

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049601.D
 Acq On : 28 Jun 2018 20:09
 Operator : MD\SY
 Sample : J3048-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

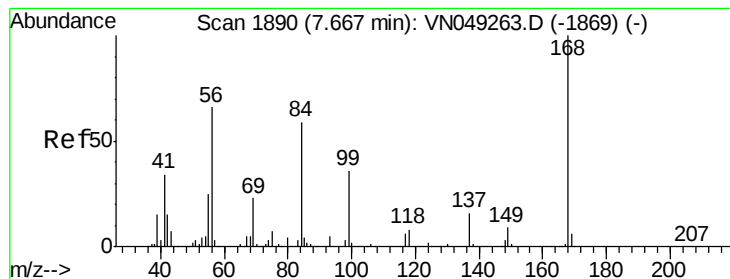
Quant Time: Jun 29 01:42:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1096921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1745961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1440386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	582560	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	735350	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	646777	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	
50) Toluene-d8	10.09	98	2346789	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	12.40	95	682418	38.37	ug/l	0.00
Spiked Amount			Recovery	=	76.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	12510	1.66	ug/l	100
11) Tert butyl alcohol	4.79	59	819	0.96	ug/l #	70
13) Acrolein	3.60	56	1656	1.85	ug/l #	76
14) Allyl chloride	4.55	41	111804	5.63	ug/l #	20
16) Acetone	3.82	43	82401	23.33	ug/l	92
18) Methyl Acetate	4.33	43	168238	15.62	ug/l	95
20) Methylene Chloride	4.55	84	3266223	221.38	ug/l	90
25) 2-Butanone	6.85	43	13332	2.81	ug/l	93
30) Chloroform	7.37	83	5109	0.20	ug/l	94
31) Cyclohexane	7.67	56	20914	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	74772	3.74	ug/l #	47
37) Ethyl Acetate	6.85	43	13332	1.23	ug/l #	70
38) Carbon Tetrachloride	7.67	117	98678	4.76	ug/l #	16
40) Benzene	8.04	78	41317	0.67	ug/l	99
43) Isopropyl Acetate	8.31	43	542115	26.08	ug/l #	64
49) 1,4-Dioxane	9.07	88	36	0.27	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	5853	0.54	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.82	63	29	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	9039	0.24	ug/l #	84
71) Bromoform	12.41	173	5052	0.56	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.54	83	37	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	331551	33.36	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	331551	105.42	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	19513	0.49	ug/l	90
90) Hexachloroethane	13.89	117	1184	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	1017	4.83	ug/l #	53
95) Naphthalene	15.14	128	145299	10.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	65	3.46	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

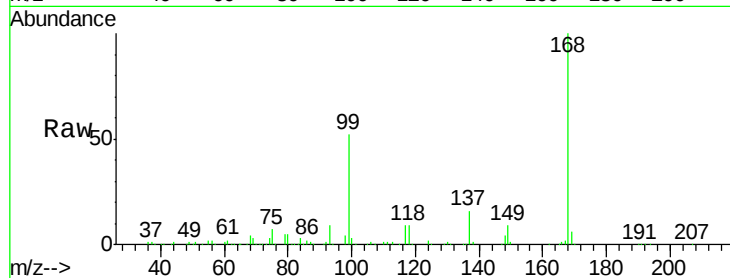
ClientSampleId :

Tot Ion:168 Resp: 1096921

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

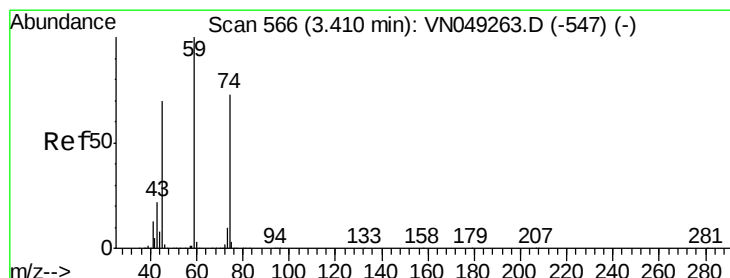
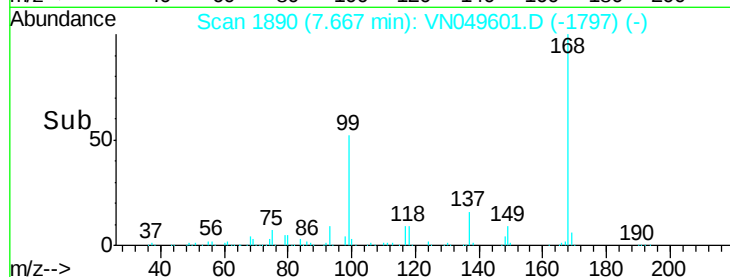
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.66 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049601.D

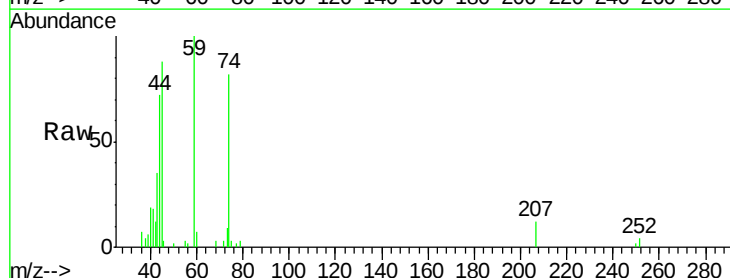
Acq: 28 Jun 2018 20:09

Tgt Ion: 74 Resp: 12510

Ion Ratio Lower Upper

74 100

45 103.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

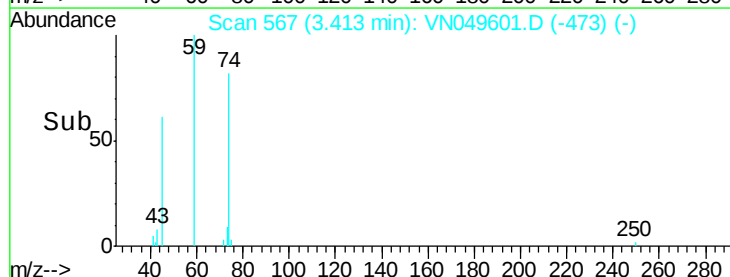
6000

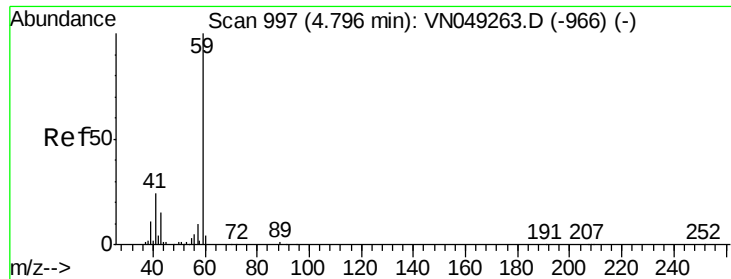
4000

2000

0

Time-->

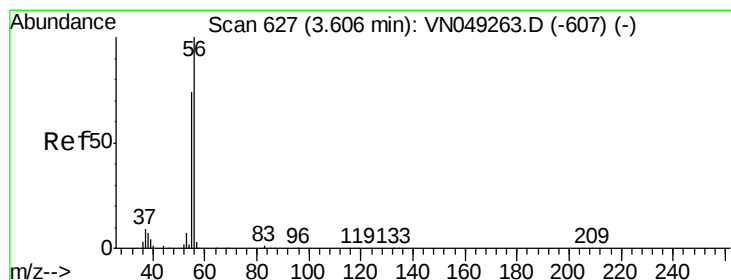
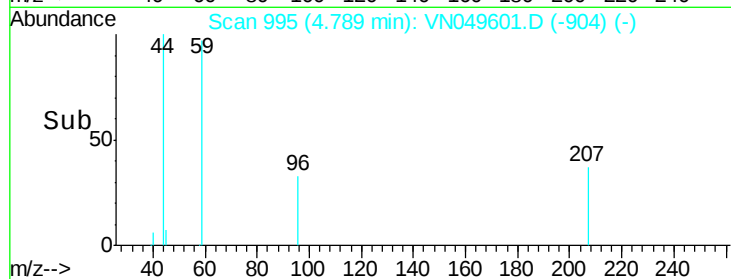
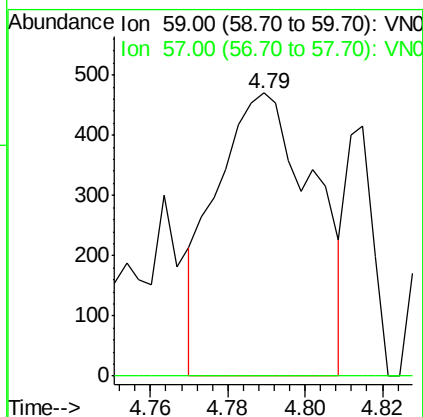
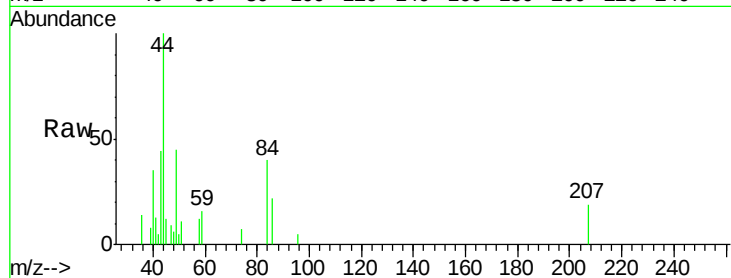




#11
Tert butyl alcohol
Concen: 0.96 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.01 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

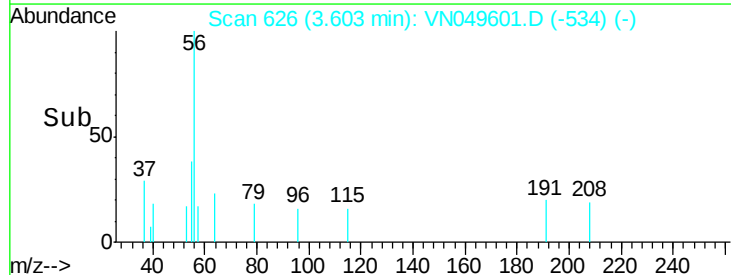
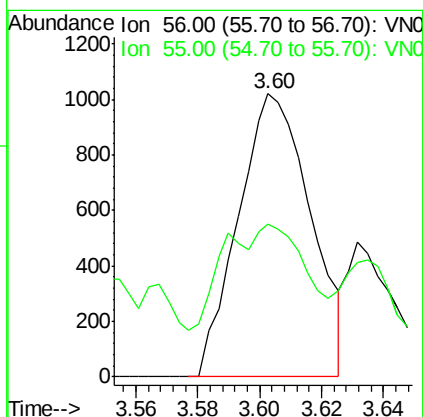
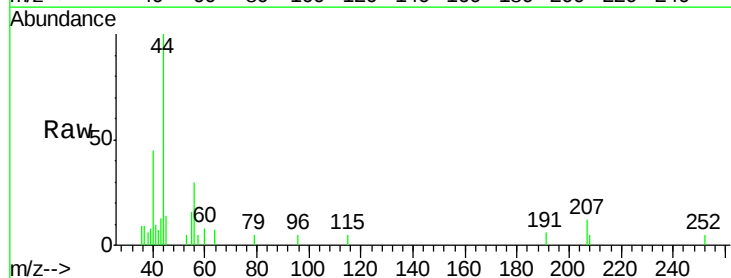
Instrument :
MSVOA_N
ClientSampled :

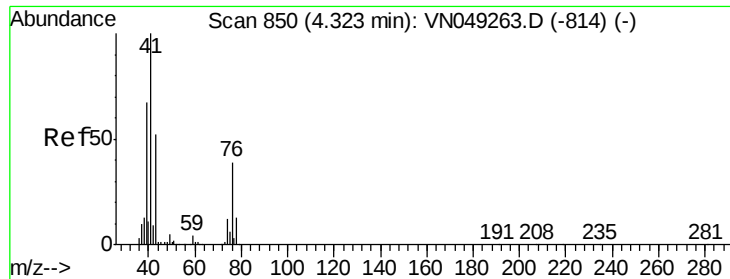
Tot Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 1.85 ug/l
RT: 3.60 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 56 Resp: 1656
Ion Ratio Lower Upper
56 100
55 51.4 57.1 85.7#

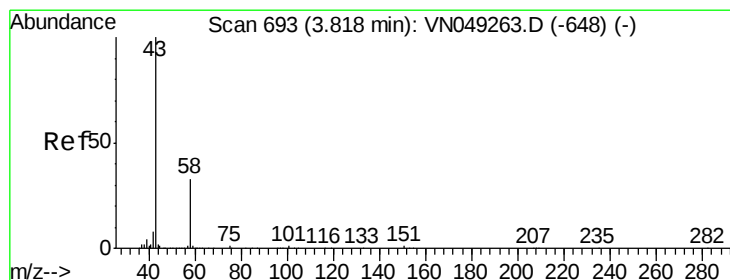
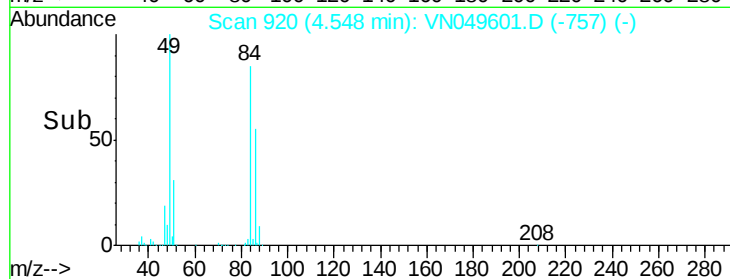
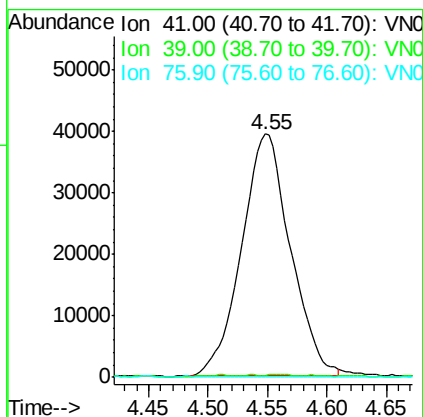
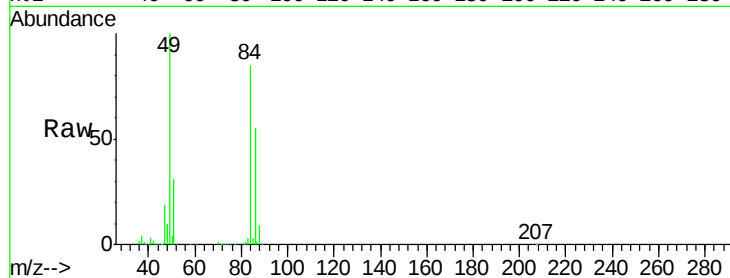




#14
Allvl chloride
Concen: 5.63 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

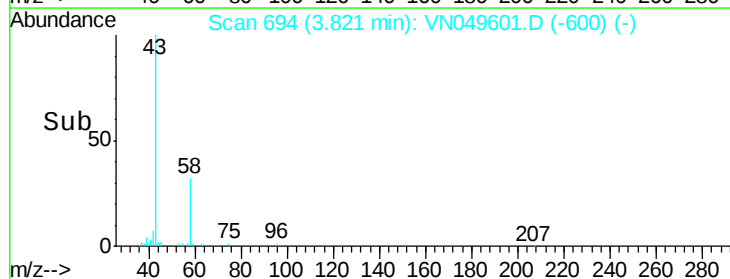
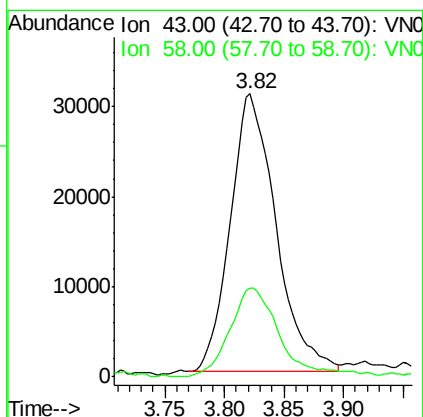
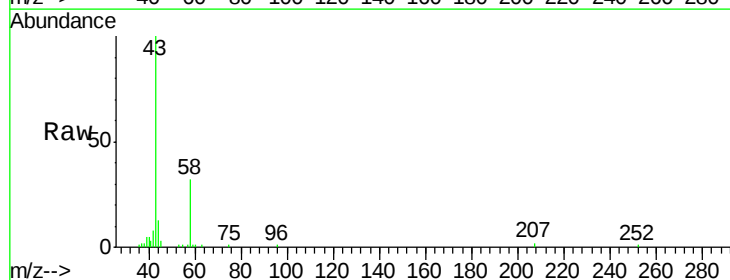
Instrument :
MSVOA_N
ClientSampled :

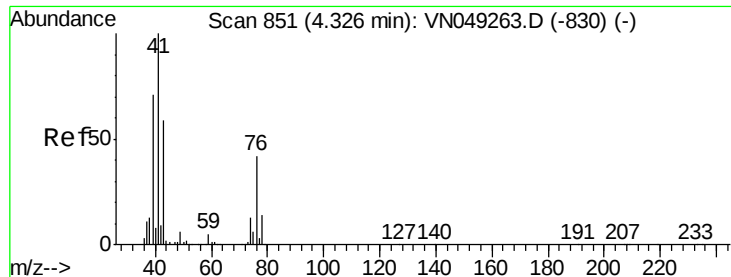
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.5	62.5	93.7#
76	0.0	27.1	40.7#



#16
Acetone
Concen: 23.33 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.4	33.6

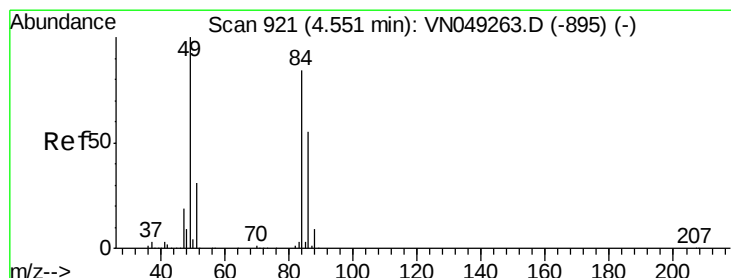
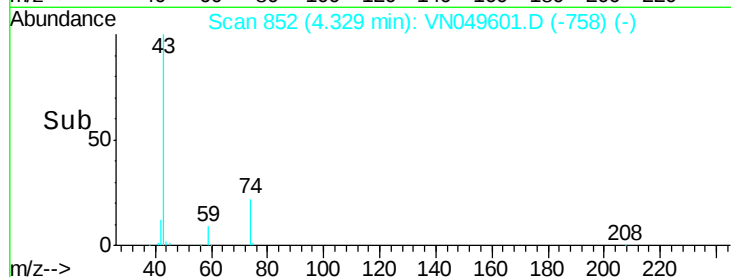
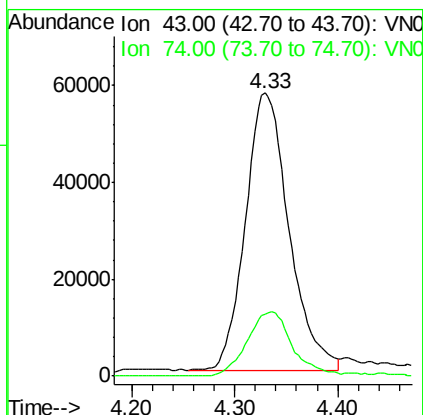
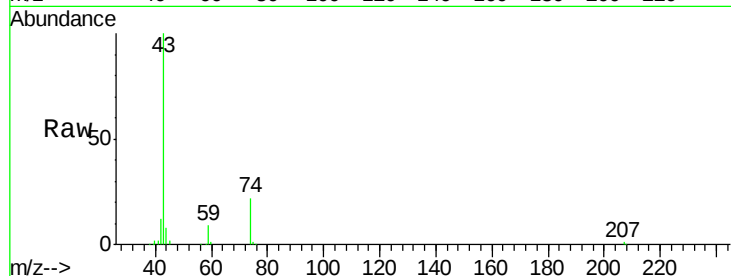




#18
Methvl Acetate
Concen: 15.62 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

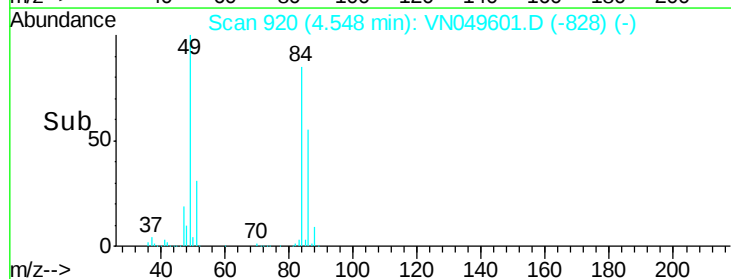
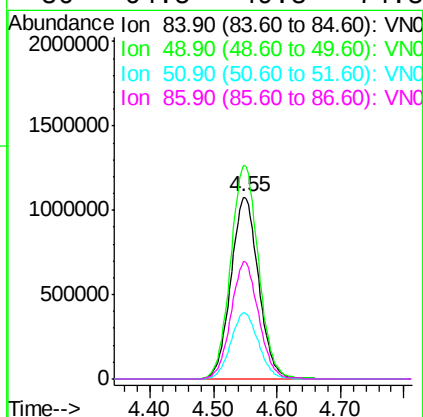
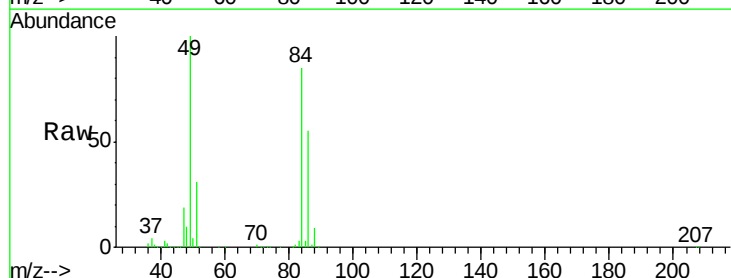
Instrument :
MSVOA_N
ClientSampleId :

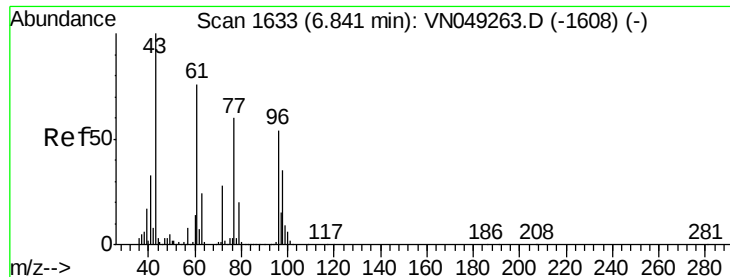
Tot Ion: 43 Resp: 168238
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 221.38 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 84 Resp: 3266223
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 36.5 32.7 49.1
86 64.5 49.8 74.8

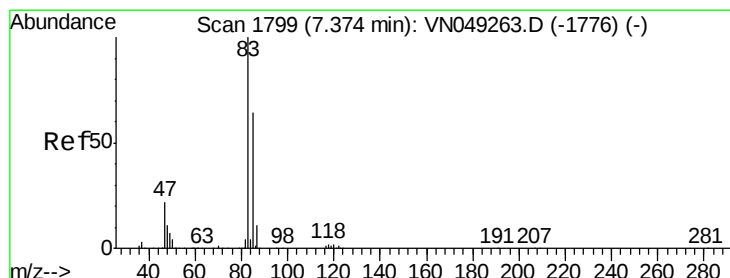
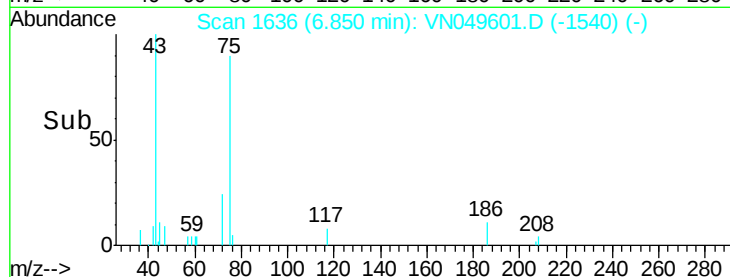
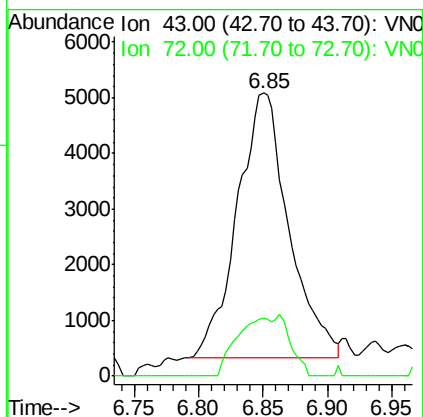
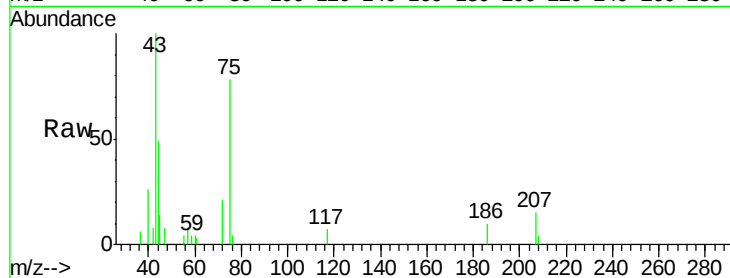




#25
2-Butanone
Concen: 2.81 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

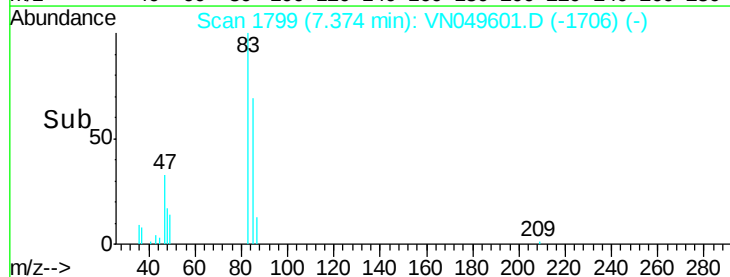
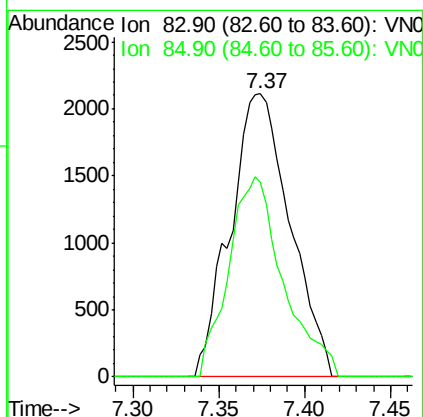
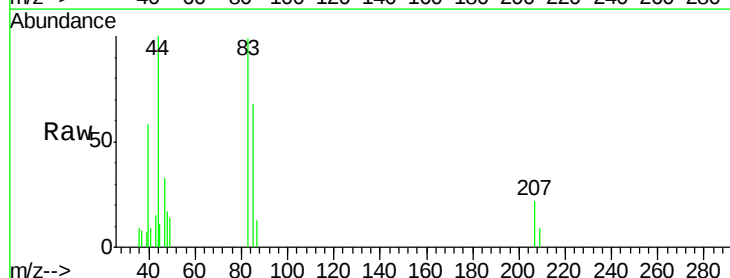
Instrument :
MSVOA_N
ClientSampleId :

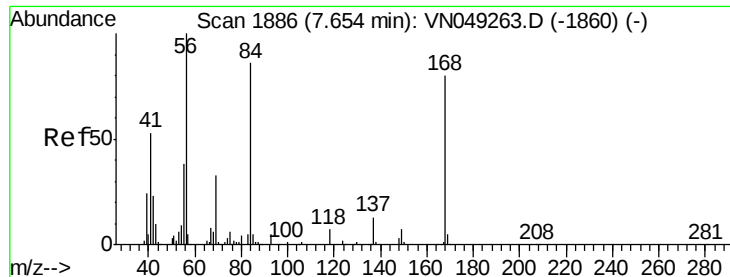
Tot Ion: 43 Resp: 13332
Ion Ratio Lower Upper
43 100
72 21.9 20.2 30.2



#30
Chloroform
Concen: 0.20 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 83 Resp: 5109
Ion Ratio Lower Upper
83 100
85 69.1 51.7 77.5

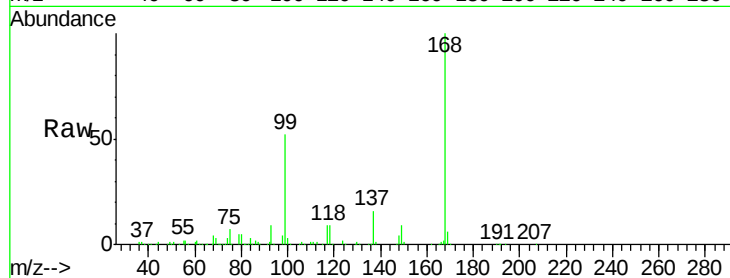




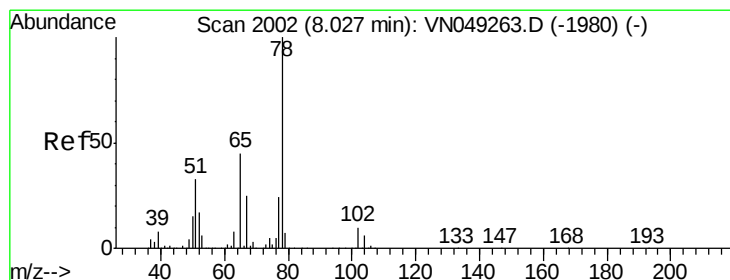
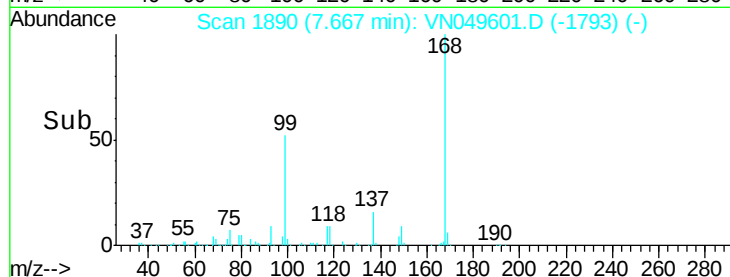
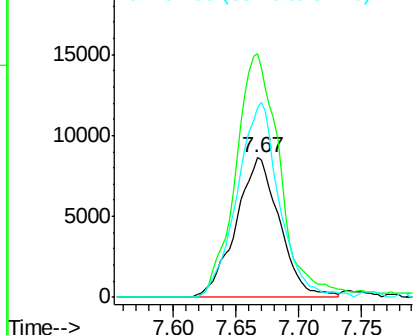
#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 20914
Ion Ratio Lower Upper
56 100
69 174.2 25.0 37.4#
84 142.2 64.6 96.8#

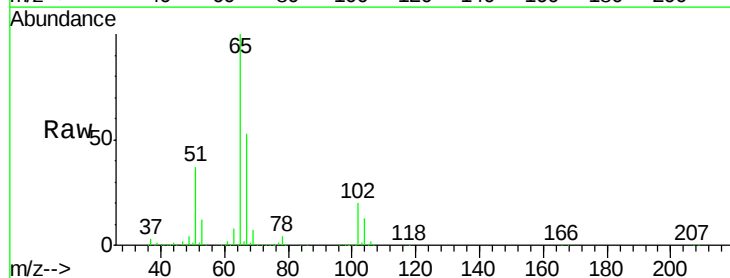


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

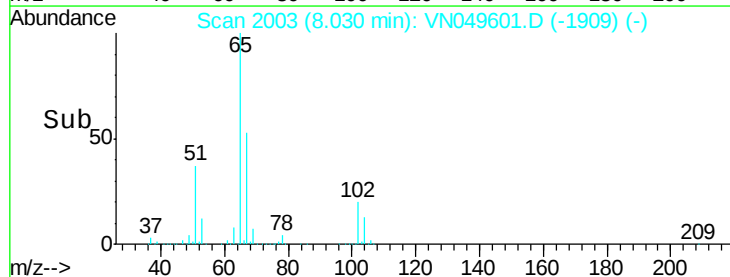
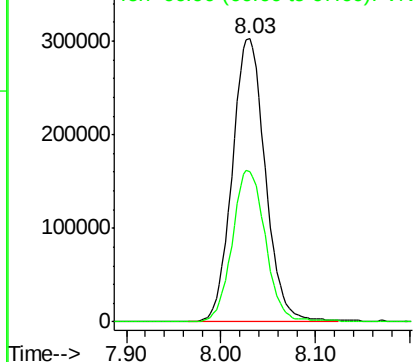


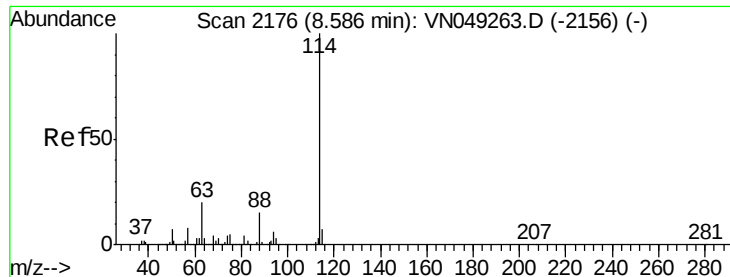
#33
1,2-Dichloroethane-d4
Concen: 50.54 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 65 Resp: 735350
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

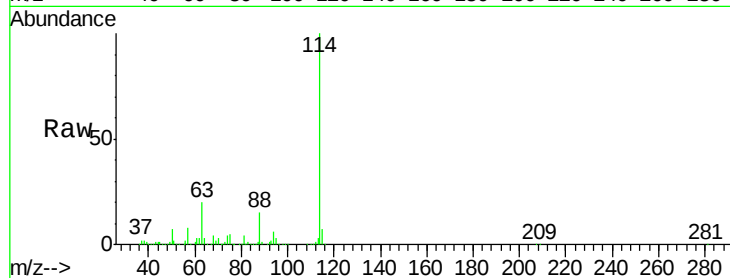
Tot Ion:114 Resp: 1745961

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

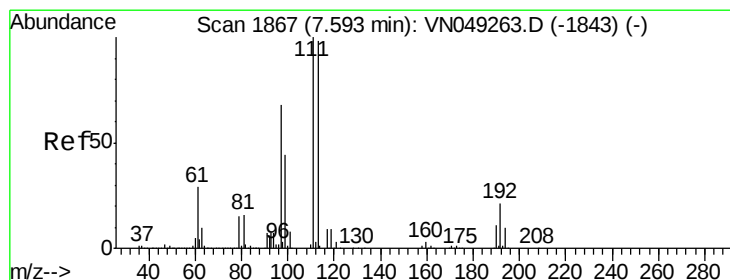
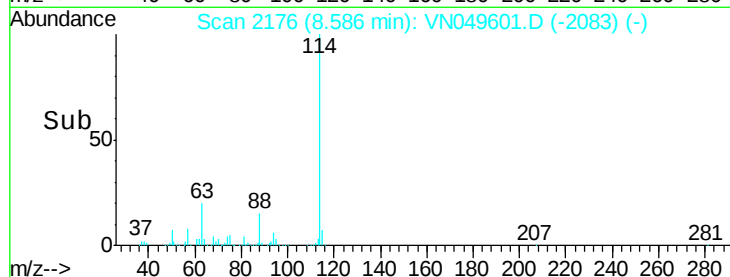
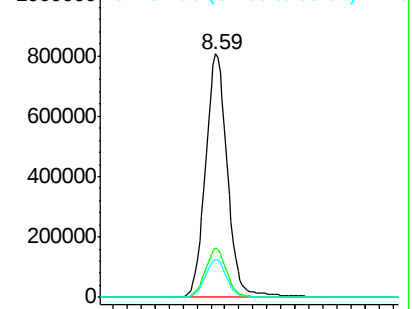
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.79 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

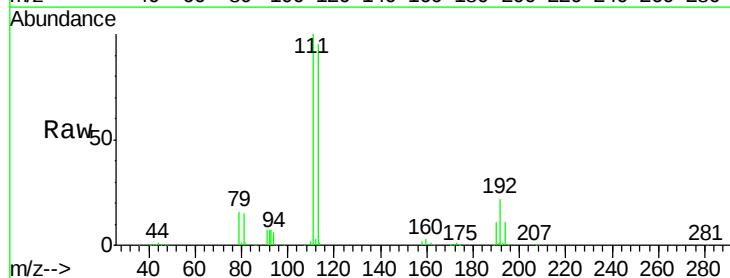
Tgt Ion:113 Resp: 646777

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

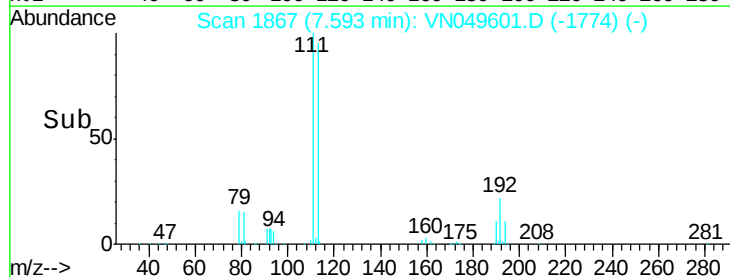
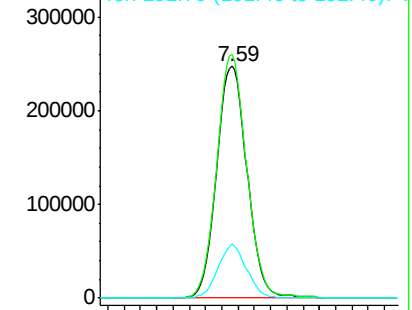
192 21.8 15.0 22.6

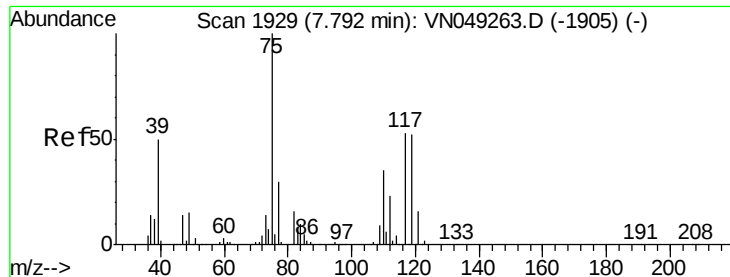


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

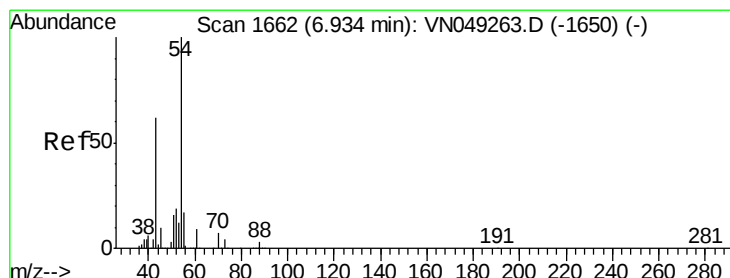
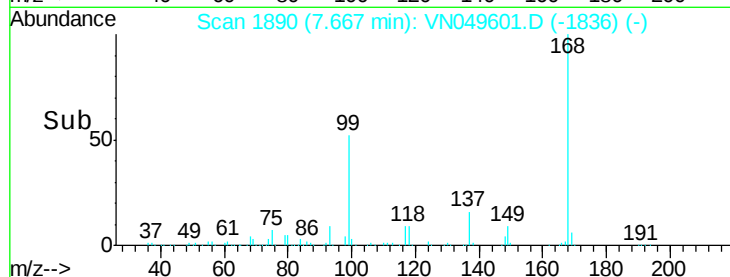
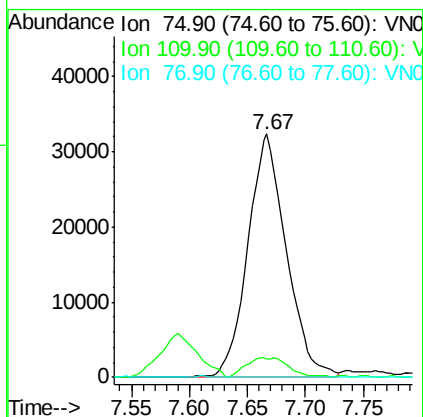
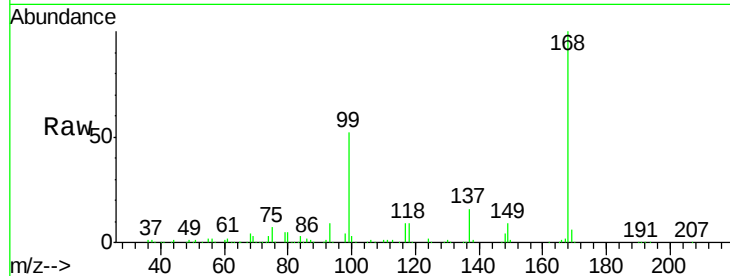




#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

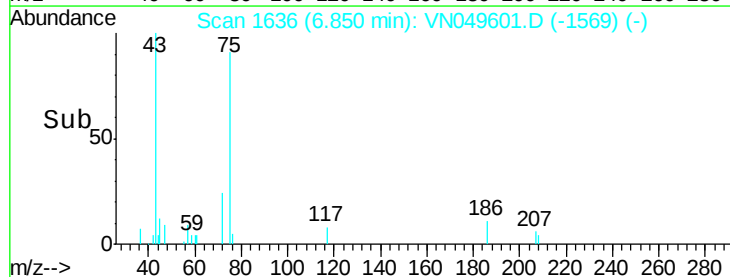
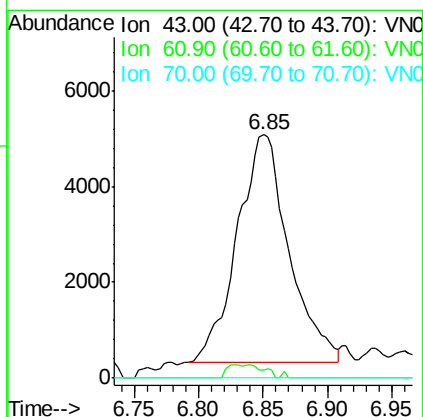
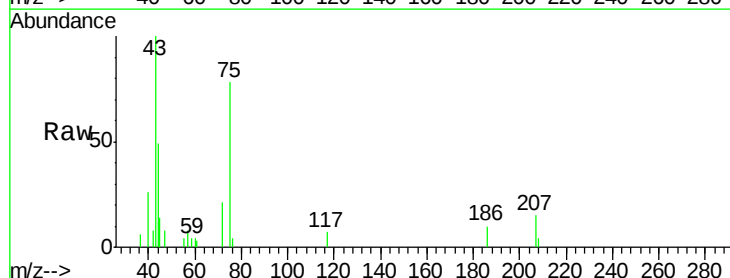
Instrument :
 MSVOA_N
 ClientSampleId :

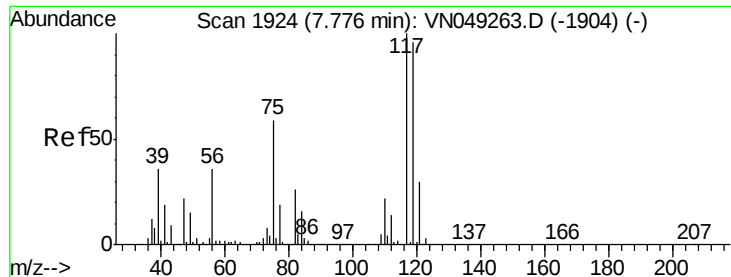
Tot Ion: 75 Resp: 74772
 Ion Ratio Lower Upper
 75 100
 110 4.6 17.0 50.9#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.23 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

Tgt Ion: 43 Resp: 13332
 Ion Ratio Lower Upper
 43 100
 61 0.2 11.0 16.4#
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 4.76 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

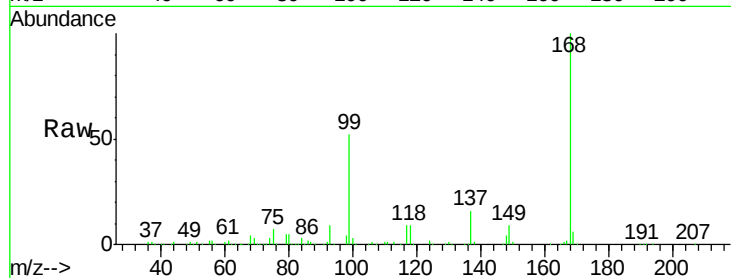
Tot Ion:117 Resp: 98678

Ion Ratio Lower Upper

117 100

119 4.1 75.6 113.4#

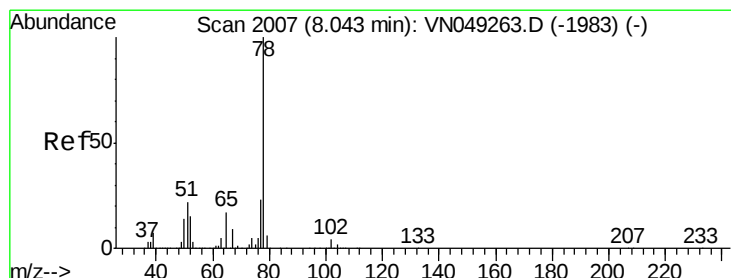
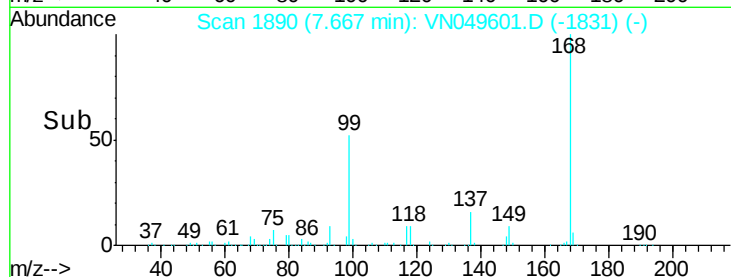
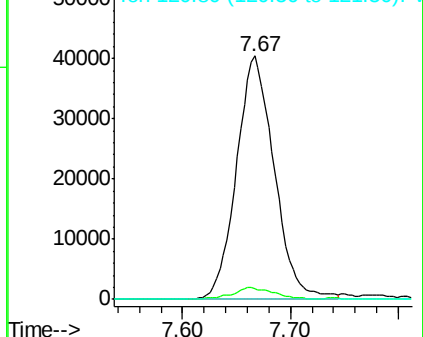
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.67 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049601.D

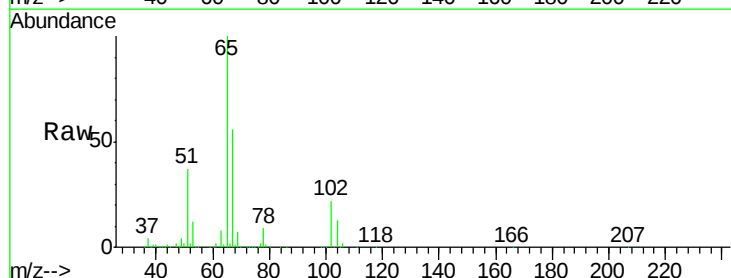
Acq: 28 Jun 2018 20:09

Tgt Ion: 78 Resp: 41317

Ion Ratio Lower Upper

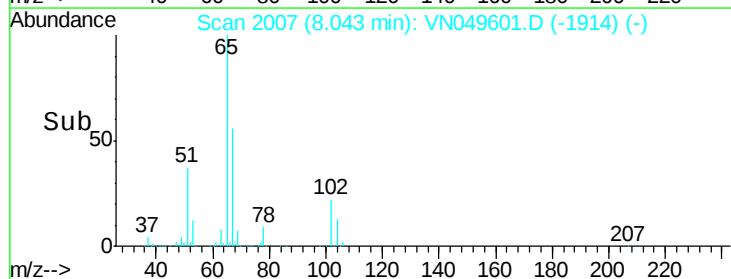
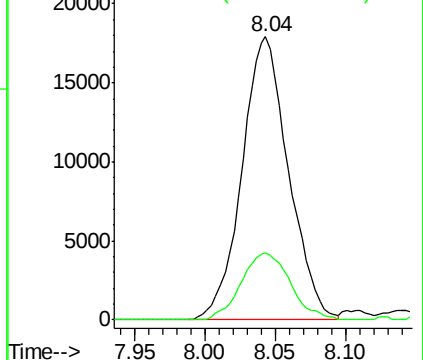
78 100

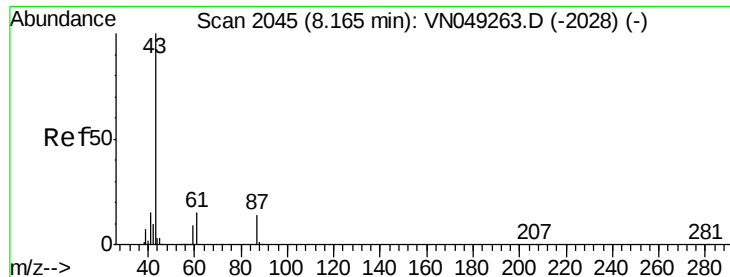
77 23.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 26.08 ug/l

RT: 8.31 min Scan# 2090

Delta R.T. 0.14 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

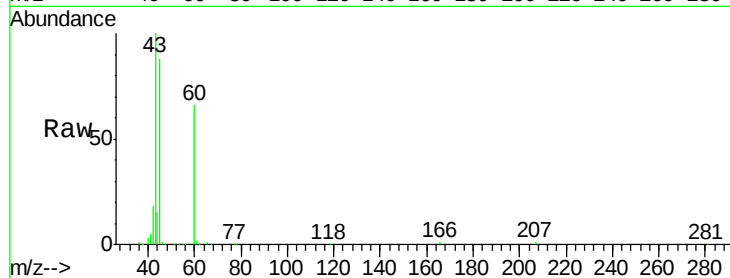
Tot Ion: 43 Resp: 542115

Ion Ratio Lower Upper

43 100

61 0.2 14.2 21.4#

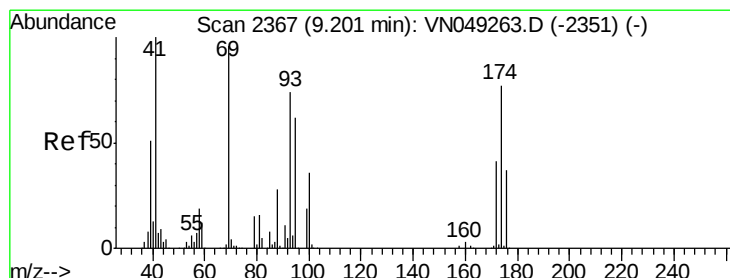
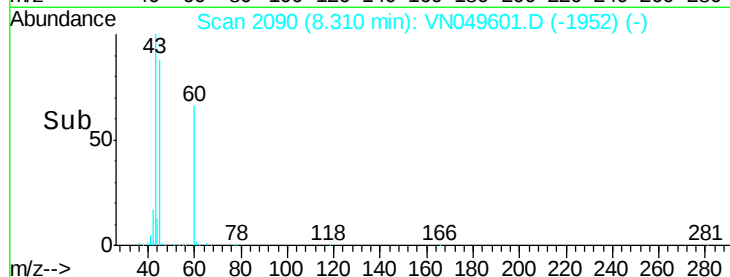
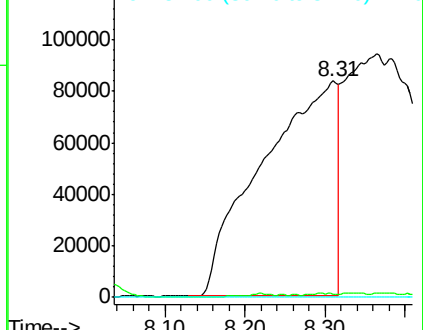
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



#49

1,4-Dioxane

Concen: 0.27 ug/l

RT: 9.07 min Scan# 2326

Delta R.T. -0.13 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

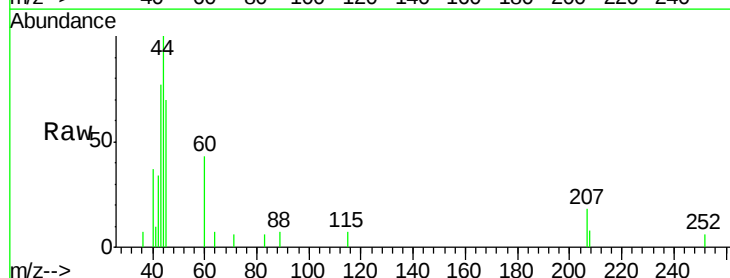
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

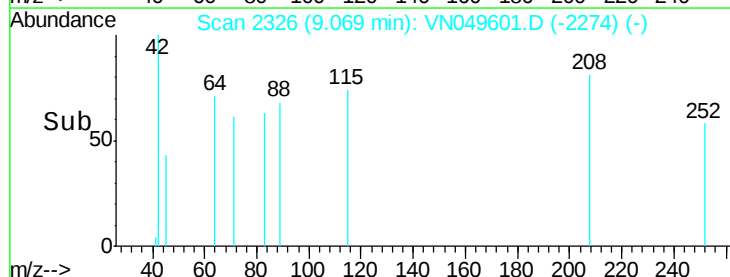
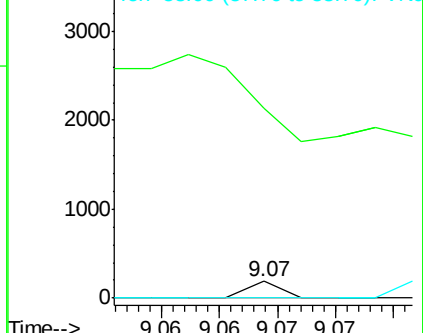
58 0.0 58.9 88.3#

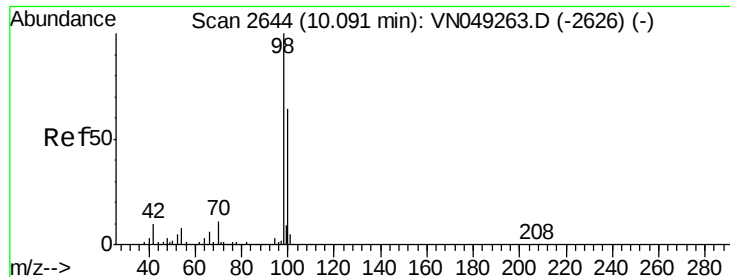


Abundance Ion 88.00 (87.70 to 88.70): VN049263.D (-2351) (-)

Ion 43.00 (42.70 to 43.70): VN049263.D (-2351) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2351) (-)





#50

Toluene-d8

Concen: 43.63 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

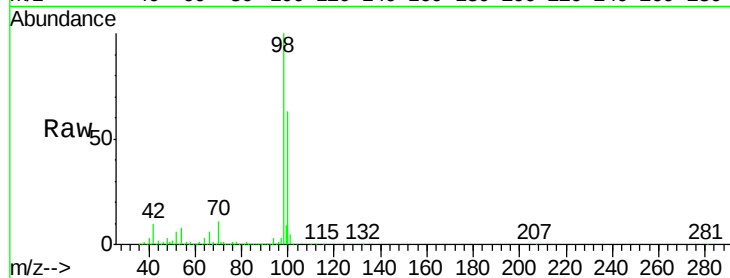
ClientSampled :

Tot Ion: 98 Resp: 2346789

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049601.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049601.D (-2551) (-)

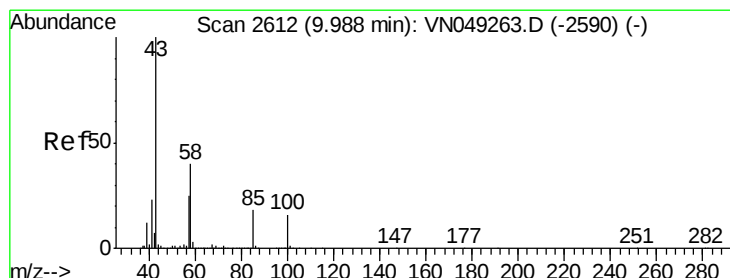
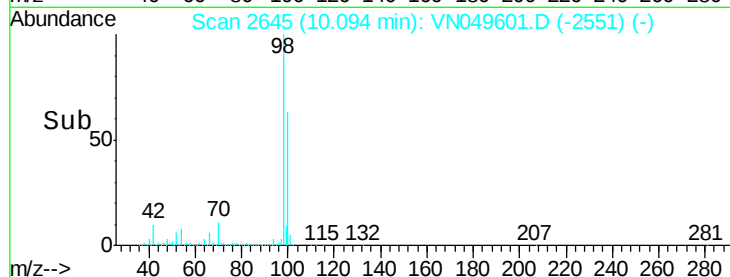
10.09

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049601.D

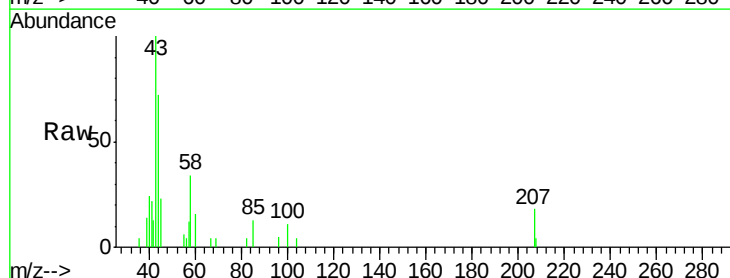
Acq: 28 Jun 2018 20:09

Tgt Ion: 43 Resp: 5853

Ion Ratio Lower Upper

43 100

58 42.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049601.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049601.D (-2519) (-)

9.99

5000

4000

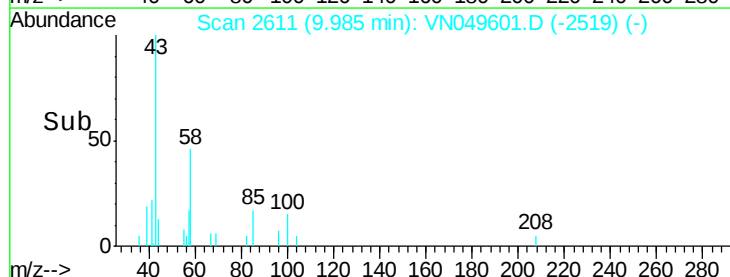
3000

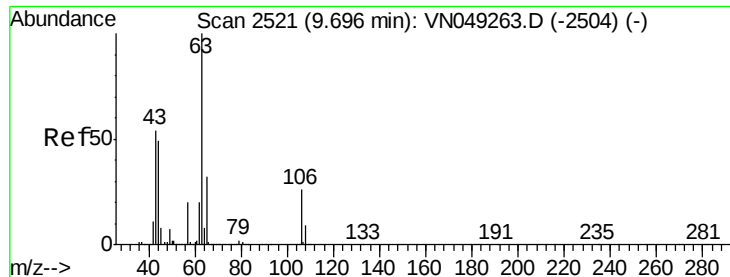
2000

1000

0

Time-->

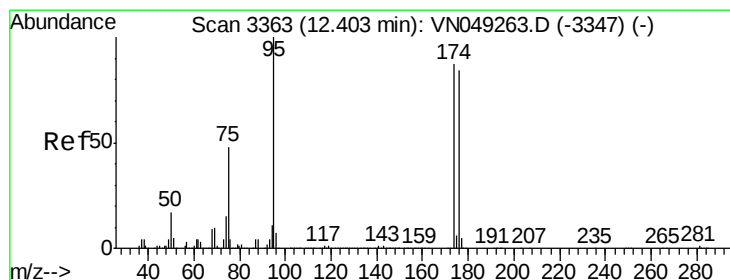
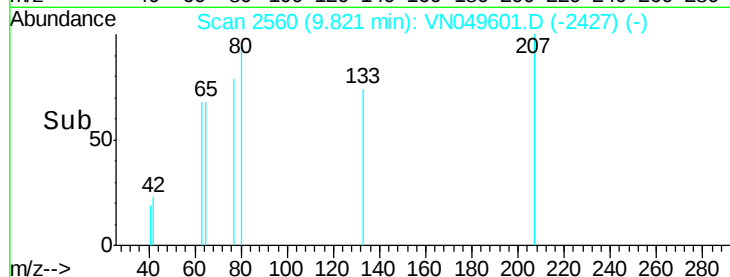
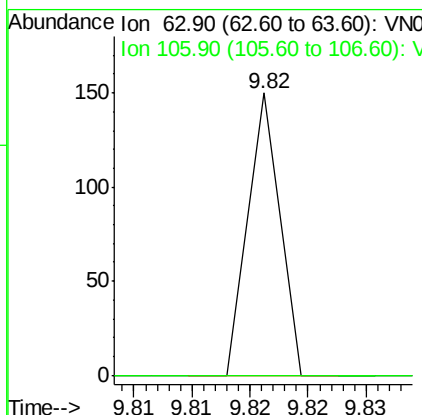
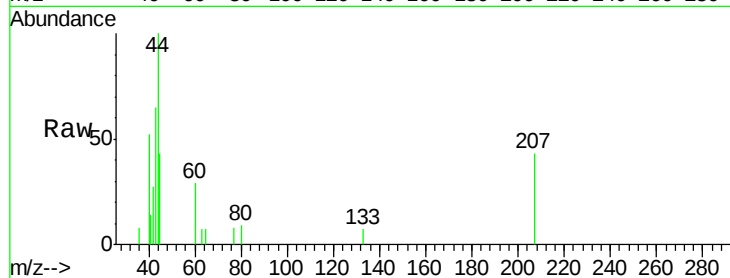




#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.82 min Scan# 2560
Delta R.T. 0.13 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

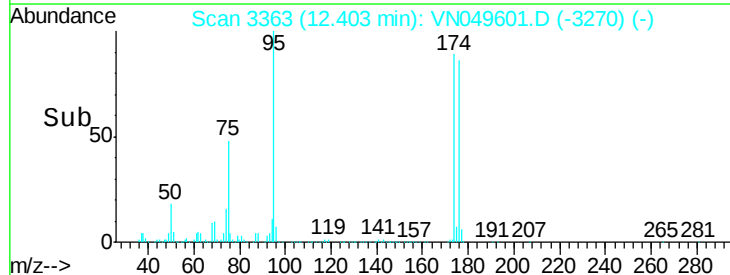
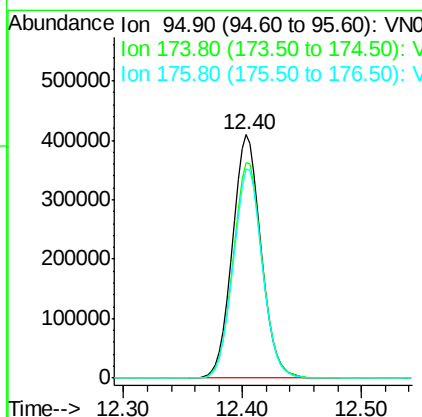
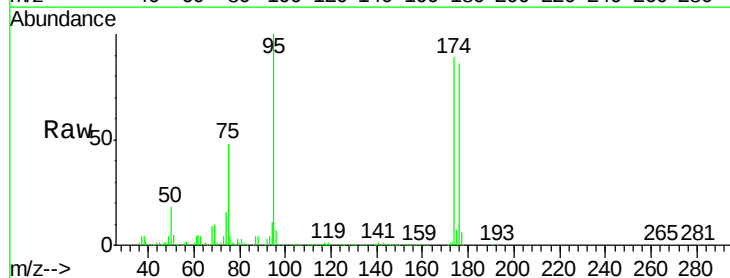
Instrument :
MSVOA_N
ClientSampleId :

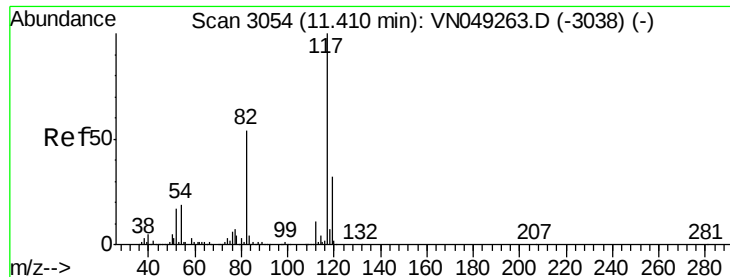
Tot Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#



#62
4-Bromofluorobenzene
Concen: 38.37 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 95 Resp: 682418
Ion Ratio Lower Upper
95 100
174 90.4 0.0 165.6
176 87.3 0.0 157.4

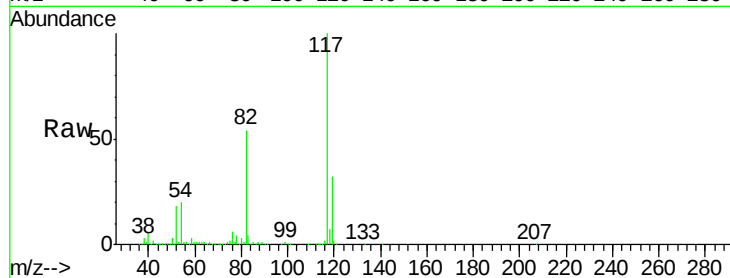




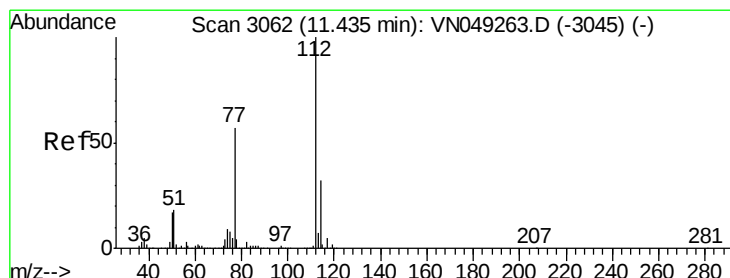
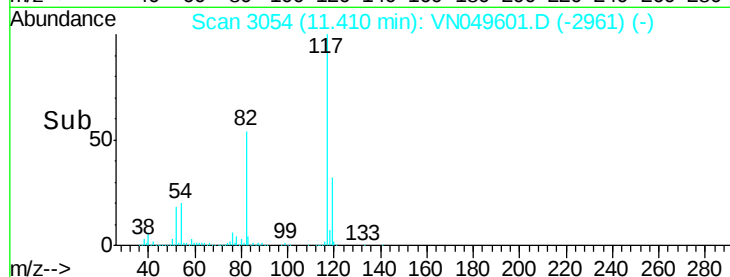
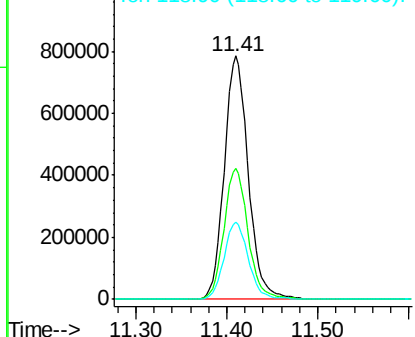
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1440386
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.8 25.5 38.3

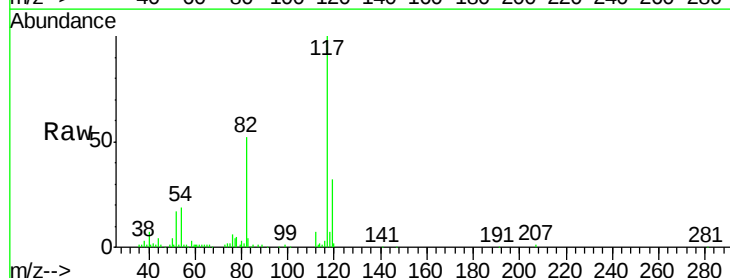


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

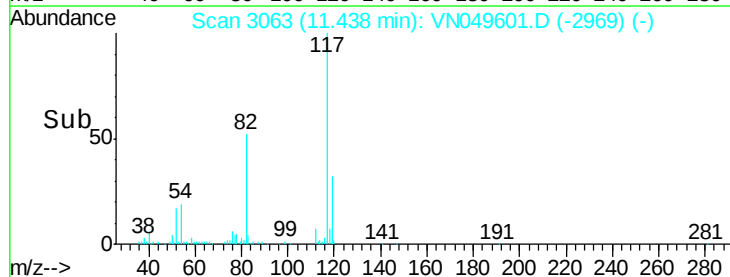
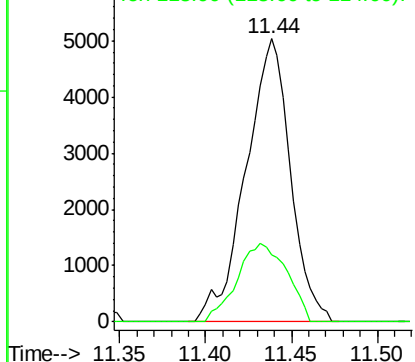


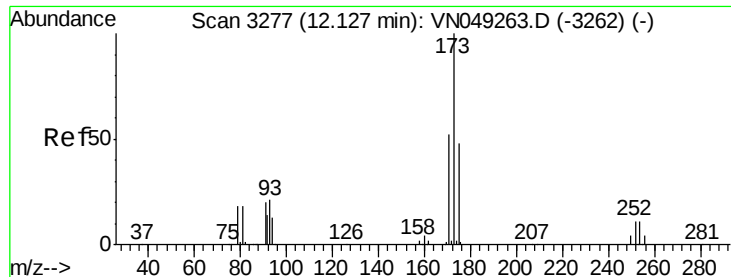
#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 11.44 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion:112 Resp: 9039
Ion Ratio Lower Upper
112 100
114 23.6 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

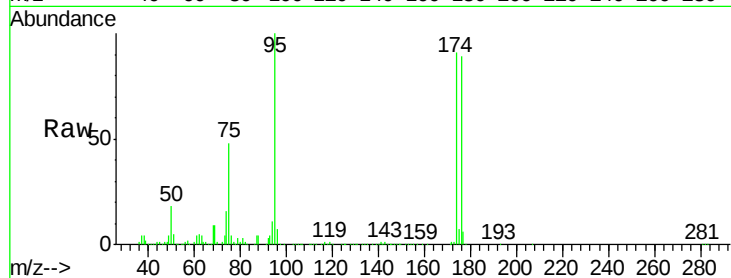




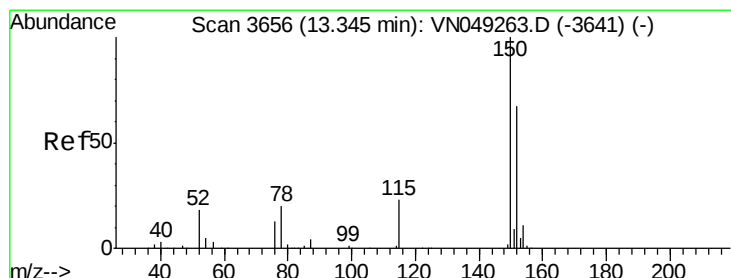
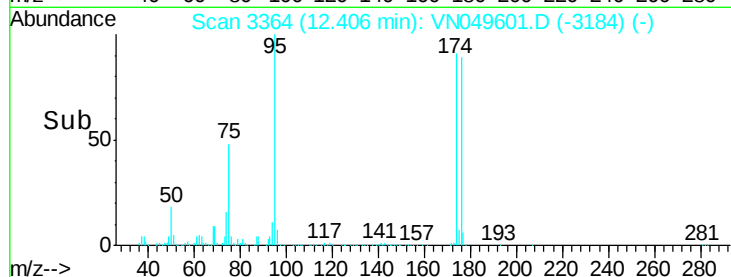
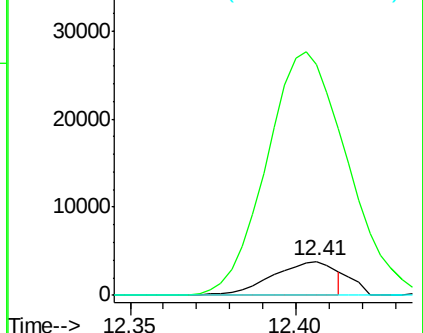
#71
Bromoform
Concen: 0.56 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 5052
Ion Ratio Lower Upper
173 100
175 761.9 24.5 73.5#
254 0.0 0.1 0.1#

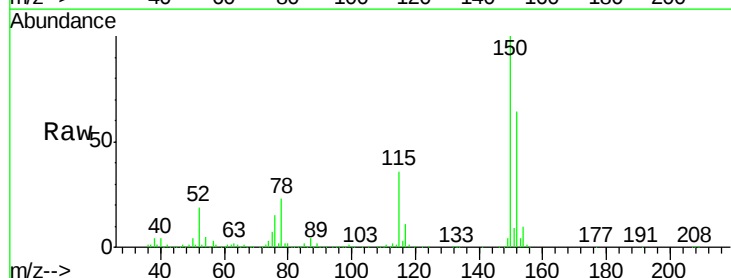


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

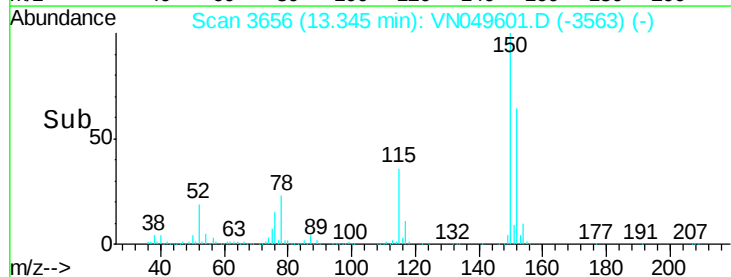
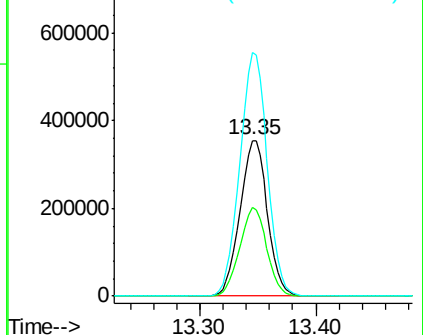


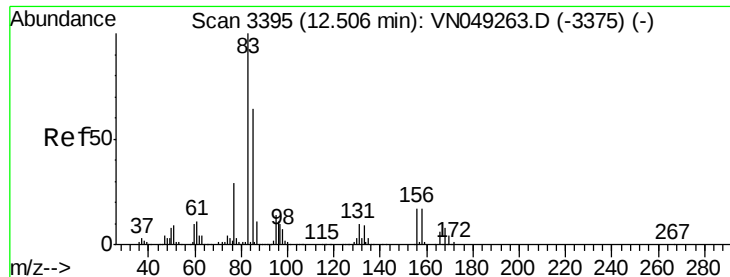
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion:152 Resp: 582560
Ion Ratio Lower Upper
152 100
115 56.1 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: 12.54 min Scan# 3405

Delta R.T. 0.03 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

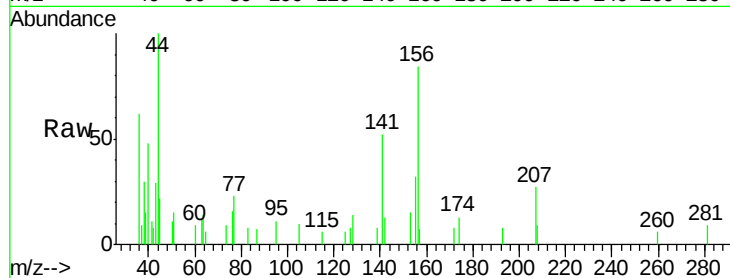
Tot Ion: 83 Resp: 37

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): VN049263.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049263.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-3375) (-)

12.54

200

150

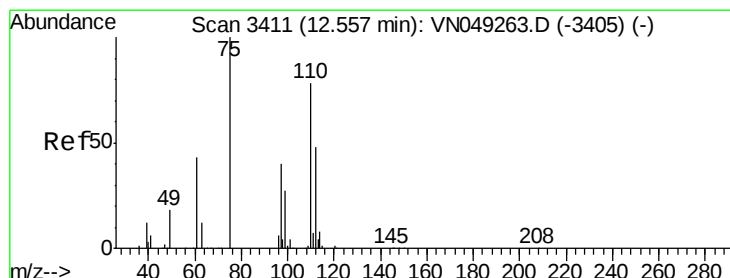
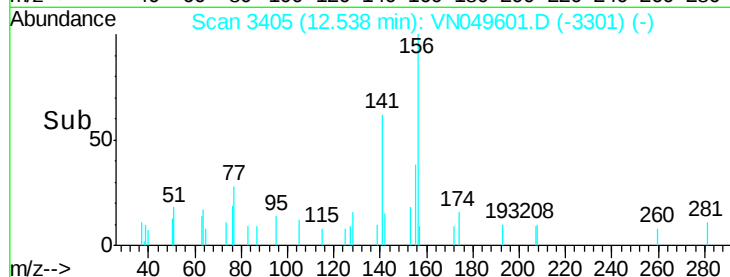
100

50

0

12.53 12.54

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049601.D

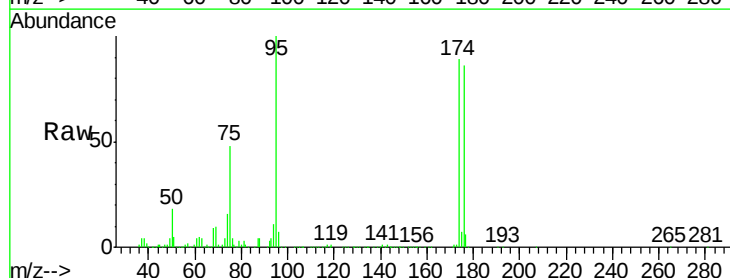
Acq: 28 Jun 2018 20:09

Tgt Ion: 75 Resp: 331551

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049263.D (-3405) (-)

12.40

200000

150000

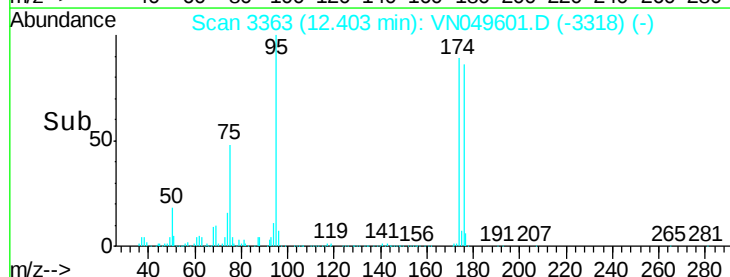
100000

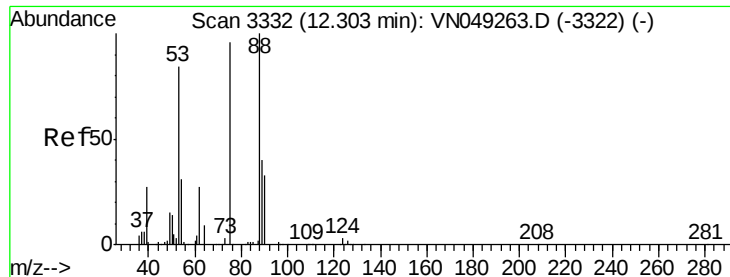
50000

0

12.35 12.40 12.45

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 105.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

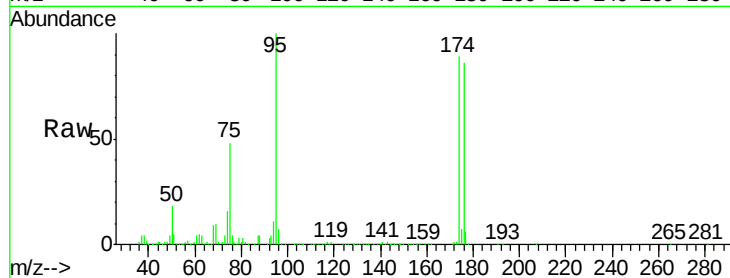
Tot Ion: 75 Resp: 331551

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

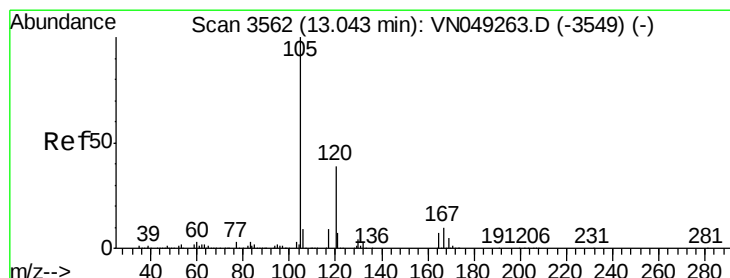
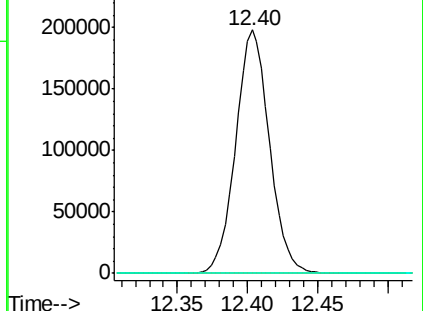
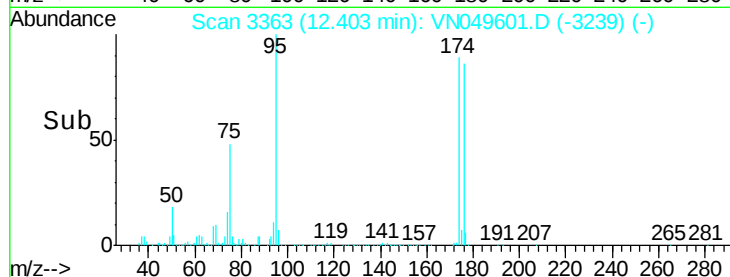
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049601.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049601.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049601.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.49 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049601.D

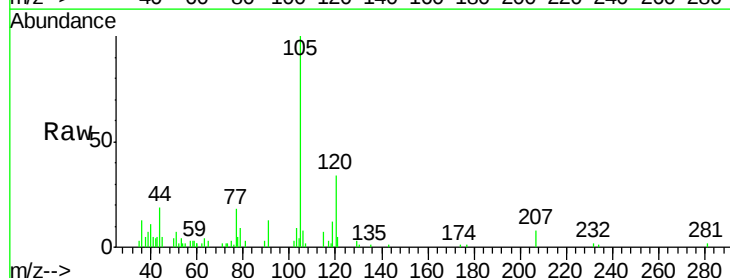
Acq: 28 Jun 2018 20:09

Tgt Ion:105 Resp: 19513

Ion Ratio Lower Upper

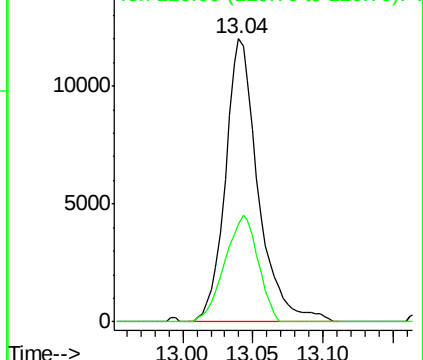
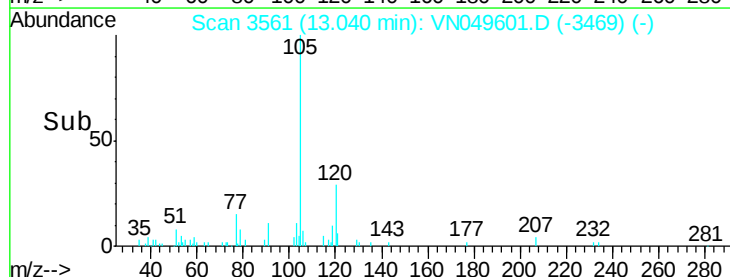
105 100

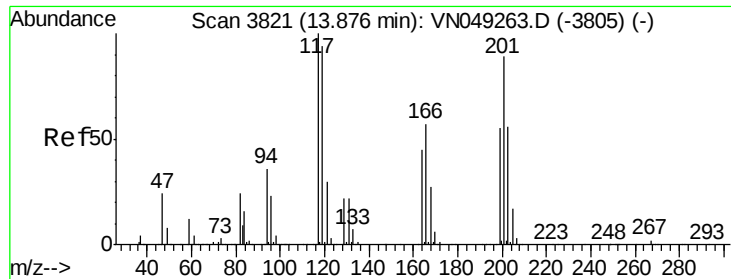
120 38.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049601.D (-3561) (-)

Ion 120.00 (119.70 to 120.70): VN049601.D (-3561) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

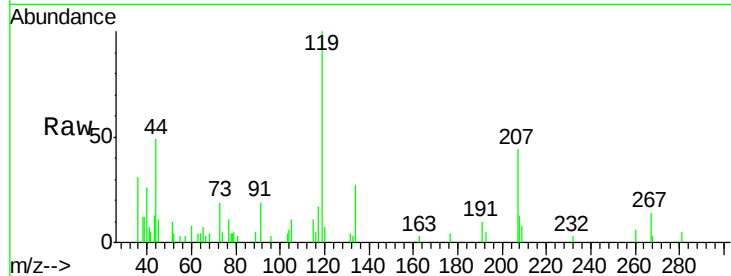
ClientSampled :

Tot Ion:117 Resp: 1184

Ion Ratio Lower Upper

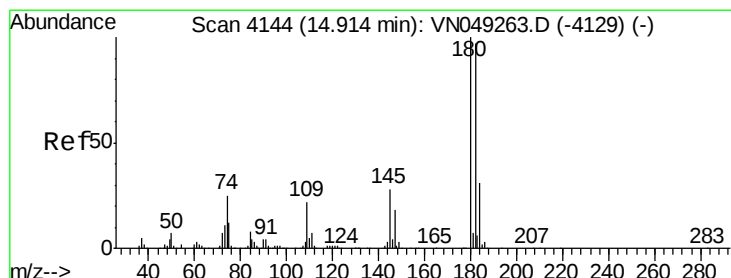
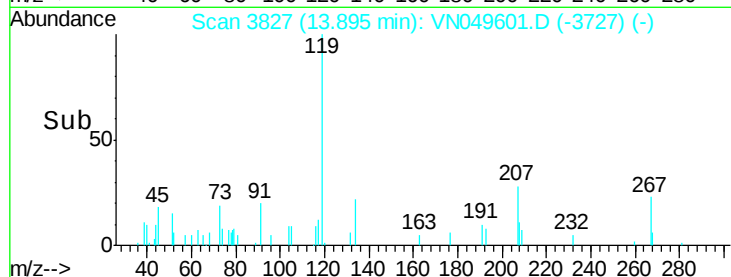
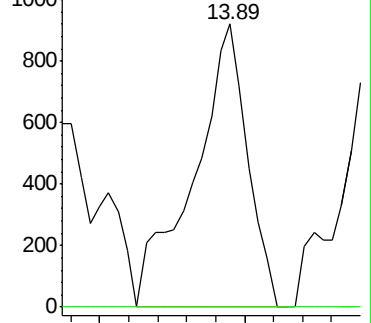
117 100

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: 4.83 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.01 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

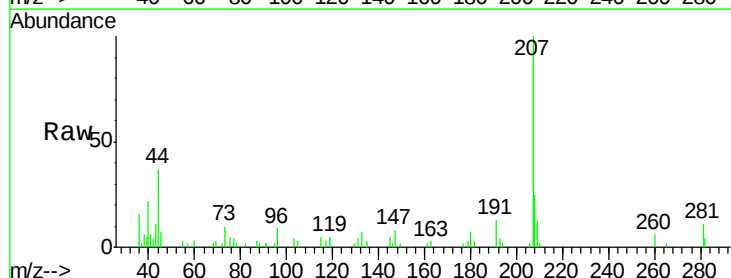
Tgt Ion:180 Resp: 1017

Ion Ratio Lower Upper

180 100

182 44.0 46.9 140.8#

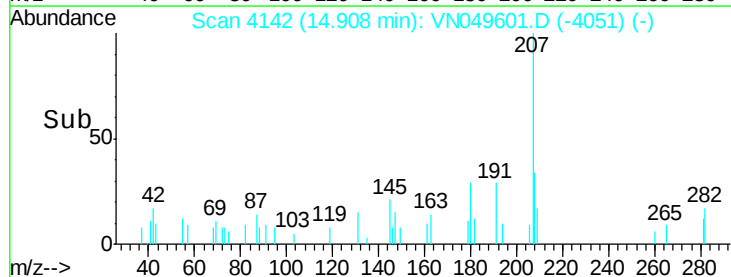
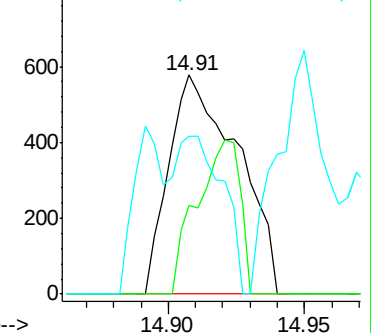
145 45.8 14.7 44.1#

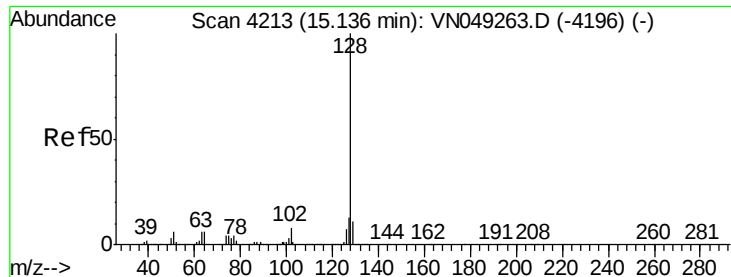


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

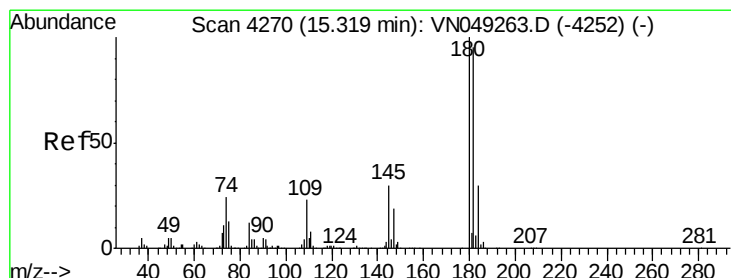
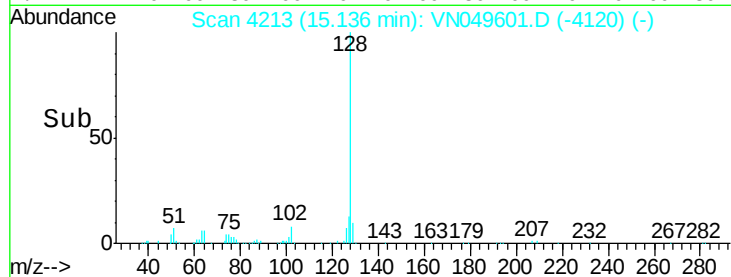
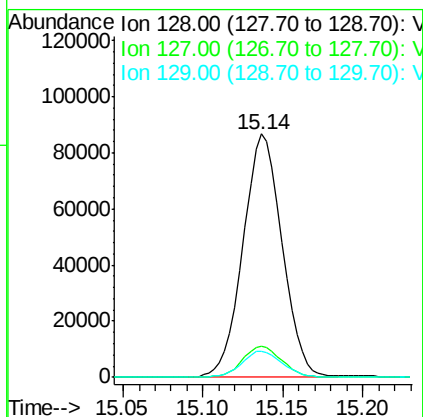
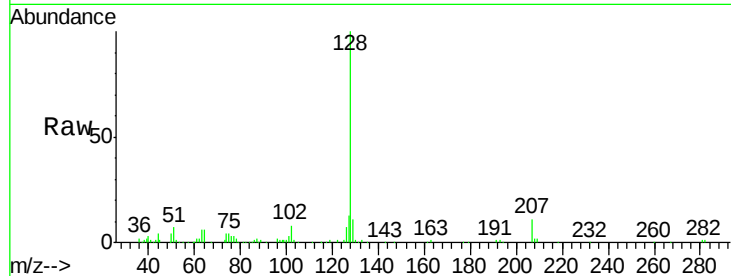




#95
Naphthalene
Concen: 10.86 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 145299
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.46 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion:180 Resp: 65
Ion Ratio Lower Upper
180 100
182 370.8 47.3 141.8#
145 713.8 15.6 46.7#

