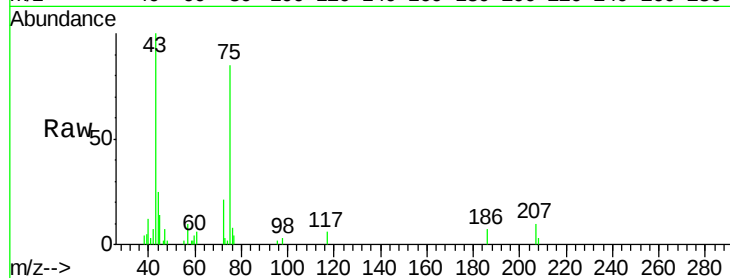




#25
2-Butanone
Concen: 4.91 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

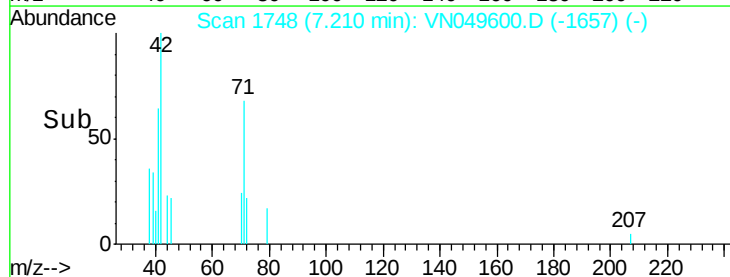
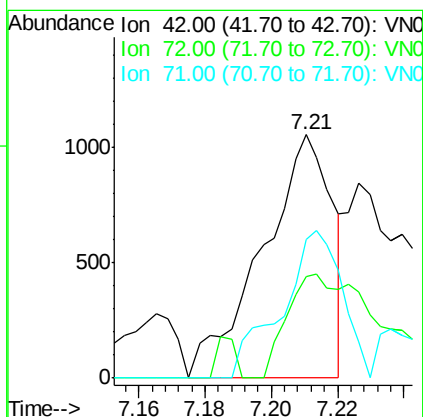
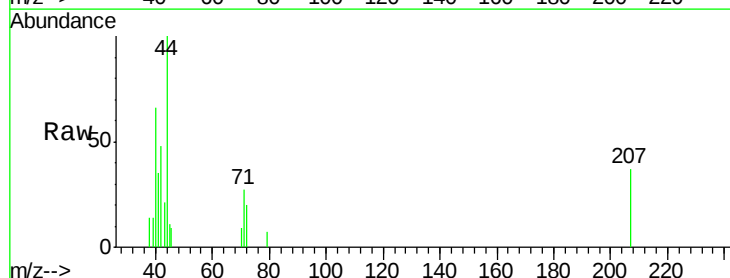
Instrument :
MSVOA_N
ClientSampleId :

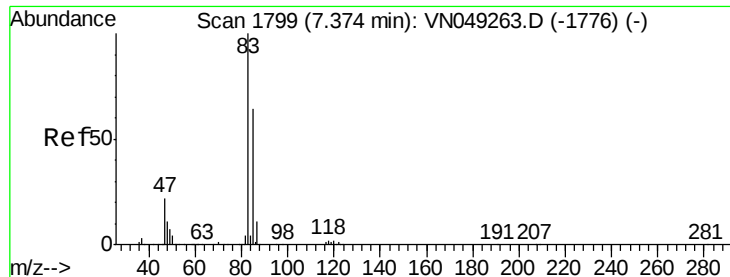
Tot Ion: 43 Resp: 22724
Ion Ratio Lower Upper
43 100
72 22.2 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.52 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 42 Resp: 1545
Ion Ratio Lower Upper
42 100
72 53.7 32.2 48.4#
71 53.0 30.5 45.7#

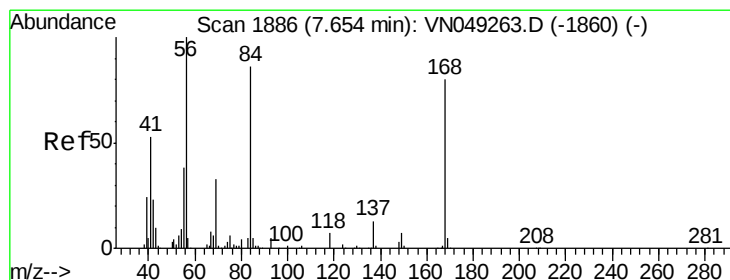
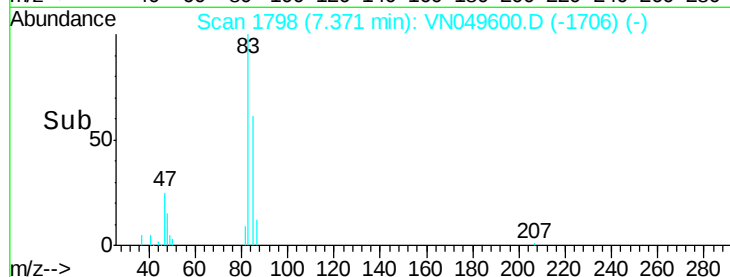
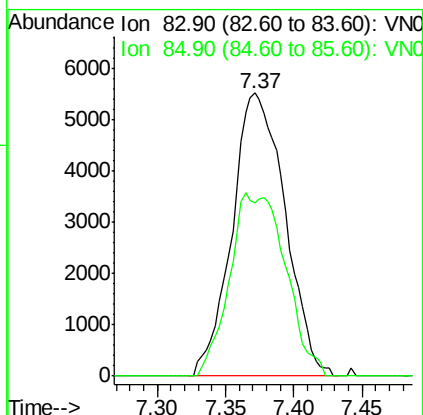
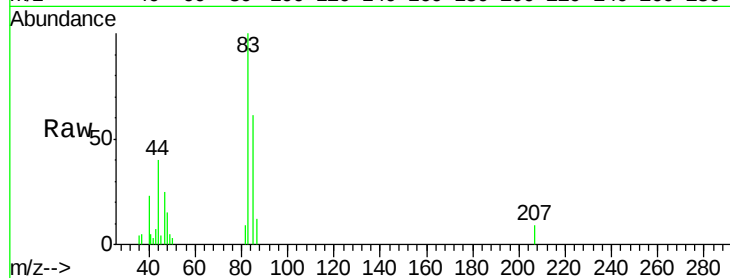




#30
Chloroform
Concen: 0.60 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

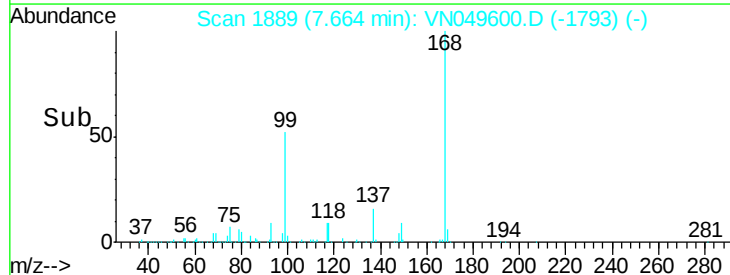
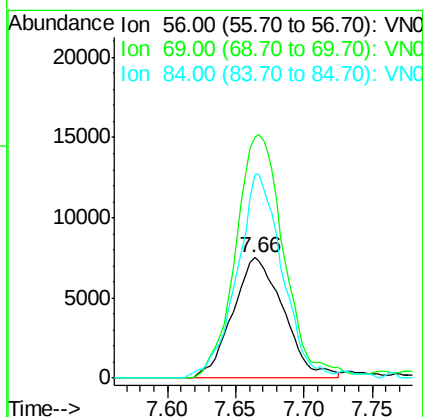
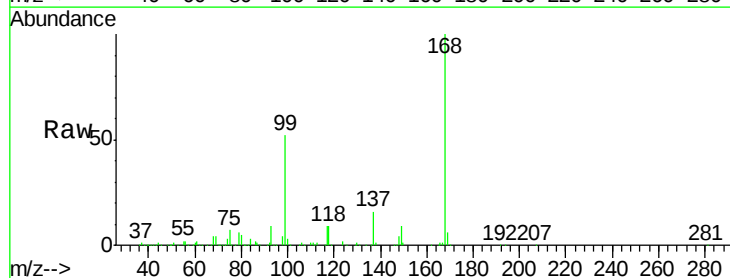
Instrument :
MSVOA_N
ClientSampleId :

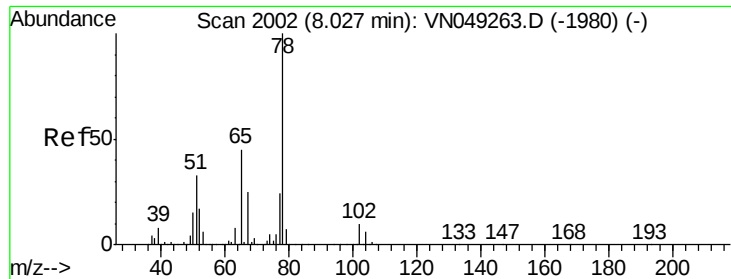
Tot Ion: 83 Resp: 14861
Ion Ratio Lower Upper
83 100
85 61.3 51.7 77.5



#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 56 Resp: 19451
Ion Ratio Lower Upper
56 100
69 200.2 25.0 37.4#
84 167.6 64.6 96.8#

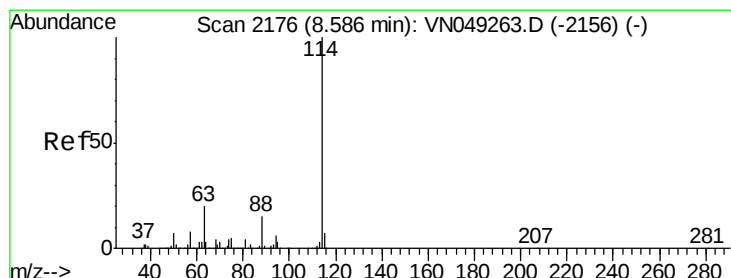
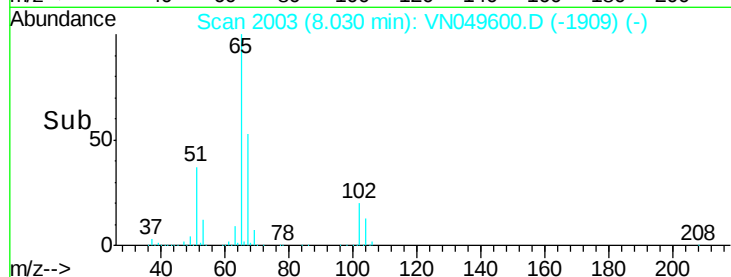
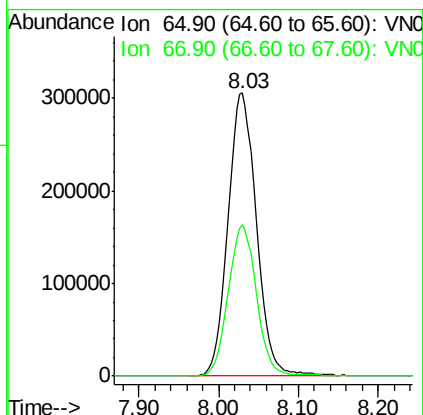
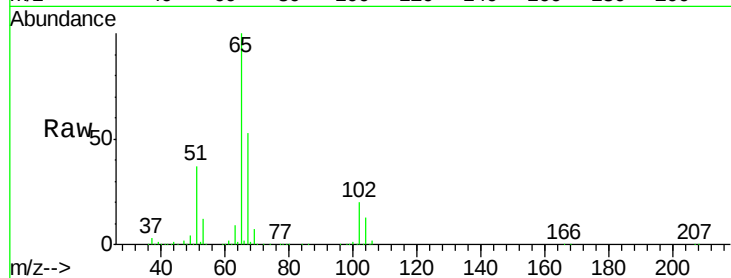




#33
 1,2-Dichloroethane-d4
 Concen: 51.90 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

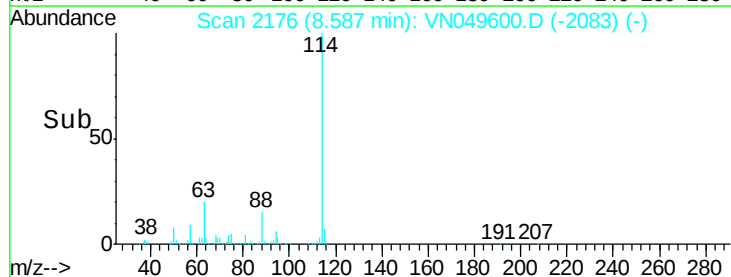
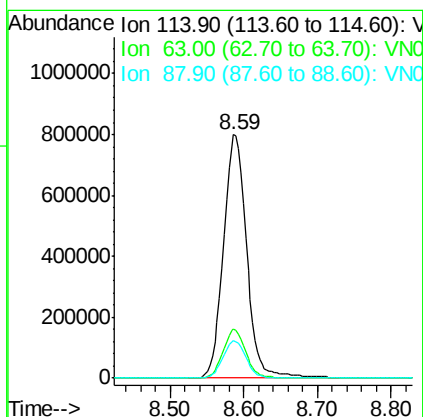
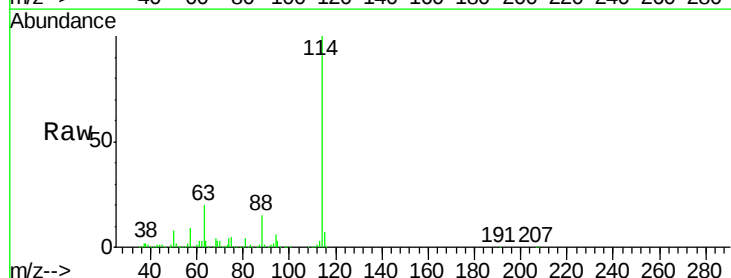
Instrument :
 MSVOA_N
 ClientSampleId :

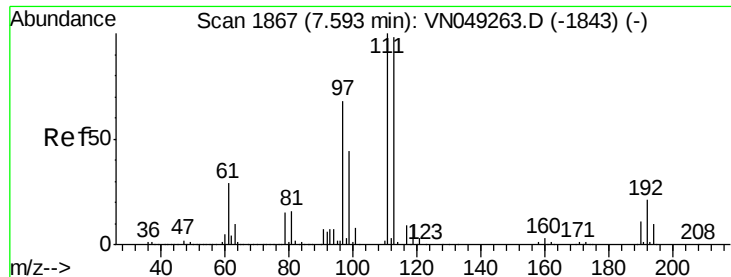
Tot Ion: 65 Resp: 736458
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Tgt Ion: 114 Resp: 1750854
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.5 0.0 31.4

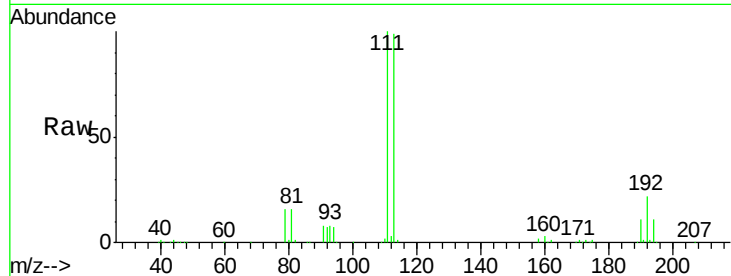




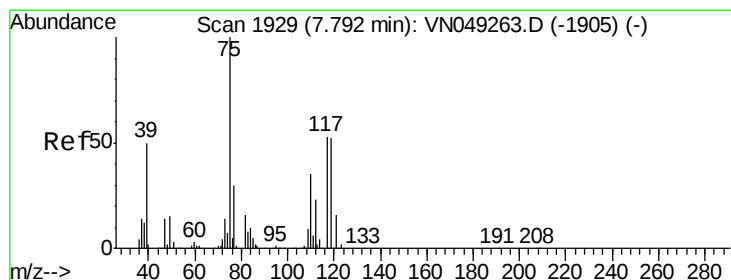
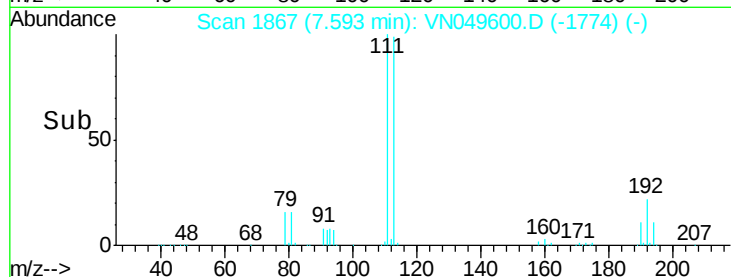
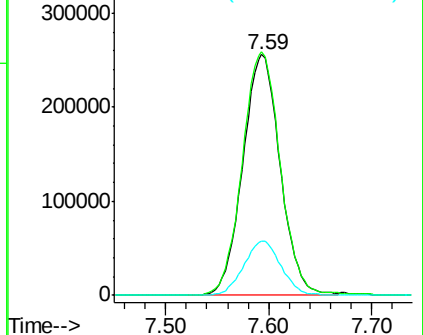
#35
 Dibromofluoromethane
 Concen: 45.49 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 644434
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 22.4 15.0 22.6

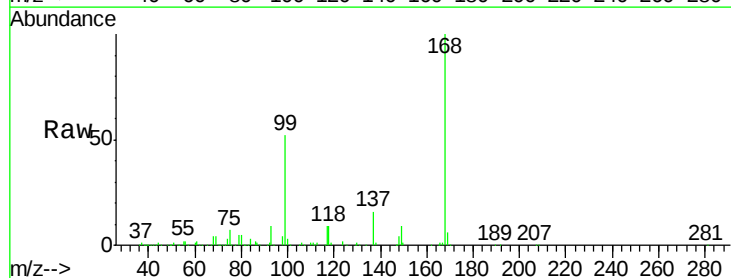


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

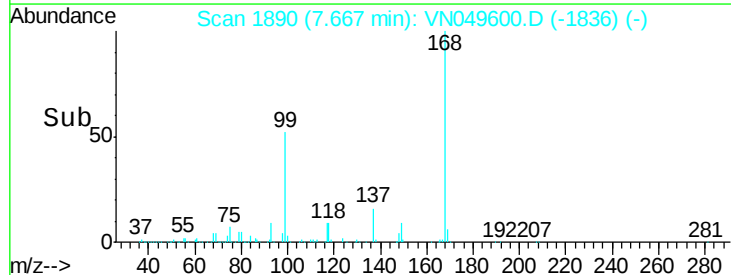
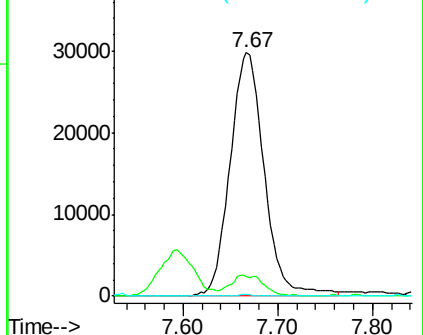


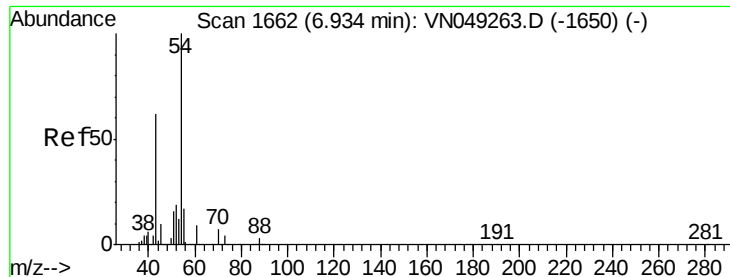
#36
 1,1-Dichloropropene
 Concen: 3.73 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Tgt Ion: 75 Resp: 74844
 Ion Ratio Lower Upper
 75 100
 110 2.9 17.0 50.9#
 77 0.2 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

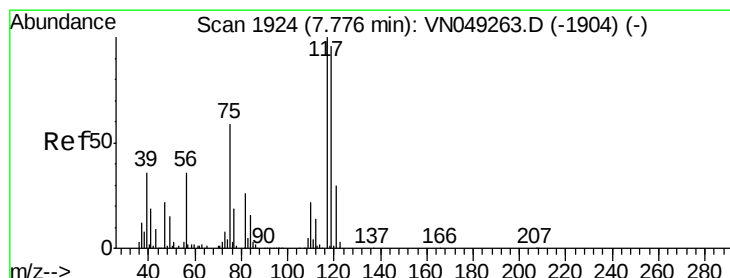
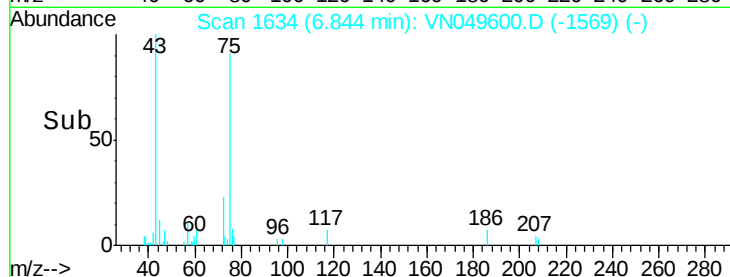
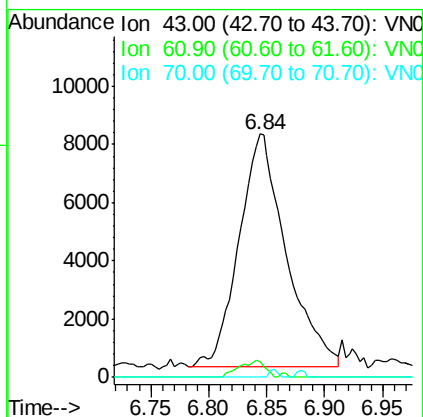
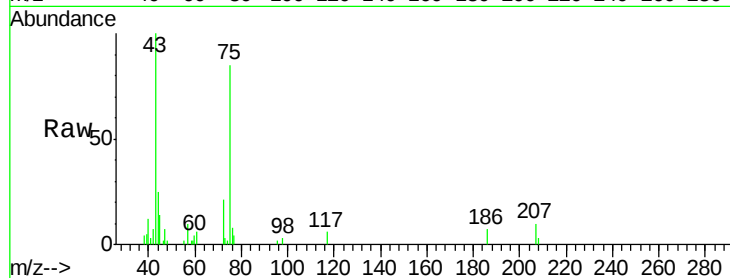




#37
Ethyl Acetate
Concen: 2.08 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

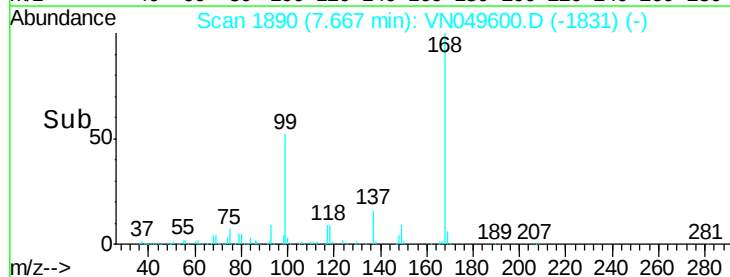
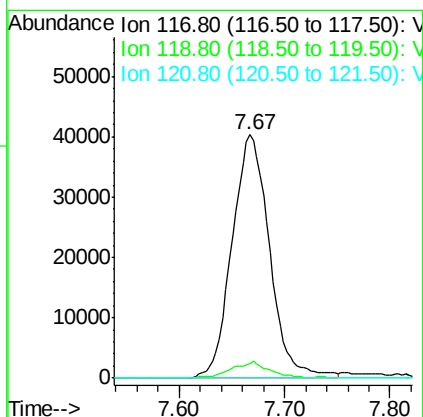
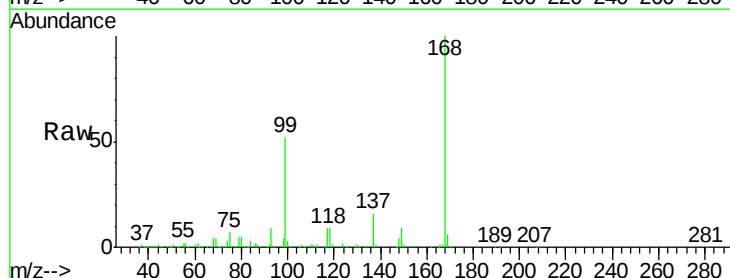
Instrument :
MSVOA_N
ClientSampled :

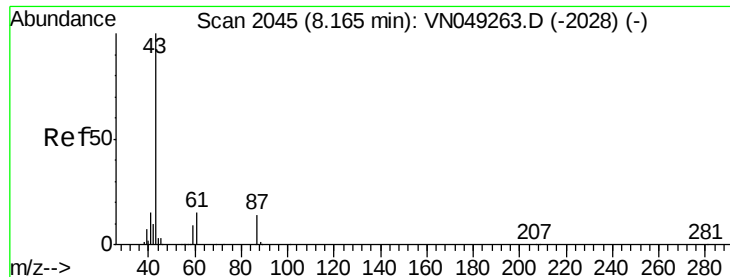
Tot Ion: 43 Resp: 22724
Ion Ratio Lower Upper
43 100
61 3.9 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 117 Resp: 99657
Ion Ratio Lower Upper
117 100
119 6.2 75.6 113.4#
121 0.0 24.7 37.1#



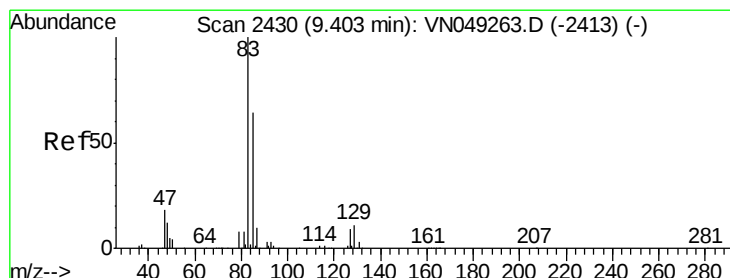
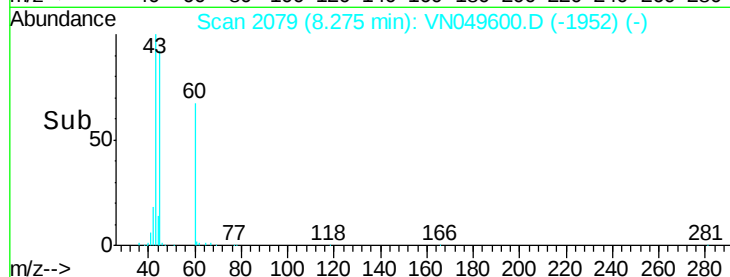
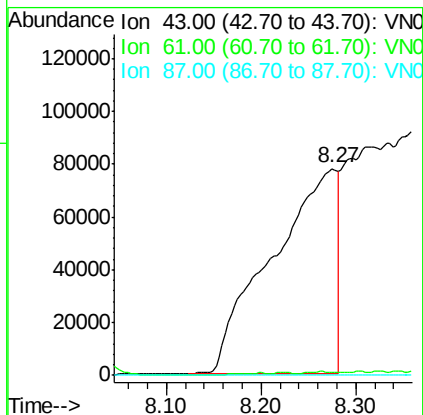
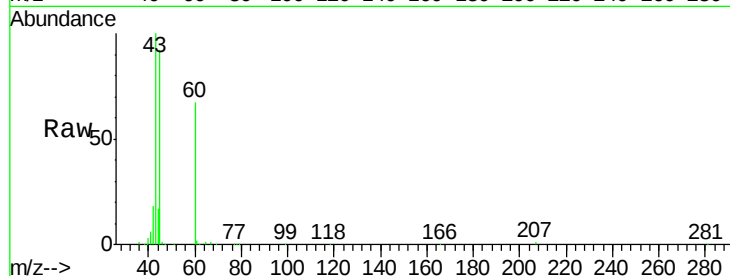


#43

Isopropyl Acetate
 Concen: 17.89 ug/l
 RT: 8.27 min Scan# 2079
 Delta R.T. 0.11 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Instrument :
 MSVOA_N
 ClientSampled :

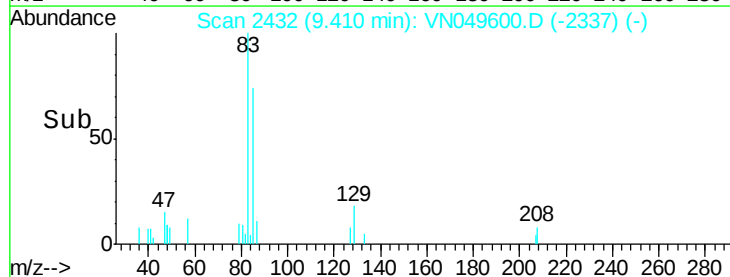
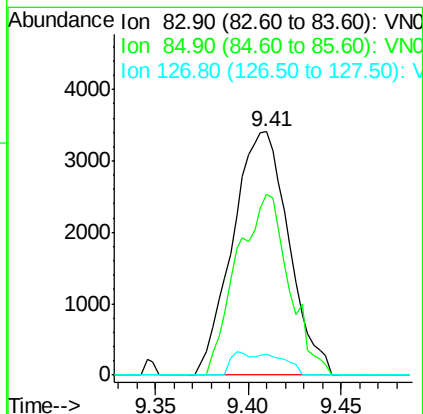
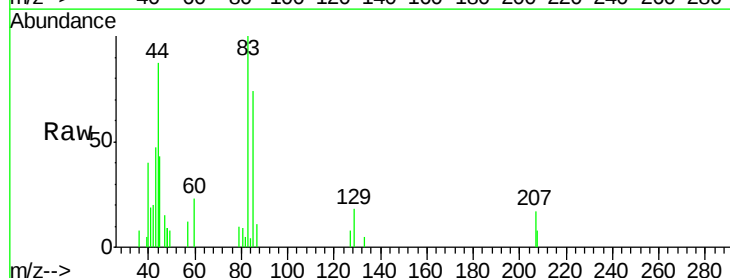
Tot Ion: 43 Resp: 372985
 Ion Ratio Lower Upper
 43 100
 61 0.3 14.2 21.4#
 87 0.0 9.4 14.0#

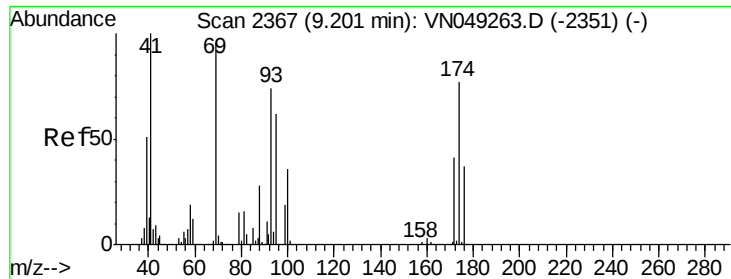


#47

Bromodichloromethane
 Concen: 0.35 ug/l
 RT: 9.41 min Scan# 2432
 Delta R.T. 0.01 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Tgt Ion: 83 Resp: 7181
 Ion Ratio Lower Upper
 83 100
 85 74.3 49.4 74.0#
 127 8.4 6.3 9.5

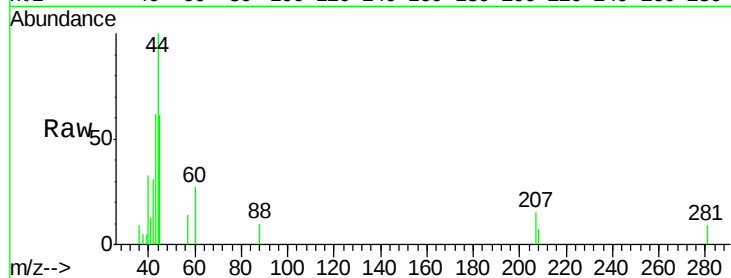




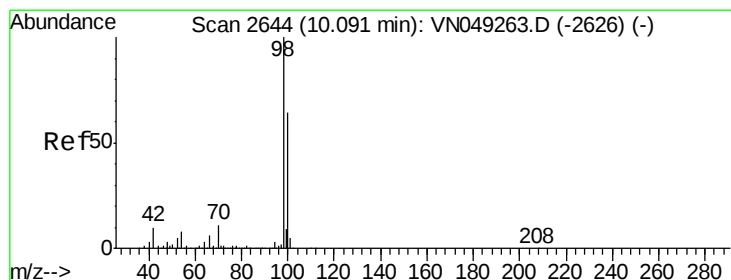
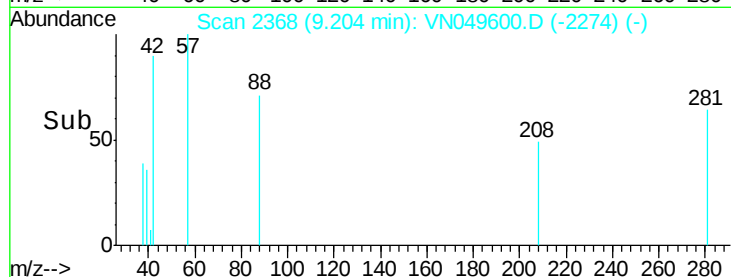
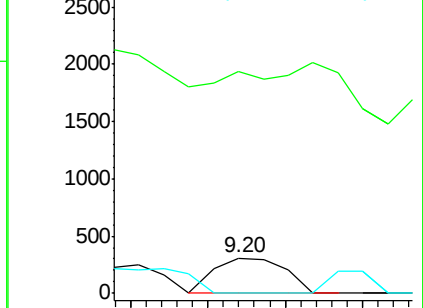
#49
1,4-Dioxane
Concen: 1.45 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 0.0 58.9 88.3#

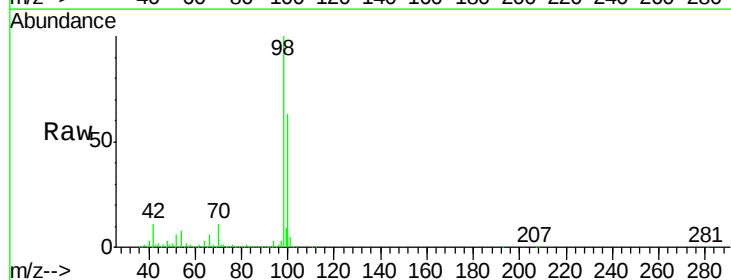


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

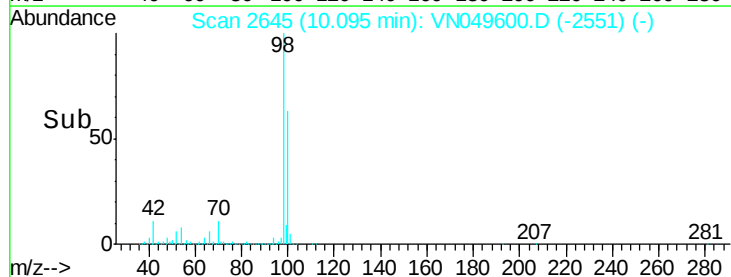
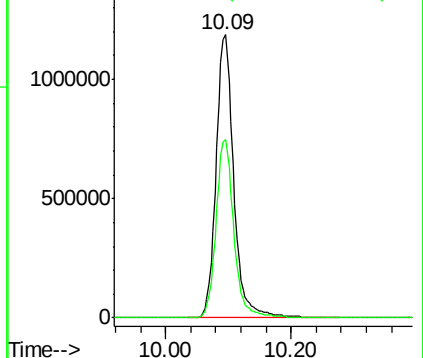


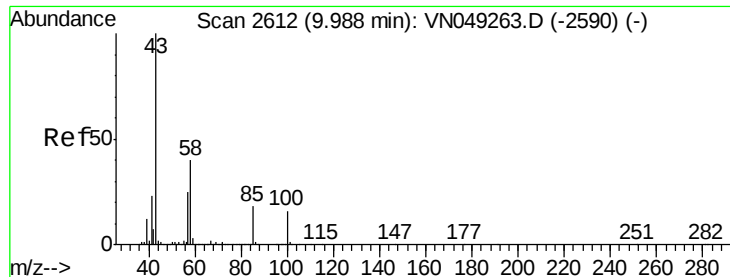
#50
Toluene-d8
Concen: 43.12 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 98 Resp: 2325688
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

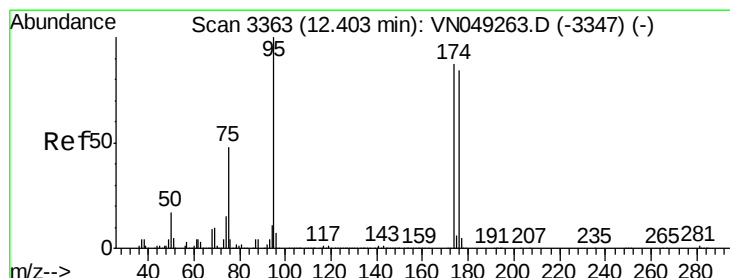
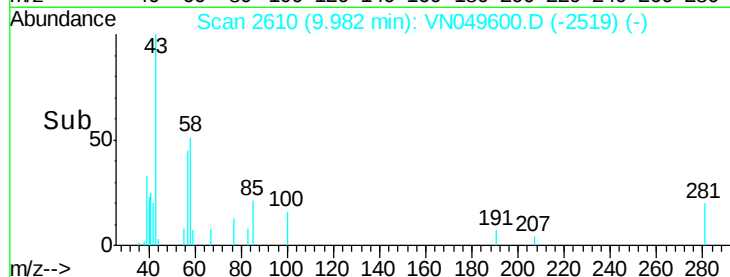
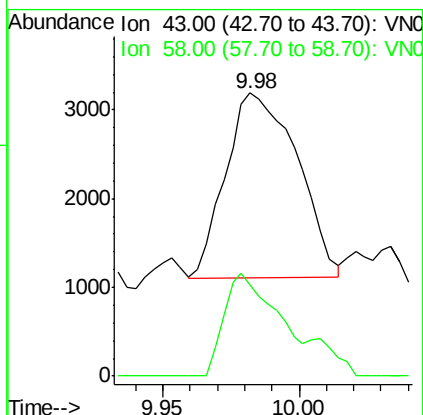
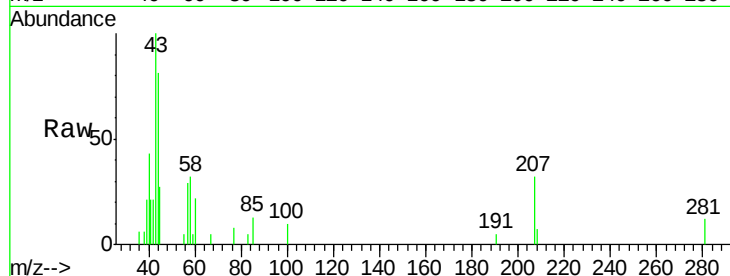




#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 9.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

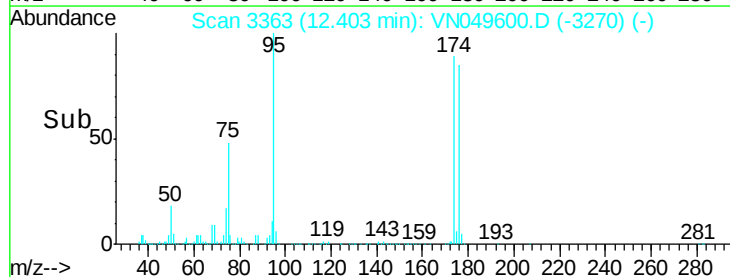
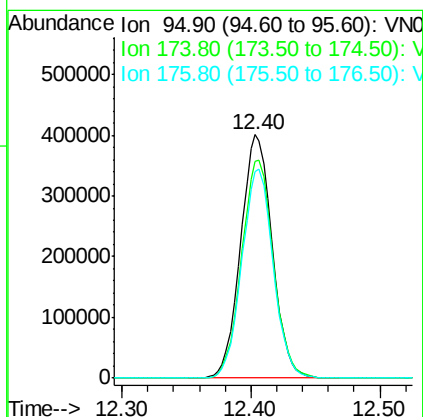
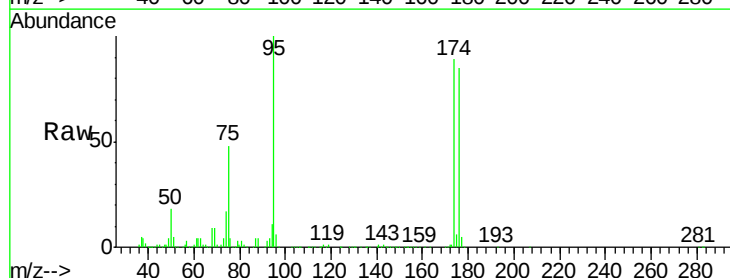
Instrument :
MSVOA_N
ClientSampleId :

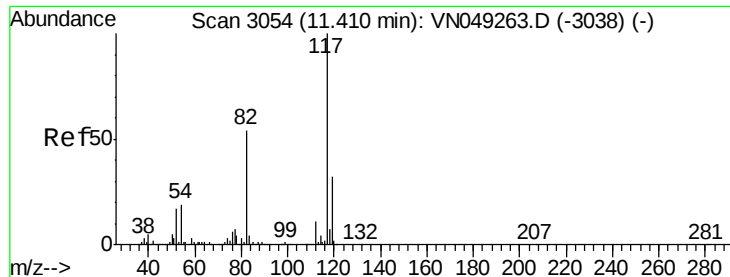
Tot Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#62
4-Bromofluorobenzene
Concen: 38.17 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 95 Resp: 680779
Ion Ratio Lower Upper
95 100
174 90.5 0.0 165.6
176 85.6 0.0 157.4

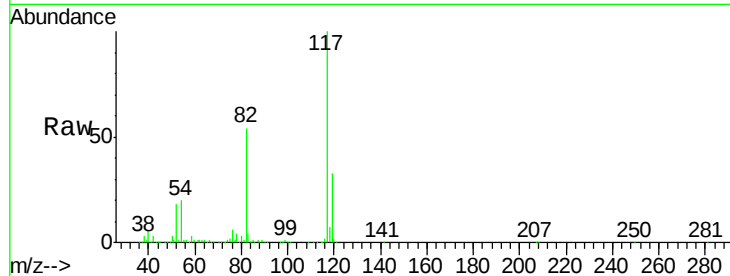




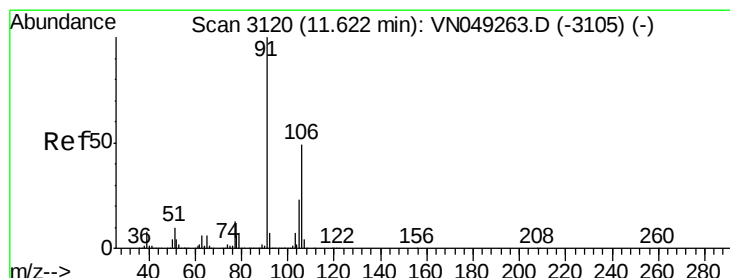
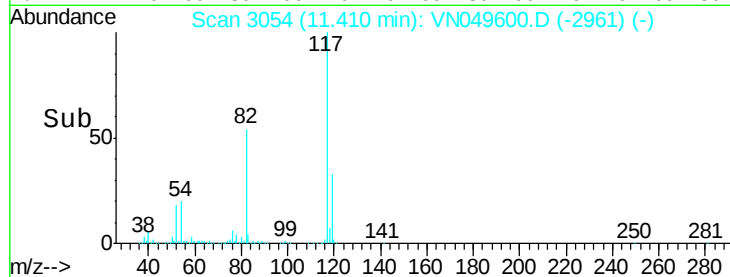
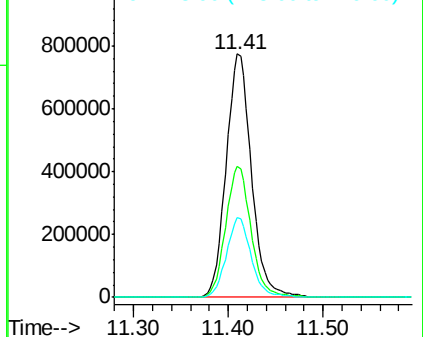
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1438223
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.5 25.5 38.3

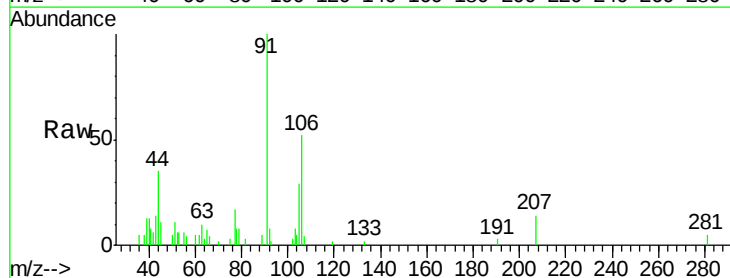


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

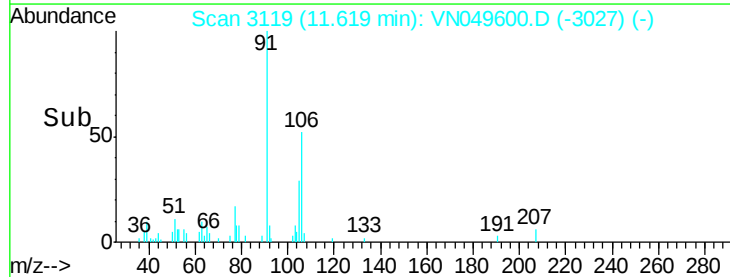
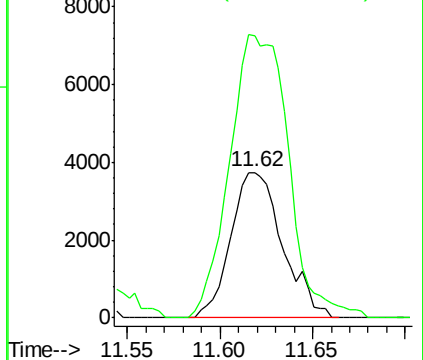


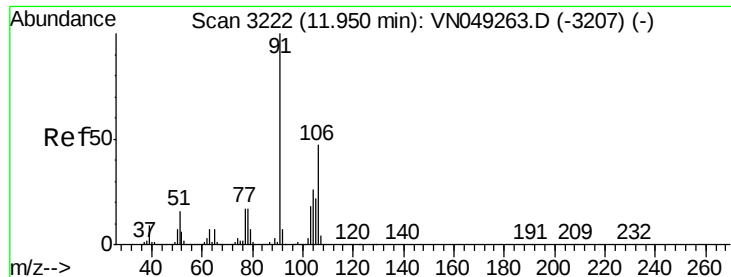
#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion:106 Resp: 7250
Ion Ratio Lower Upper
106 100
91 221.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

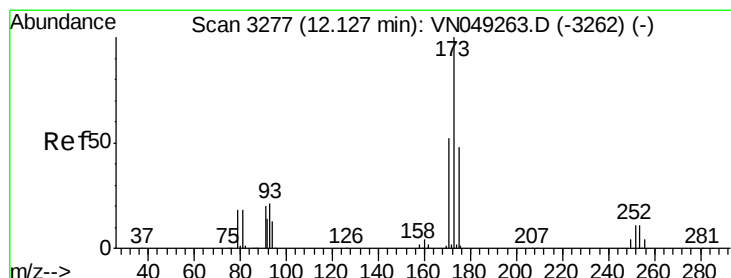
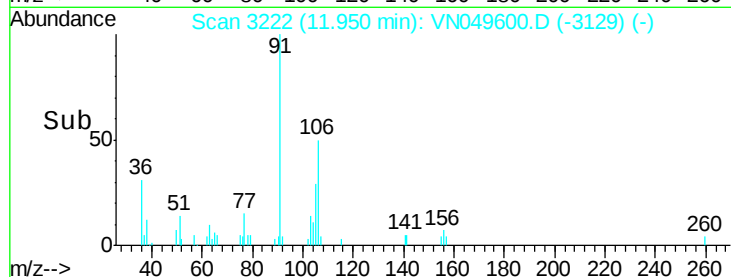
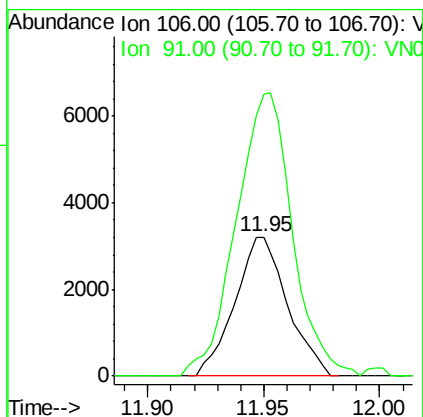
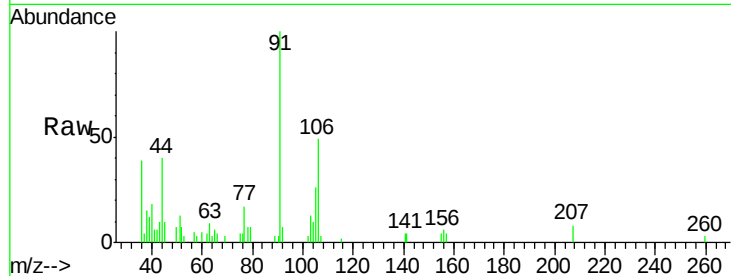




#69
o-Xylene
Concen: 0.23 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

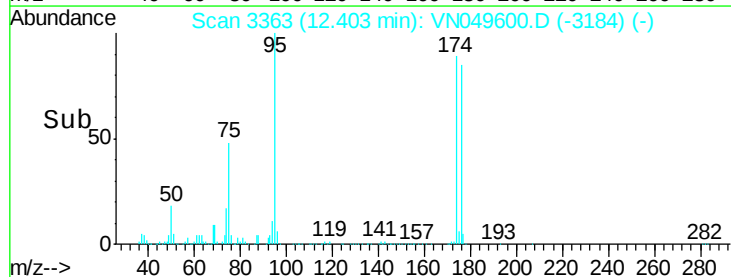
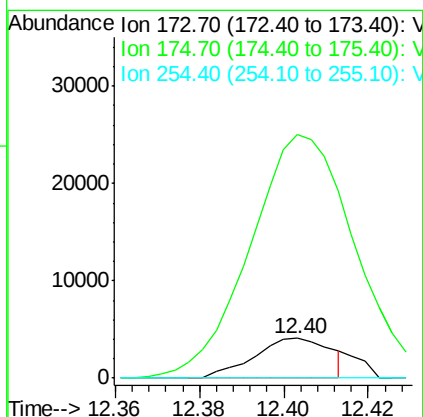
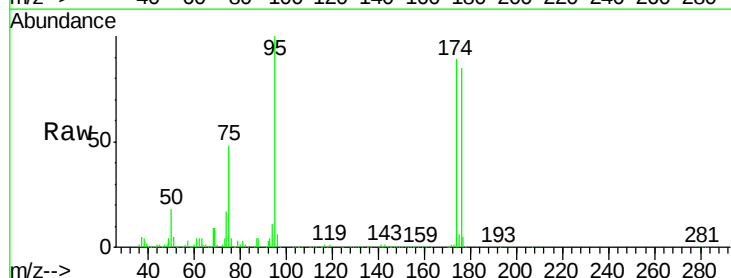
Instrument :
MSVOA_N
ClientSampled :

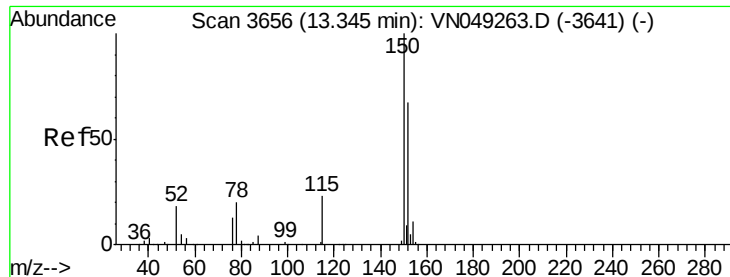
Tot Ion:106 Resp: 5060
Ion Ratio Lower Upper
106 100
91 217.2 111.0 333.0



#71
Bromoform
Concen: 0.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion:173 Resp: 5166
Ion Ratio Lower Upper
173 100
175 674.7 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

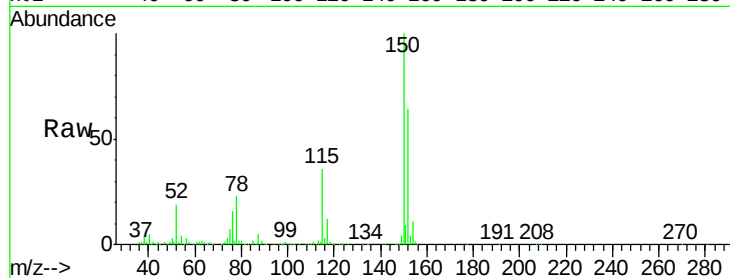
Tot Ion:152 Resp: 583631

Ion Ratio Lower Upper

152 100

115 55.2 28.7 86.1

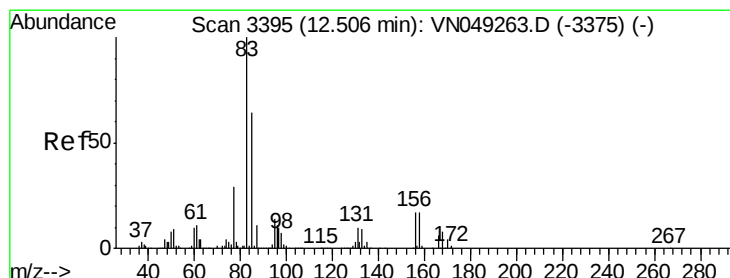
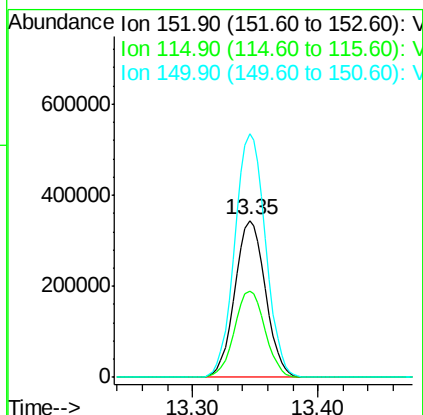
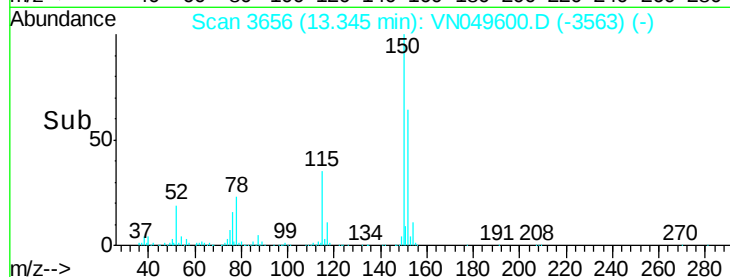
150 156.3 0.0 351.0



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: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

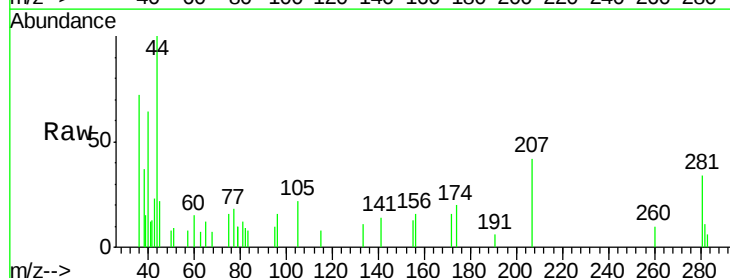
Tgt Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

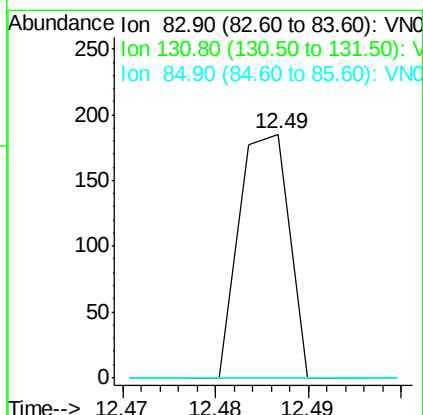
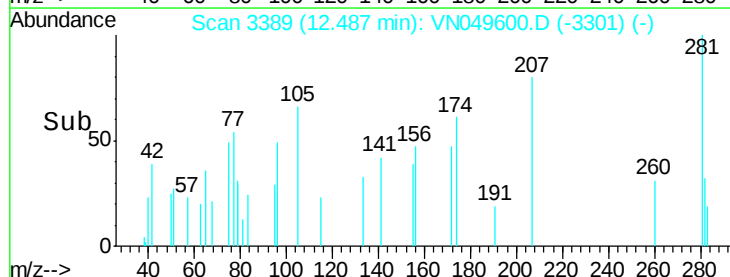
85 0.0 32.0 96.0#

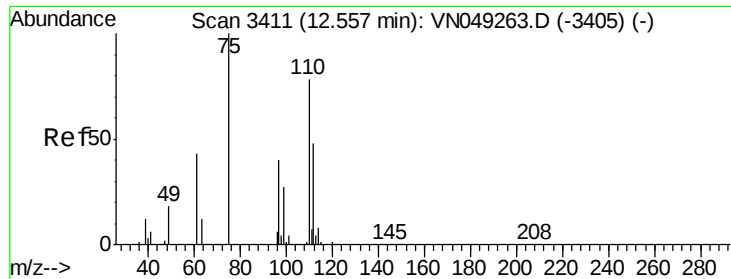


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 32.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

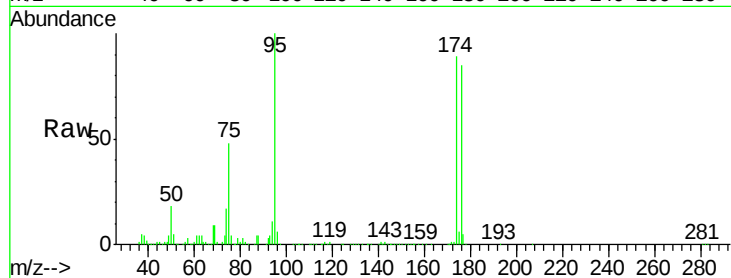
ClientSampled :

Tot Ion: 75 Resp: 326507

Ion Ratio Lower Upper

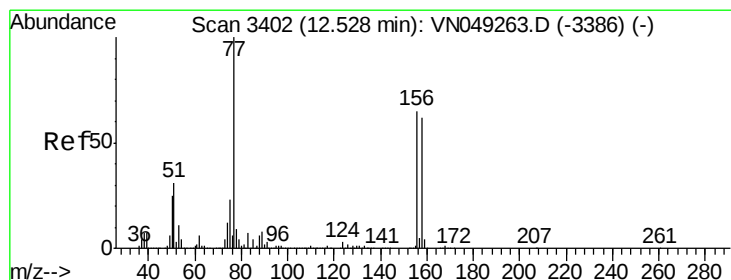
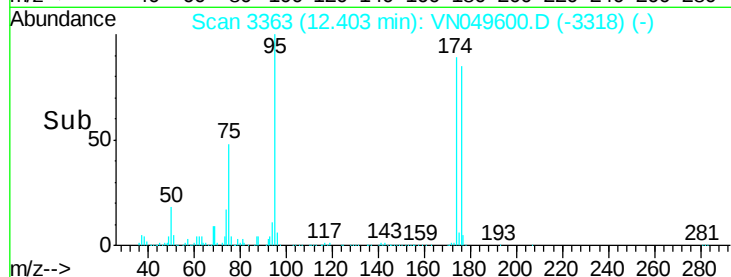
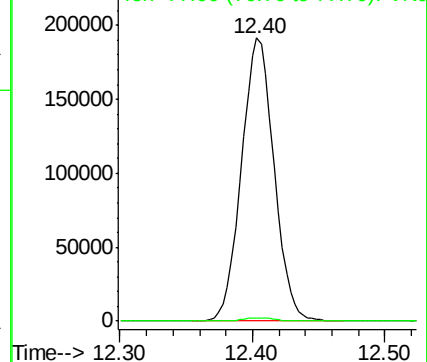
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 0.22 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

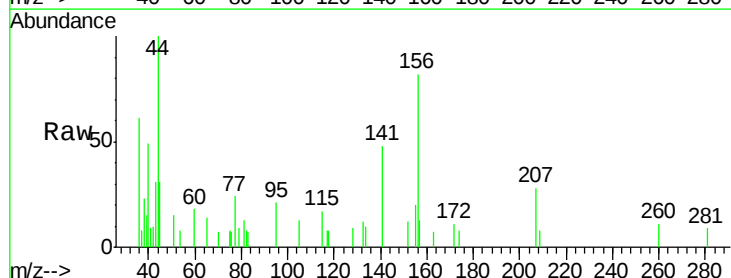
Tgt Ion: 156 Resp: 2959

Ion Ratio Lower Upper

156 100

77 13.8 100.8 302.4#

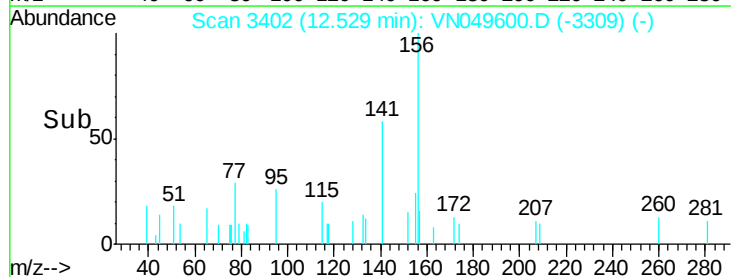
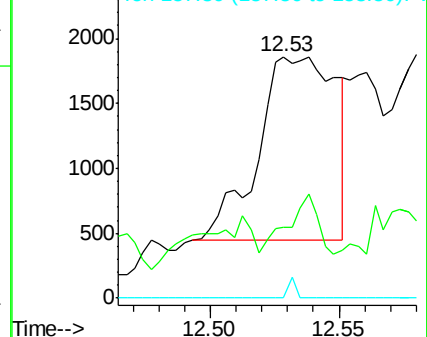
158 1.1 49.3 147.9#

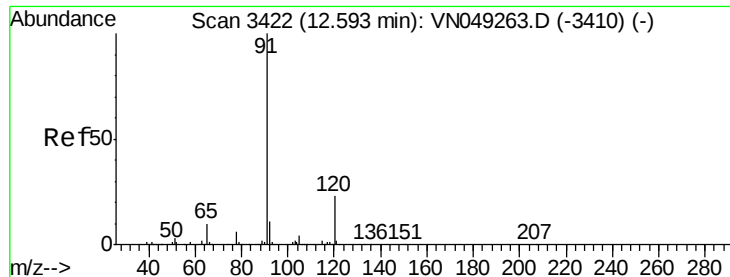


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

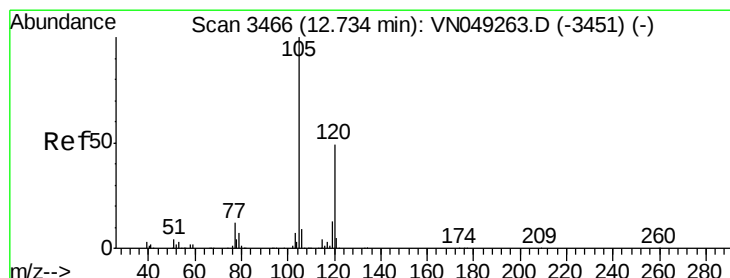
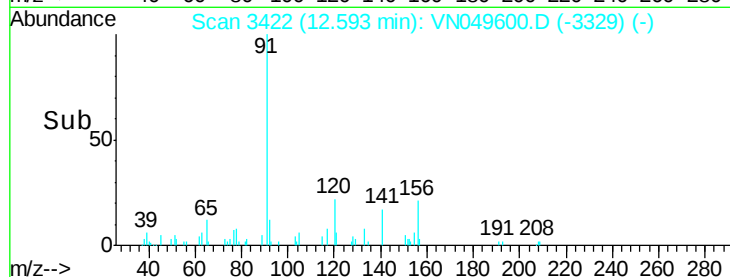
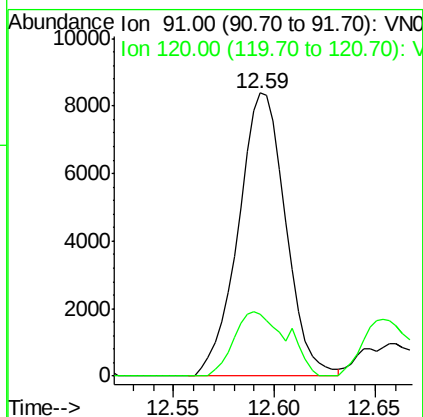
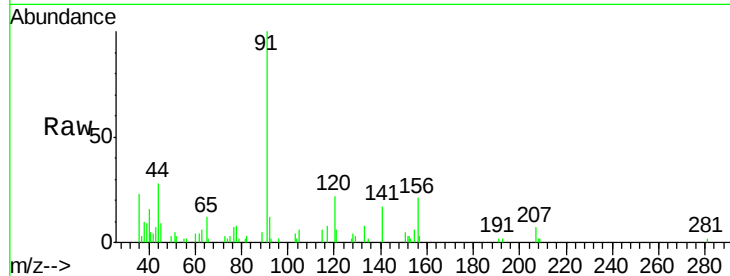




#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

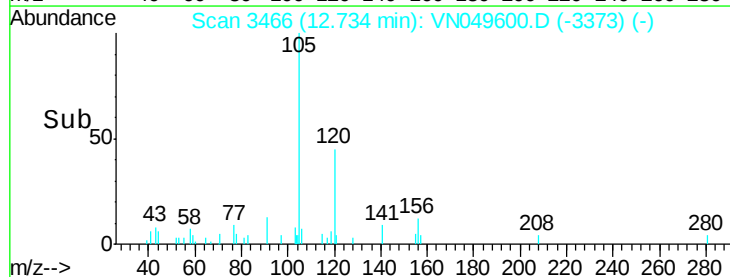
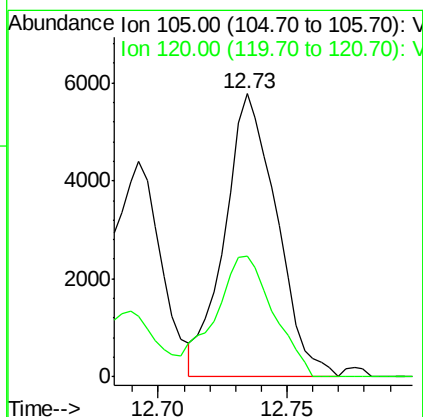
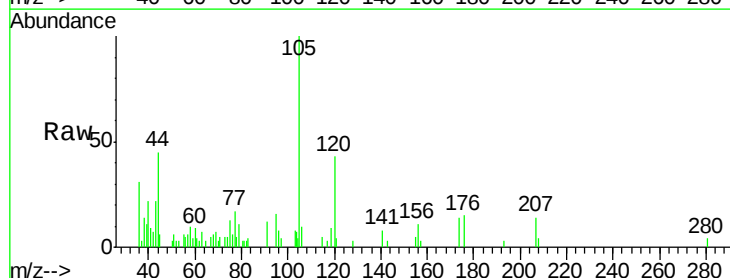
Instrument :
MSVOA_N
ClientSampled :

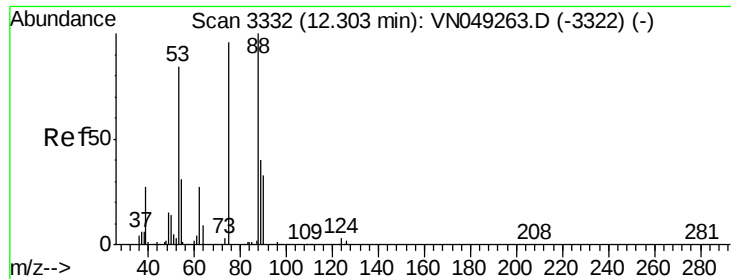
Tot Ion: 91 Resp: 13808
Ion Ratio Lower Upper
91 100
120 25.1 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 0.20 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion: 105 Resp: 8151
Ion Ratio Lower Upper
105 100
120 47.9 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 103.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

ClientSampled :

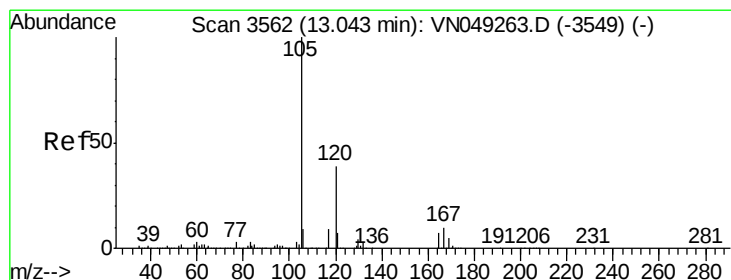
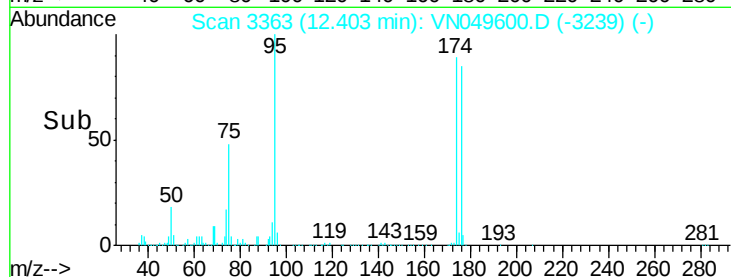
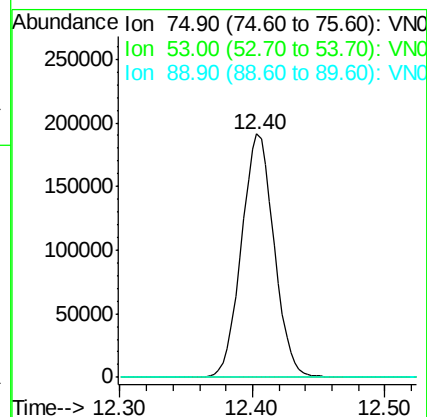
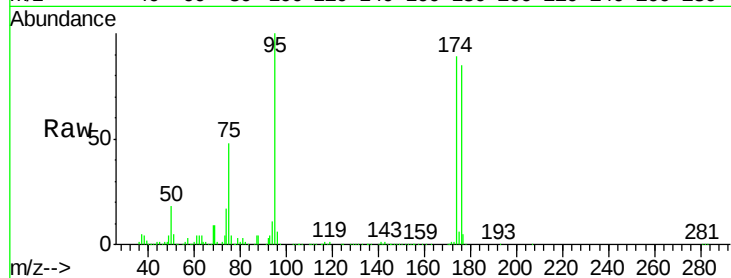
Tot Ion: 75 Resp: 326507

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#



#84

1,2,4-Trimethylbenzene

Concen: 0.62 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049600.D

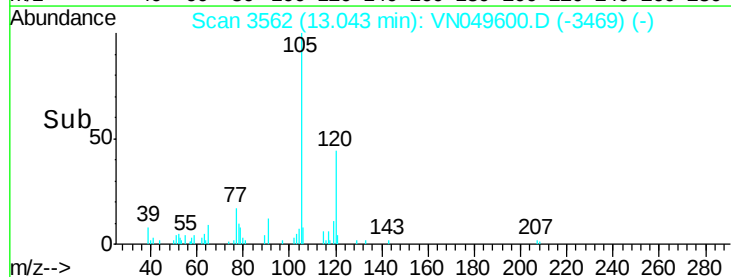
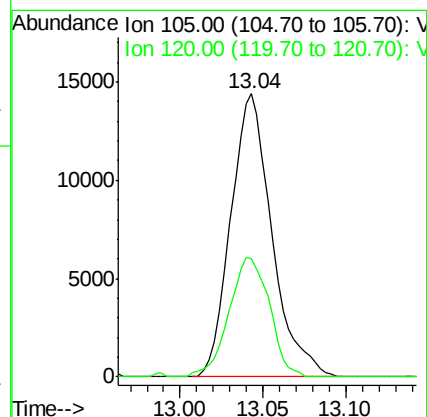
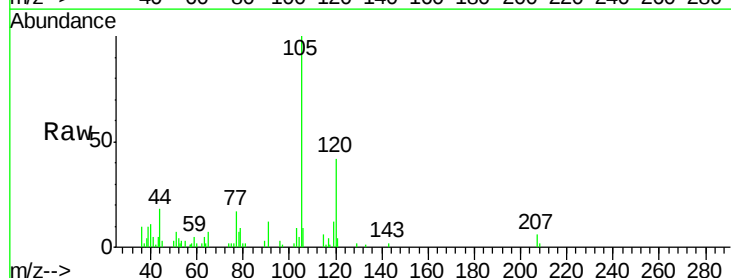
Acq: 28 Jun 2018 19:43

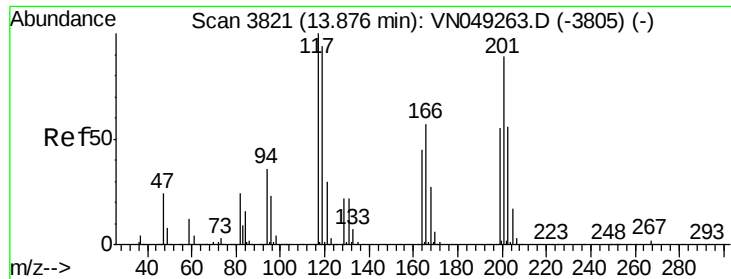
Tgt Ion: 105 Resp: 24847

Ion Ratio Lower Upper

105 100

120 41.5 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

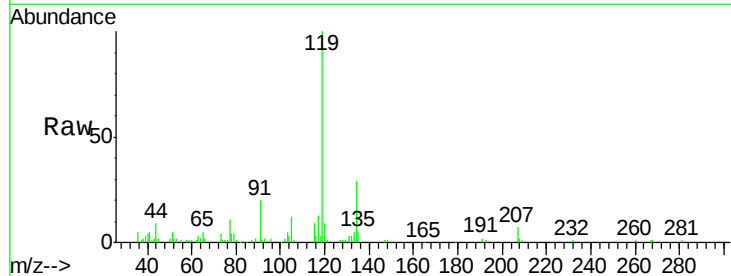
ClientSampleId :

Tot Ion:117 Resp: 6564

Ion Ratio Lower Upper

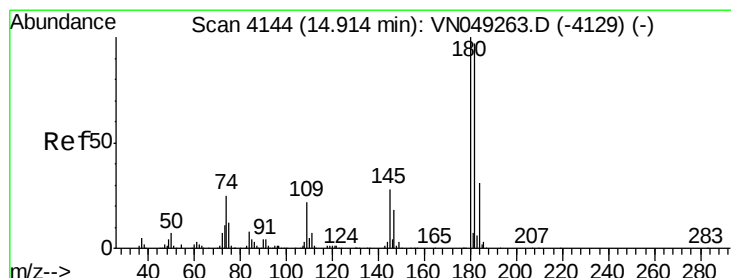
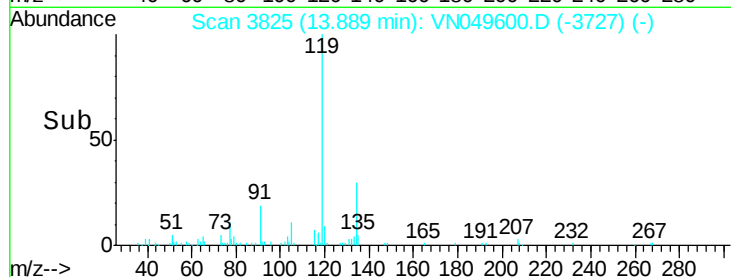
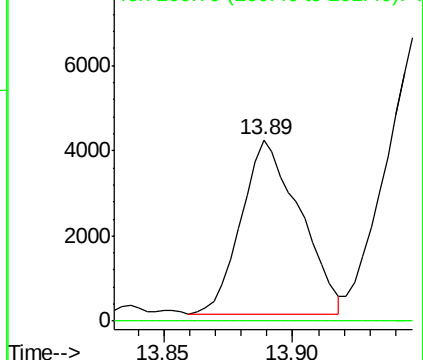
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.81 ug/l

RT: 14.92 min Scan# 4146

Delta R.T. 0.01 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

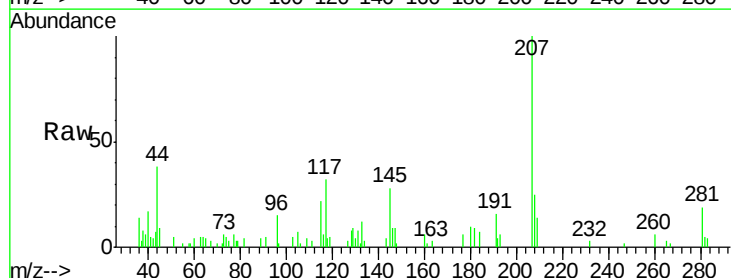
Tgt Ion:180 Resp: 738

Ion Ratio Lower Upper

180 100

182 197.2 46.9 140.8#

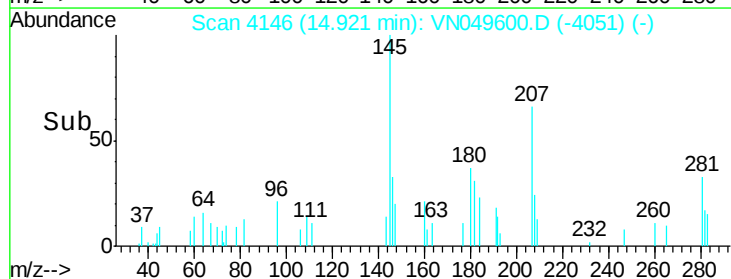
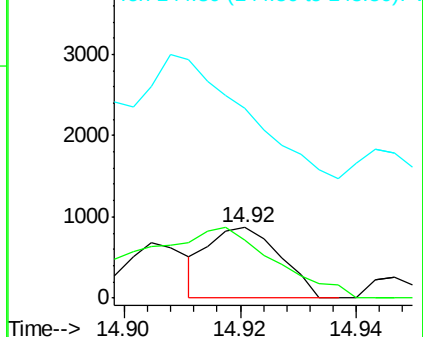
145 0.0 14.7 44.1#

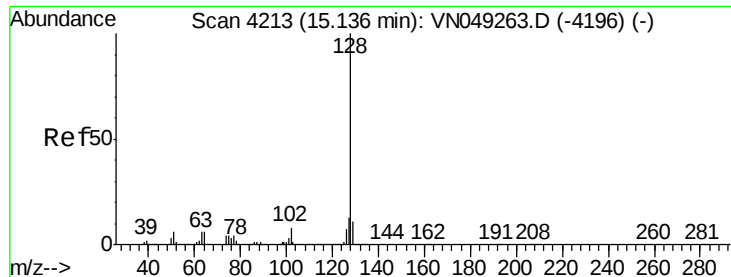


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 19.73 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

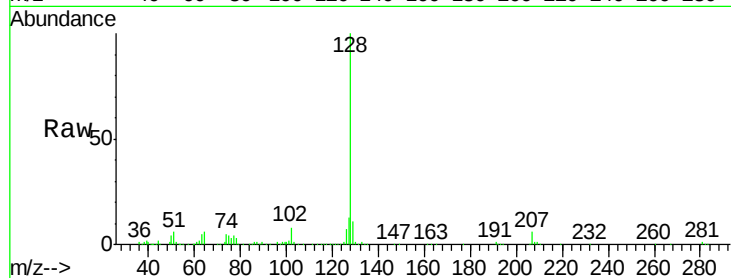
Tot Ion:128 Resp: 300475

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

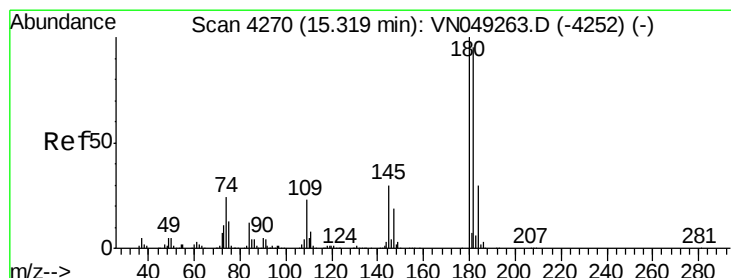
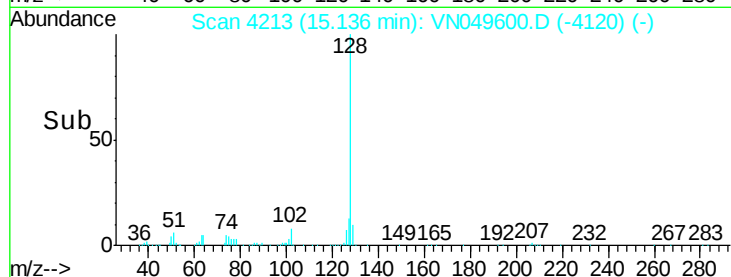
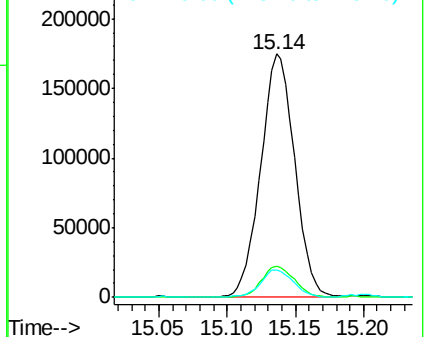
129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.51 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

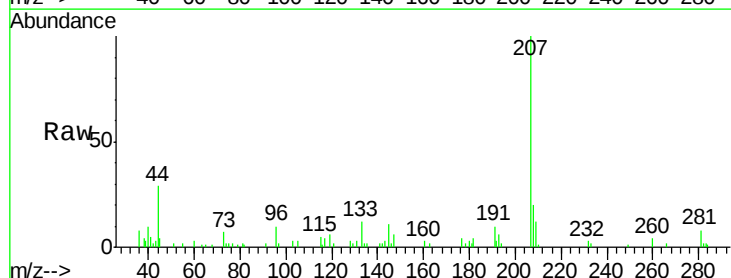
Tgt Ion:180 Resp: 502

Ion Ratio Lower Upper

180 100

182 100.0 47.3 141.8

145 0.0 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

