

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049606.D
 Acq On : 28 Jun 2018 22:17
 Operator : MD\SY
 Sample : J3242-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:43:36 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	1202645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1910760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1578065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	622005	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	790128	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	700152	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	2573939	43.73	ug/l	0.00
Spiked Amount			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.40	95	749792	38.52	ug/l	0.00
Spiked Amount			Recovery	=	77.04%	

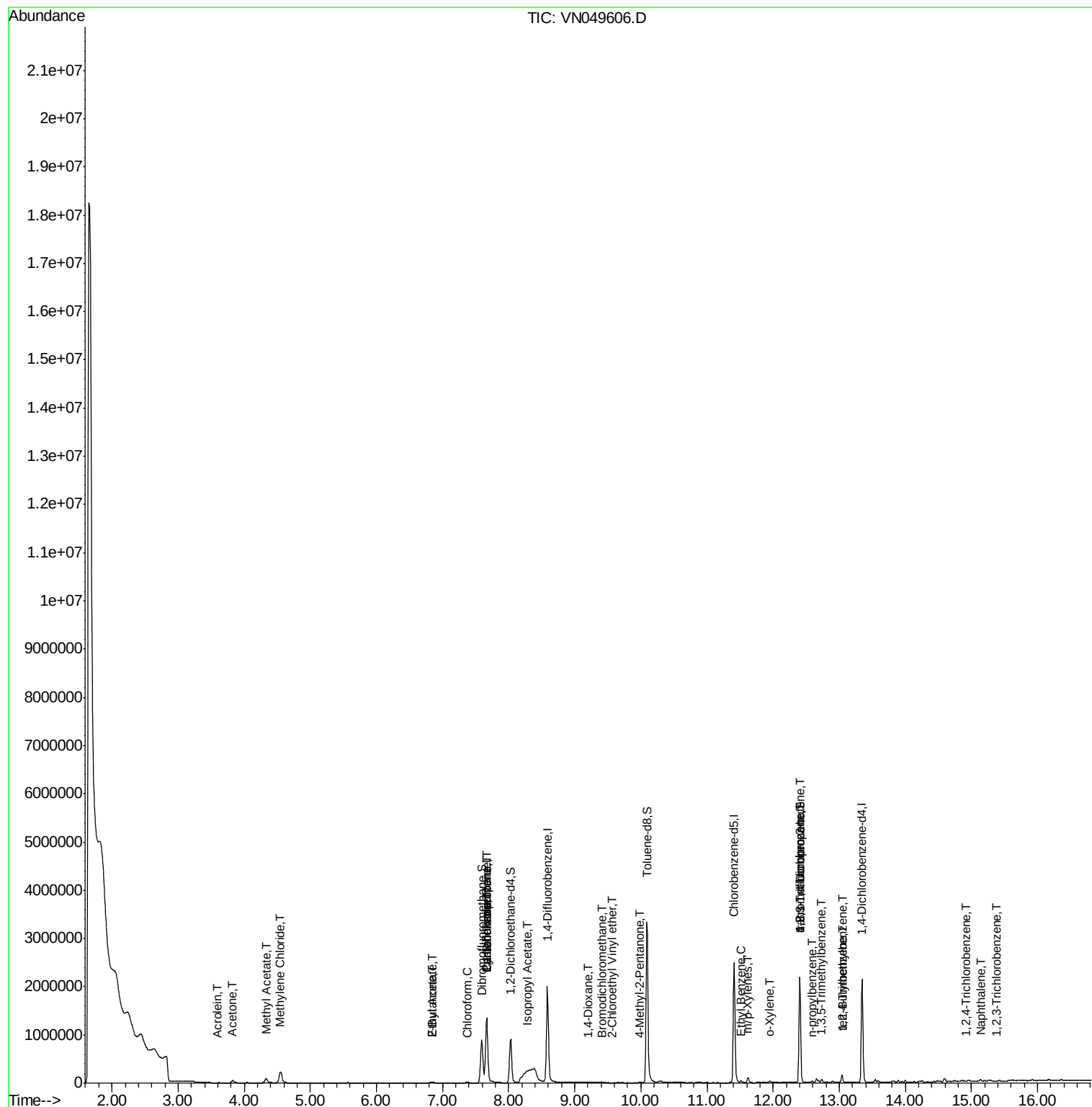
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	847	0.86	ug/l	# 1
16) Acetone	3.82	43	82592	21.33	ug/l	96
18) Methyl Acetate	4.33	43	167049	14.15	ug/l	97
20) Methylene Chloride	4.55	84	179429	11.09	ug/l	88
25) 2-Butanone	6.85	43	12261	2.36	ug/l	96
30) Chloroform	7.37	83	15544	0.56	ug/l	97
31) Cyclohexane	7.67	56	20720	0.70	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	83042	3.79	ug/l	# 50
37) Ethyl Acetate	6.85	43	12261	1.03	ug/l	# 76
38) Carbon Tetrachloride	7.67	117	109319	4.82	ug/l	# 18
43) Isopropyl Acetate	8.28	43	422572	18.58	ug/l	# 64
47) Bromodichloromethane	9.40	83	6492	0.29	ug/l	# 95
49) 1,4-Dioxane	9.21	88	67	0.45	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	5766	0.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.56	63	34	14.33	ug/l	# 51
67) Ethyl Benzene	11.51	91	30525	0.45	ug/l	93
68) m/p-Xylenes	11.62	106	33088	1.31	ug/l	99
69) o-Xylene	11.95	106	10589	0.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.52	83	58	Below Cal	#	13
76) 1,2,3-Trichloropropane	12.40	75	370119	34.87	ug/l	# 100
78) n-propylbenzene	12.59	91	21493	0.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	28514	0.66	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	370119	110.22	ug/l	# 9
83) tert-Butylbenzene	13.04	119	11892	0.31	ug/l	# 76
84) 1,2,4-Trimethylbenzene	13.04	105	87113	2.04	ug/l	98
90) Hexachloroethane	13.90	117	3063	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	282	4.77	ug/l	# 1
95) Naphthalene	15.14	128	28140	3.71	ug/l	95
96) 1,2,3-Trichlorobenzene	15.38	180	30	3.46	ug/l	# 1

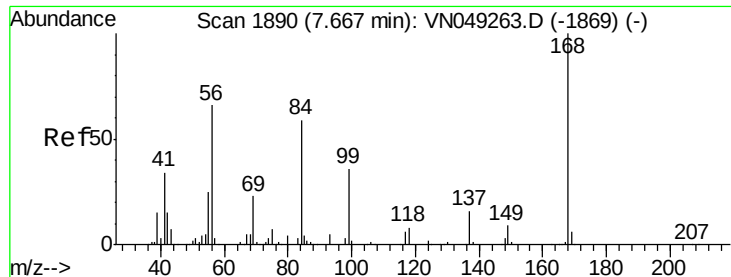
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

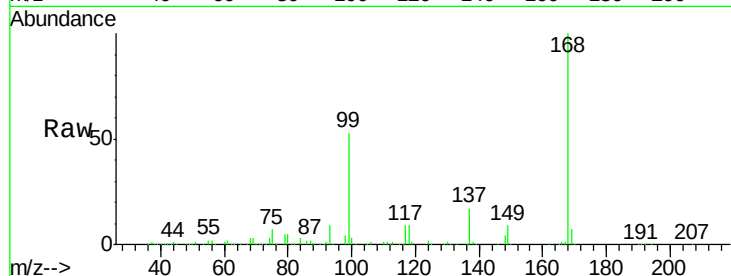
ClientSampleId :

Tot Ion:168 Resp: 1202645

Ion Ratio Lower Upper

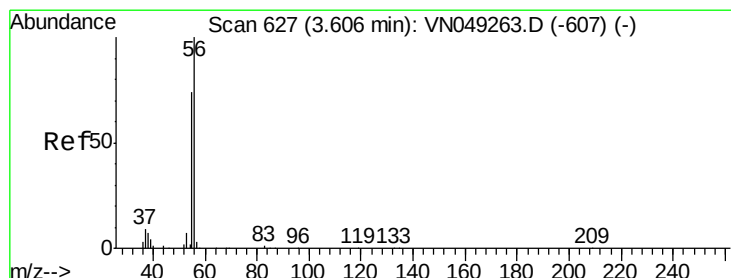
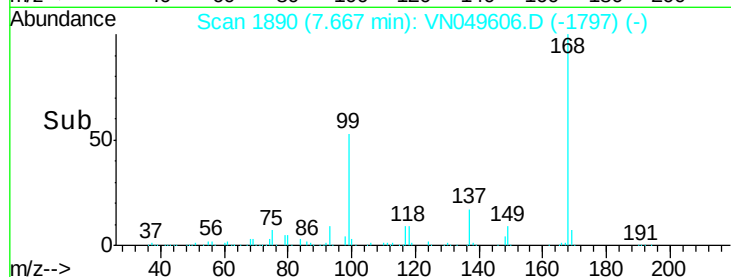
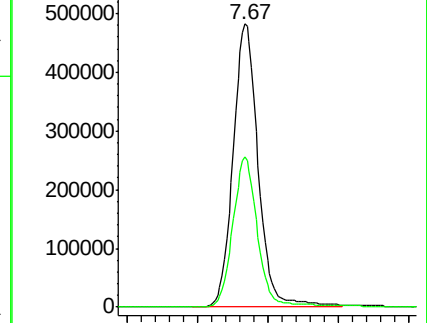
168 100

99 53.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 0.86 ug/l

RT: 3.59 min Scan# 622

Delta R.T. -0.02 min

Lab File: VN049606.D

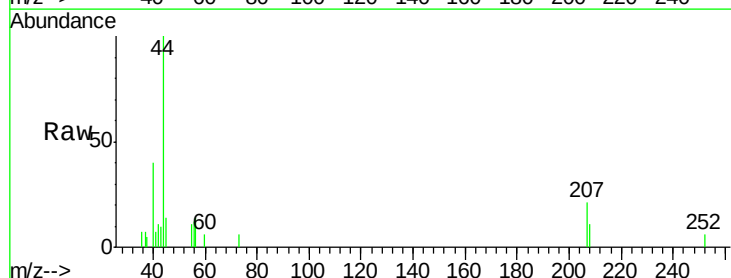
Acq: 28 Jun 2018 22:17

Tgt Ion: 56 Resp: 847

Ion Ratio Lower Upper

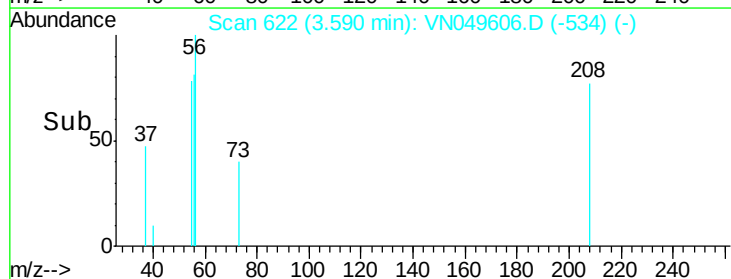
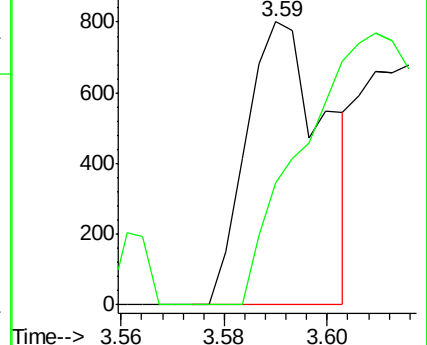
56 100

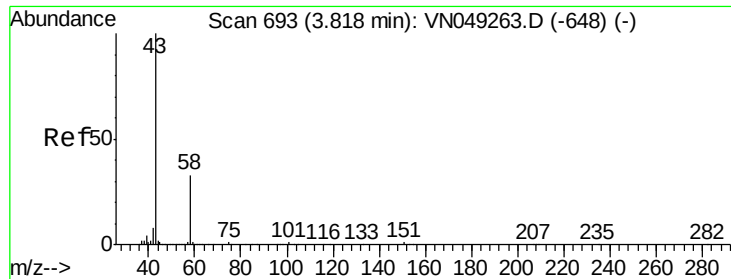
55 214.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 21.33 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

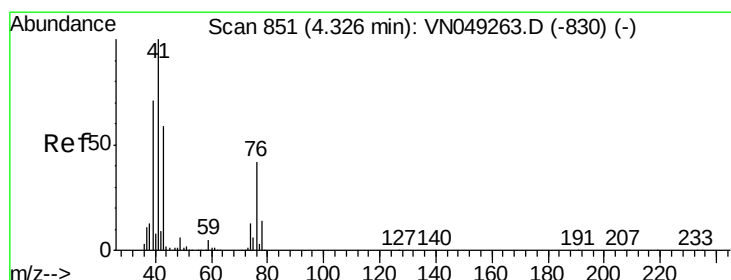
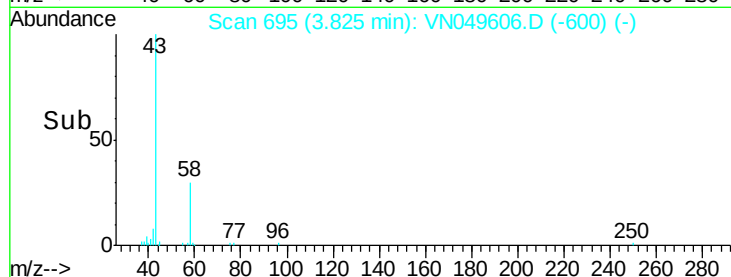
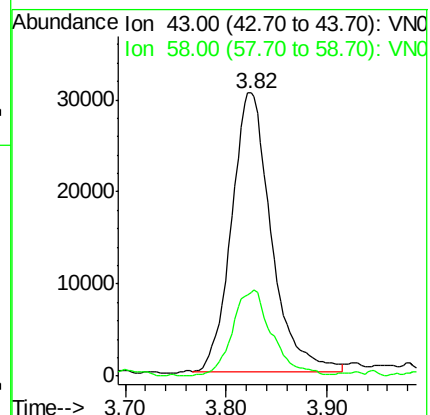
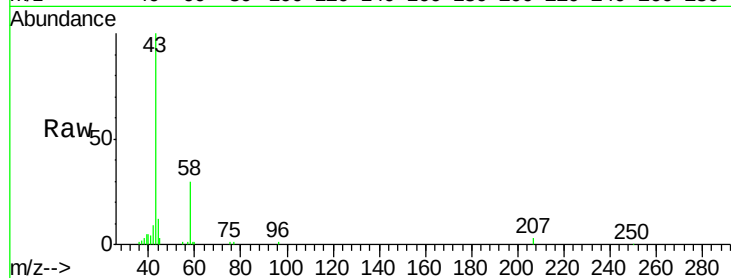
ClientSampled :

Tot Ion: 43 Resp: 82592

Ion Ratio Lower Upper

43 100

58 30.3 22.4 33.6



#18

Methyl Acetate

Concen: 14.15 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049606.D

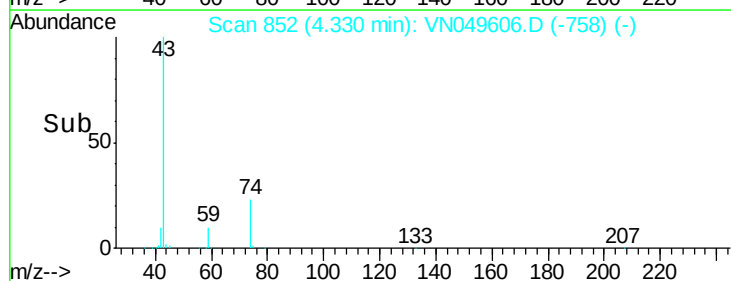
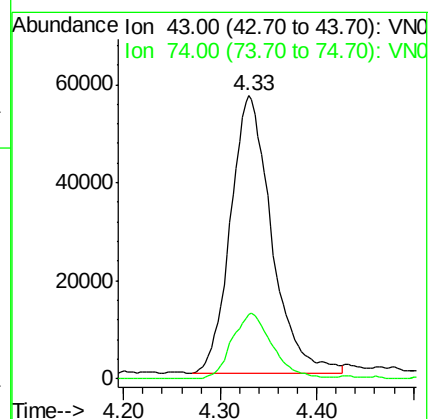
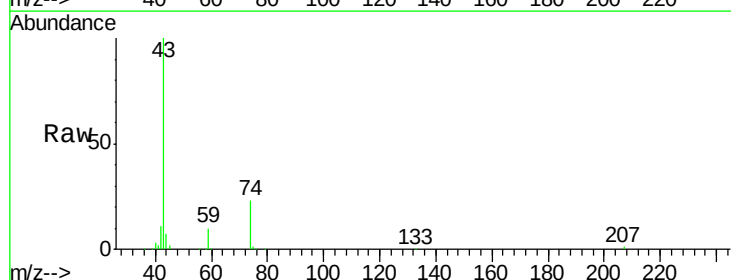
Acq: 28 Jun 2018 22:17

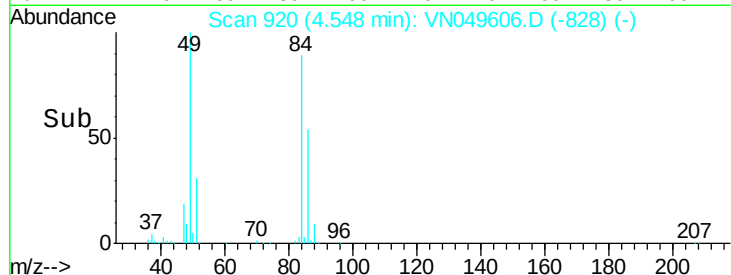
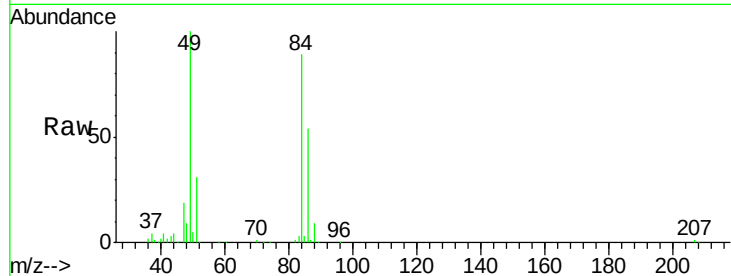
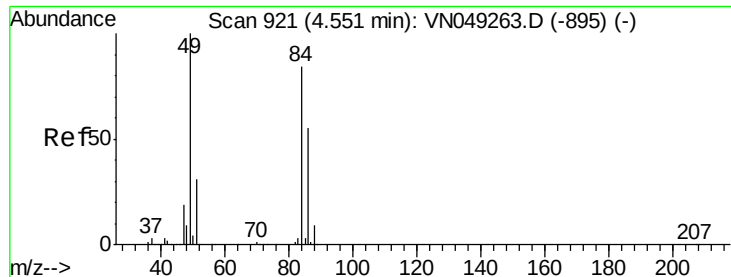
Tgt Ion: 43 Resp: 167049

Ion Ratio Lower Upper

43 100

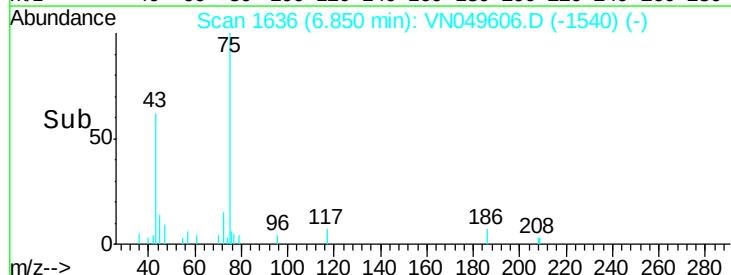
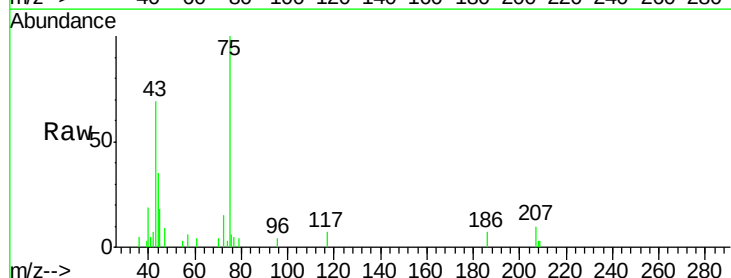
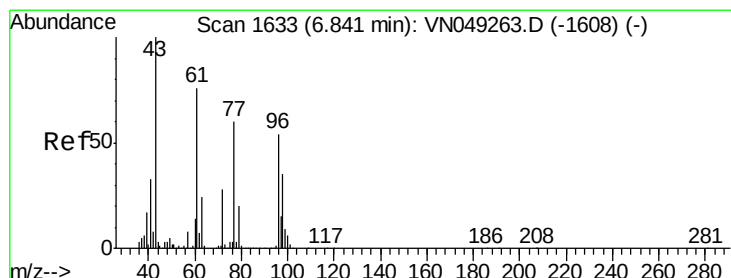
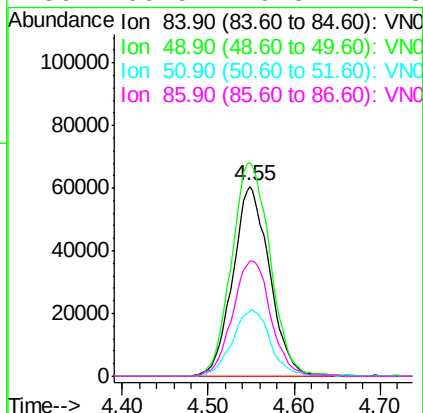
74 23.2 17.4 26.0





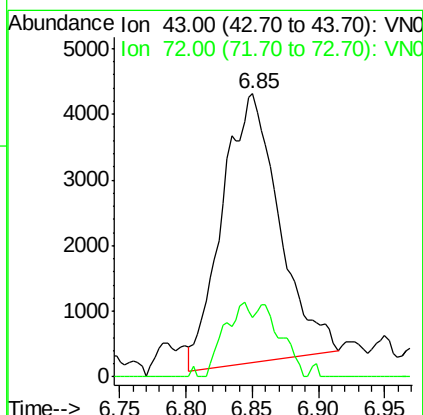
#20
Methylene Chloride
Concen: 11.09 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

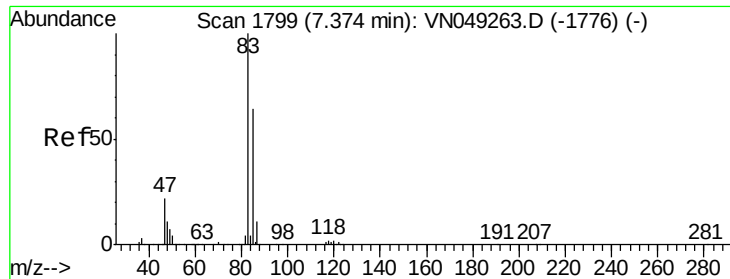
Tot Ion	84	Resp	179429
Ion	Ratio	Lower	Upper
84	100		
49	112.7	106.9	160.3
51	34.5	32.7	49.1
86	60.5	49.8	74.8



#25
2-Butanone
Concen: 2.36 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

Tgt Ion	43	Resp	12261
Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.2	30.2

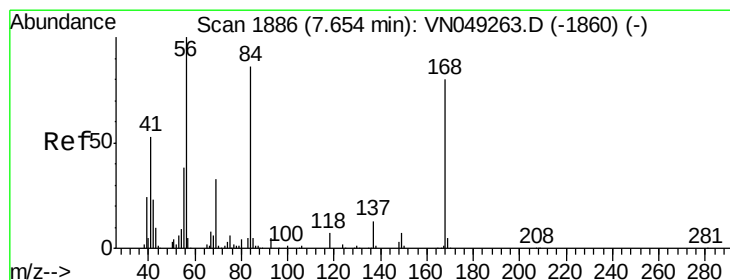
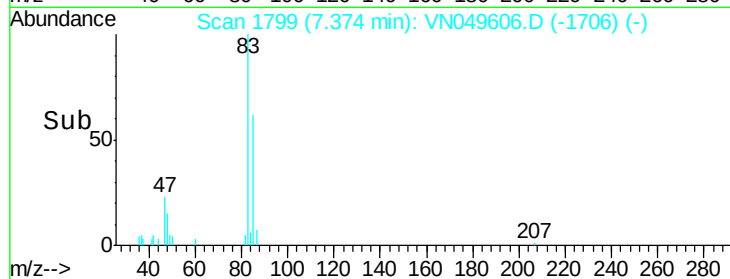
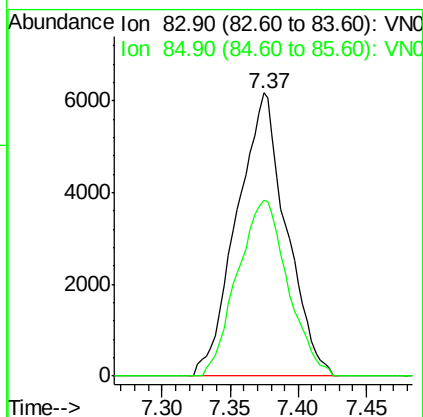
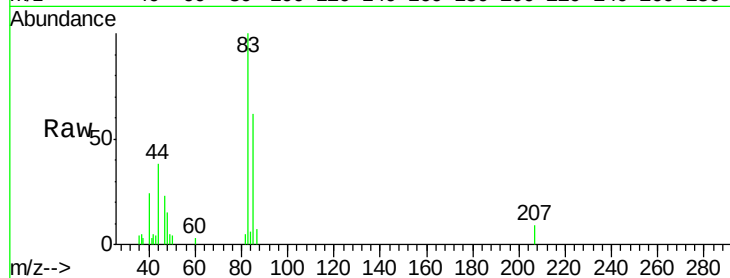




#30
Chloroform
Concen: 0.56 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

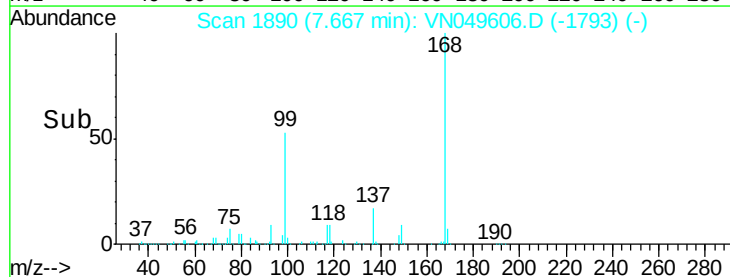
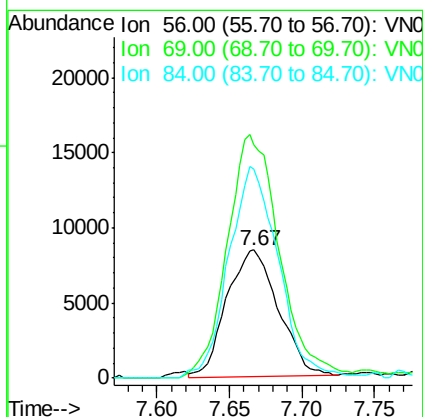
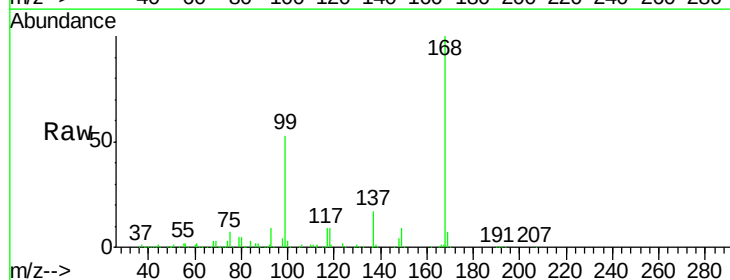
Instrument :
MSVOA_N
ClientSampleId :

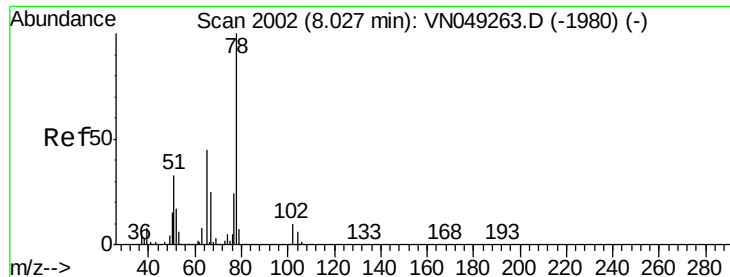
Tot Ion: 83 Resp: 15544
Ion Ratio Lower Upper
83 100
85 62.0 51.7 77.5



#31
Cyclohexane
Concen: 0.70 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

Tgt Ion: 56 Resp: 20720
Ion Ratio Lower Upper
56 100
69 183.3 25.0 37.4#
84 163.5 64.6 96.8#

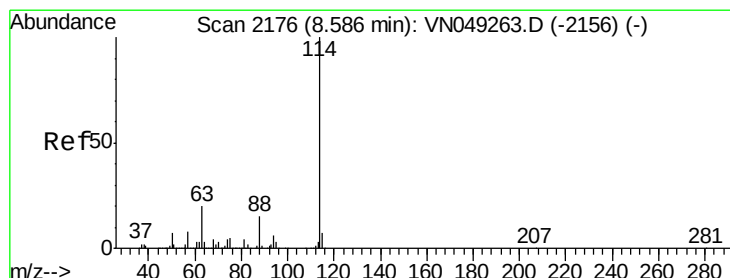
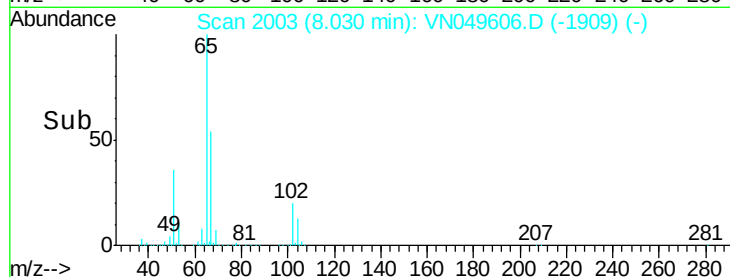
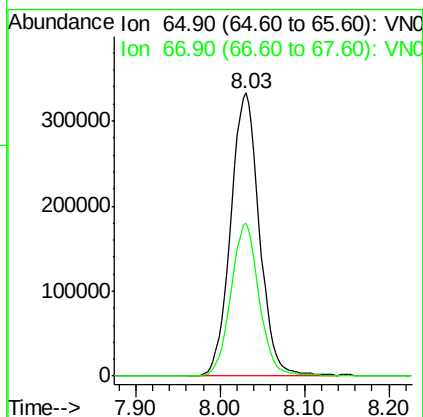
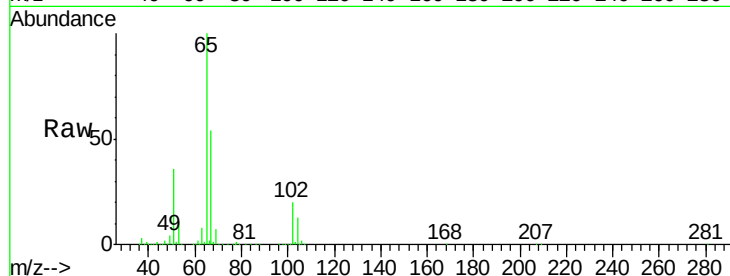




#33
 1,2-Dichloroethane-d4
 Concen: 49.53 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

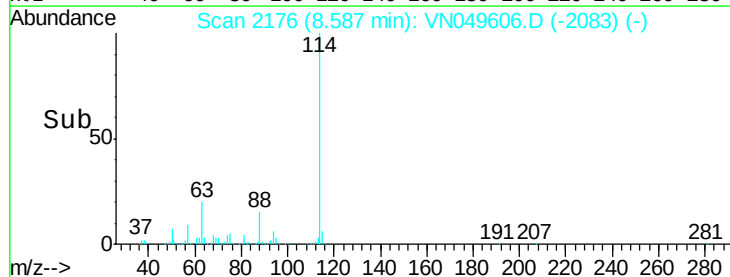
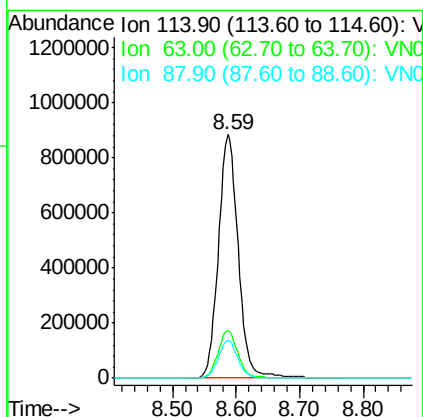
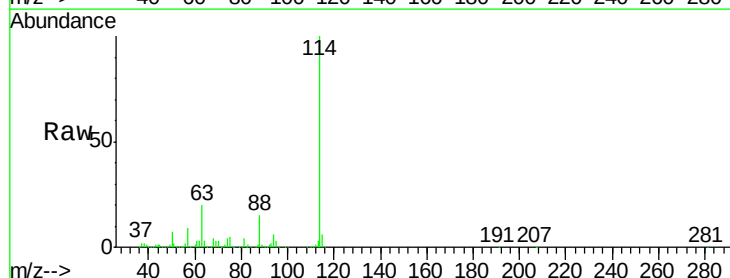
Instrument :
 MSVOA_N
 ClientSampleId :

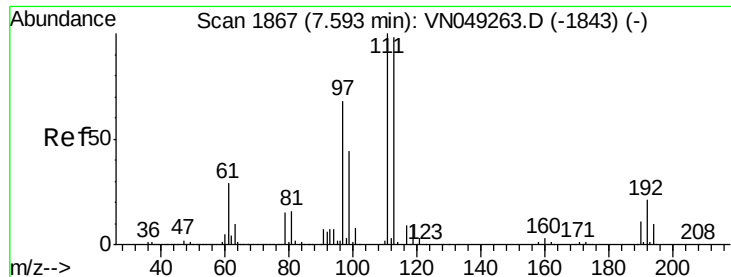
Tot Ion: 65 Resp: 790128
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Tgt Ion: 114 Resp: 1910760
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.4 0.0 31.4

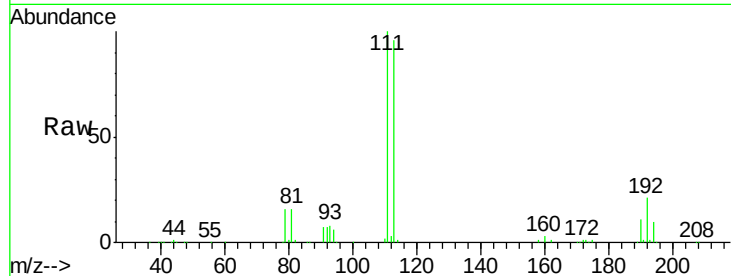




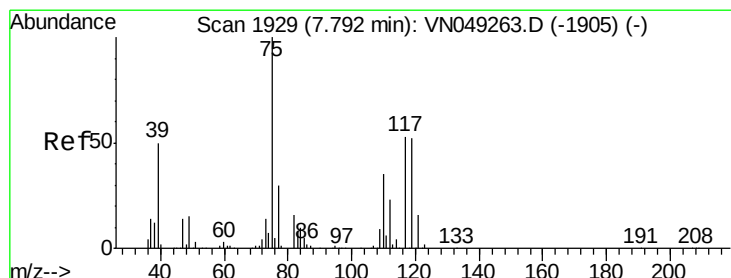
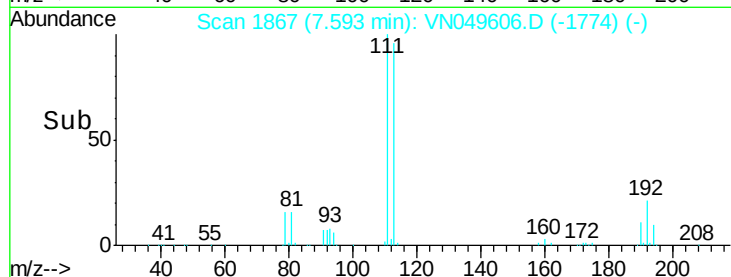
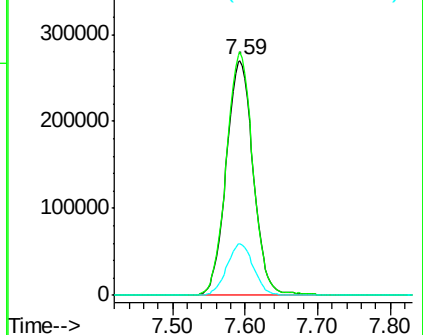
#35
 Dibromofluoromethane
 Concen: 45.29 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 700152
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 21.8 15.0 22.6

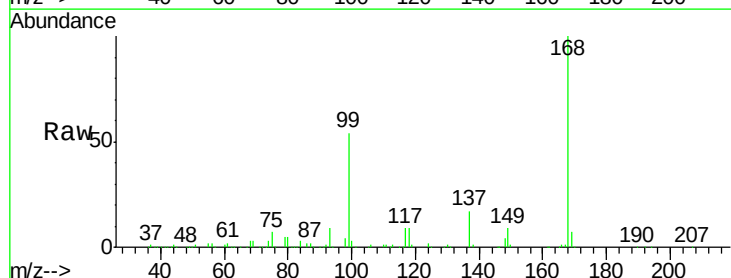


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

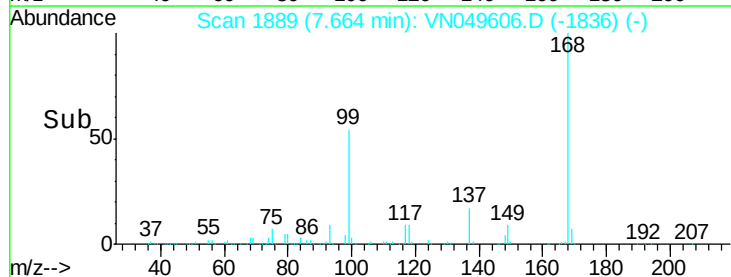
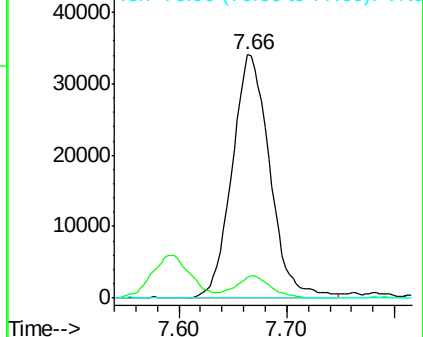


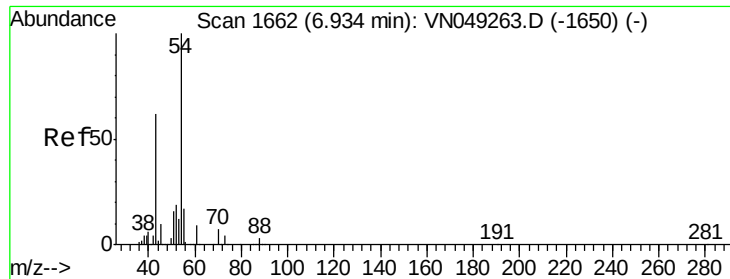
#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Tgt Ion: 75 Resp: 83042
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.0 50.9#
 77 0.0 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

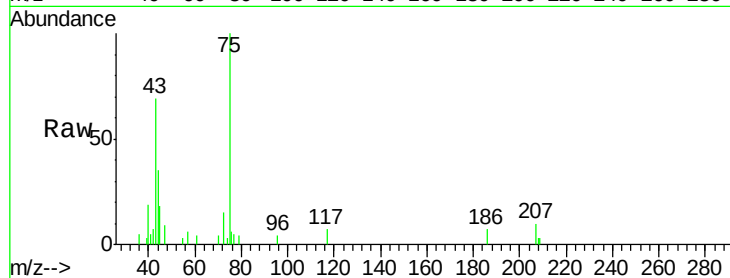




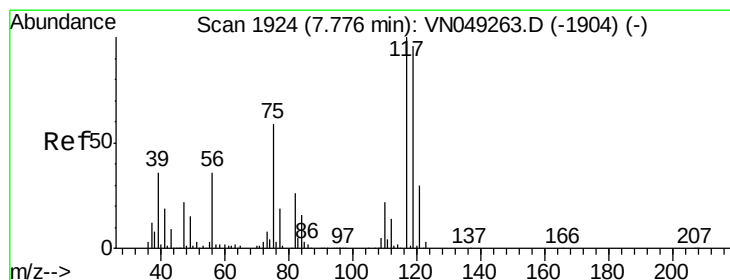
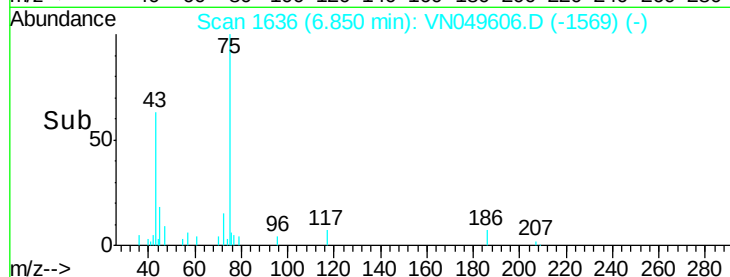
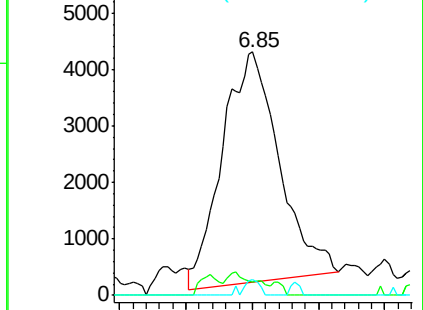
#37
Ethyl Acetate
Concen: 1.03 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 12261
Ion Ratio Lower Upper
43 100
61 2.8 11.0 16.4#
70 1.9 7.2 10.8#

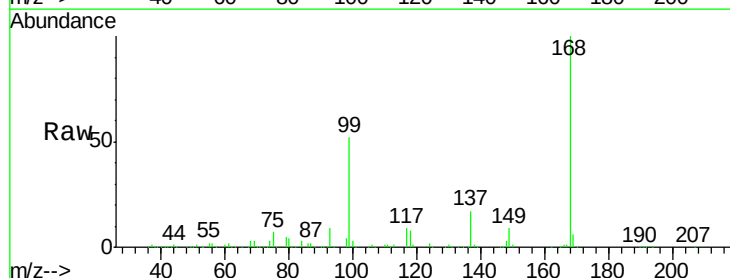


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

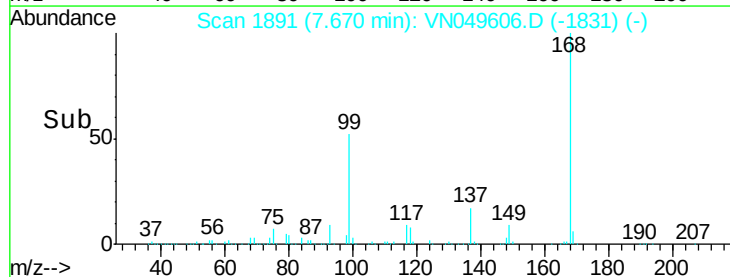
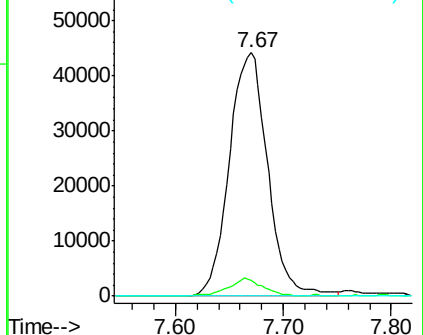


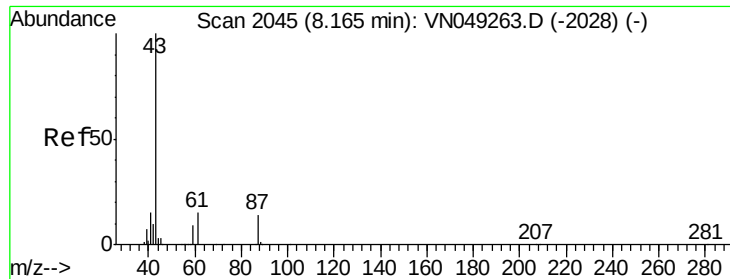
#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

Tgt Ion: 117 Resp: 109319
Ion Ratio Lower Upper
117 100
119 6.4 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: 18.58 ug/l

RT: 8.28 min Scan# 2081

Delta R.T. 0.12 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

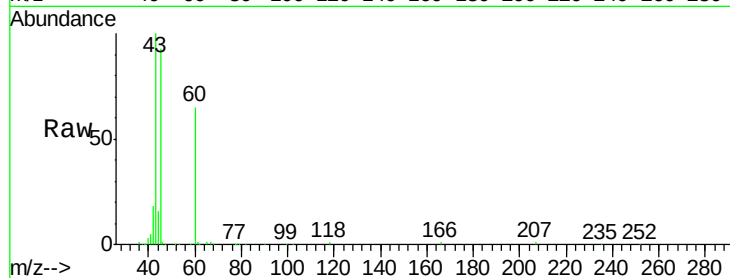
Tot Ion: 43 Resp: 422572

Ion Ratio Lower Upper

43 100

61 0.2 14.2 21.4#

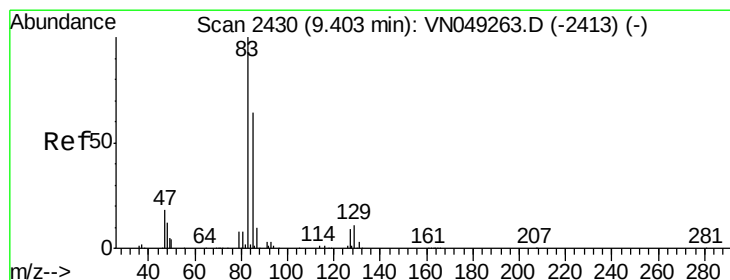
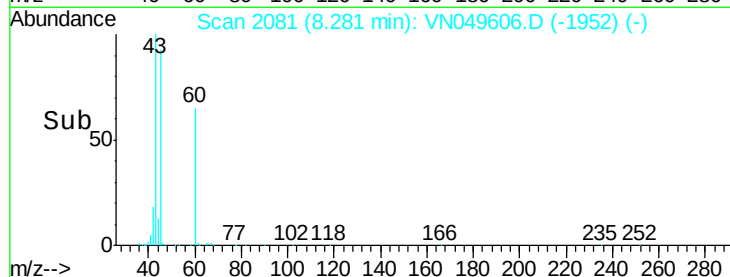
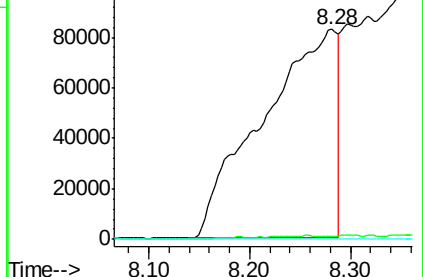
87 0.0 9.4 14.0#



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) (-)



#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

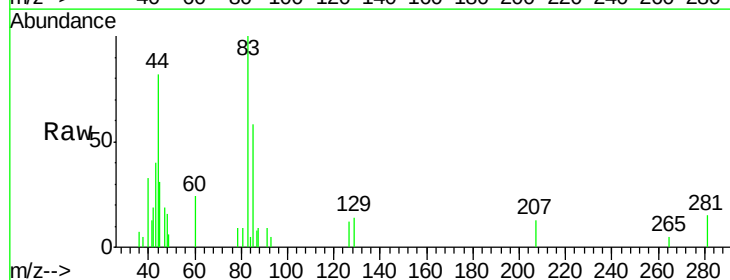
Tgt Ion: 83 Resp: 6492

Ion Ratio Lower Upper

83 100

85 58.2 49.4 74.0

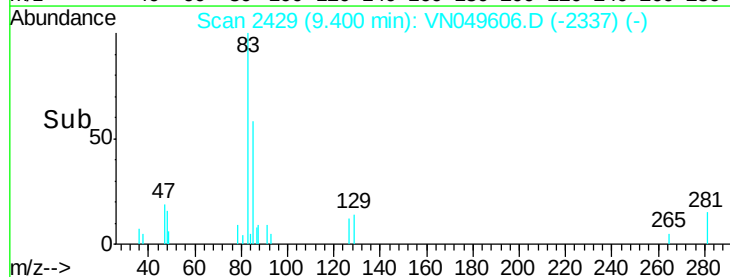
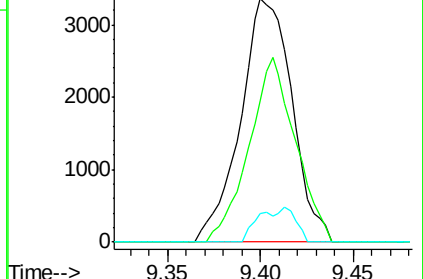
127 11.8 6.3 9.5#

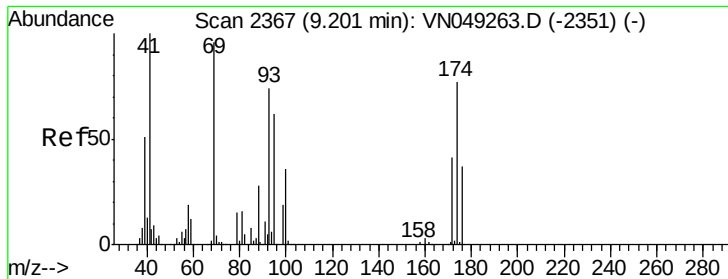


Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2413) (-)





#49

1,4-Dioxane

Concen: 0.45 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

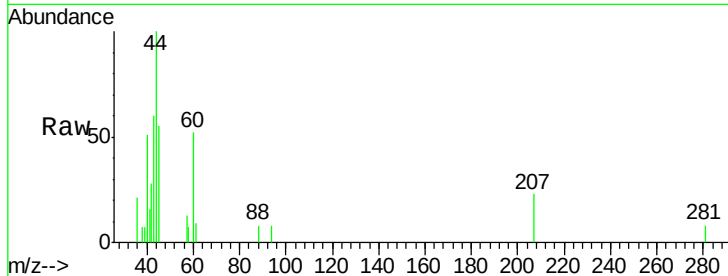
Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 67

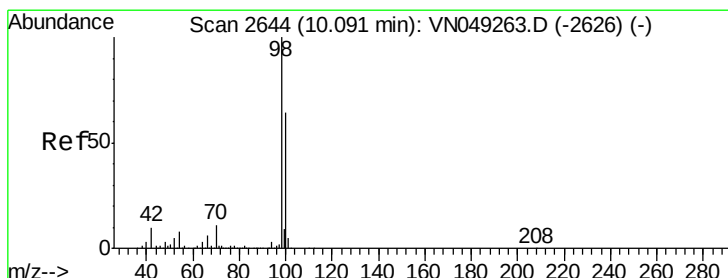
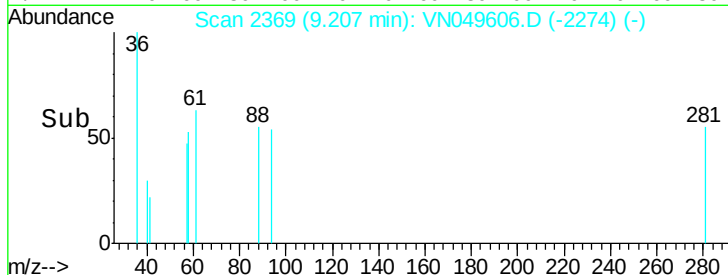
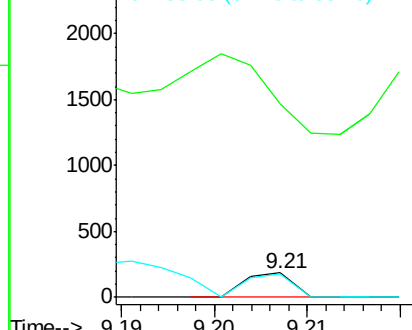
Ion	Ratio	Lower	Upper
88	100		
43	635.8	30.9	46.3#
58	95.5	58.9	88.3#



Abundance Ion 88.00 (87.70 to 88.70): VN049606.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049606.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049606.D (-2274) (-)



#50

Toluene-d8

Concen: 43.73 ug/l

RT: 10.09 min Scan# 2645

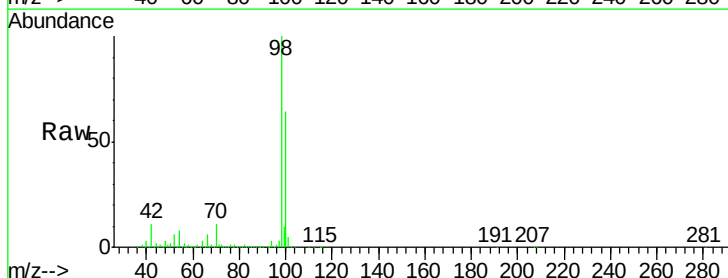
Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

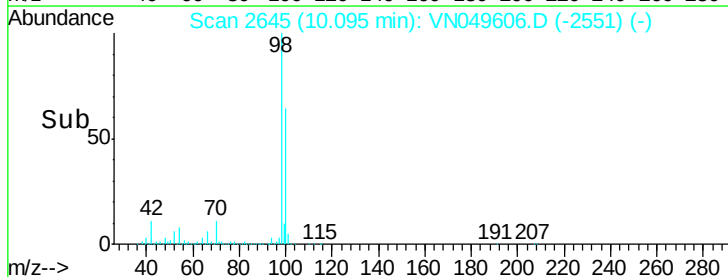
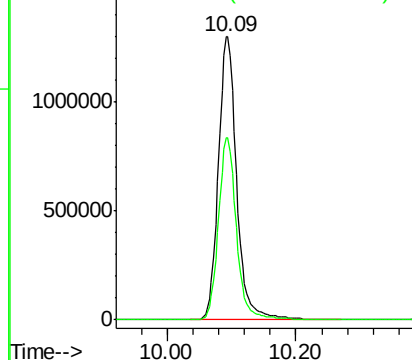
Tgt Ion: 98 Resp: 2573939

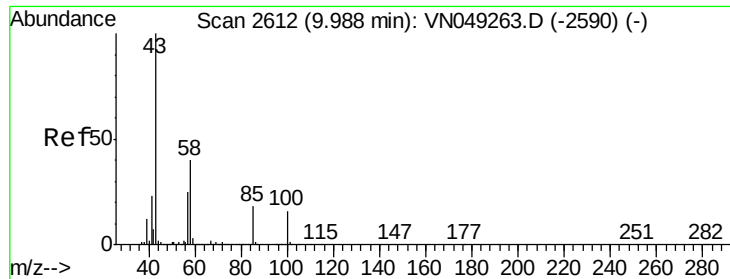
Ion	Ratio	Lower	Upper
98	100		
100	63.8	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049606.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049606.D (-2551) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.48 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

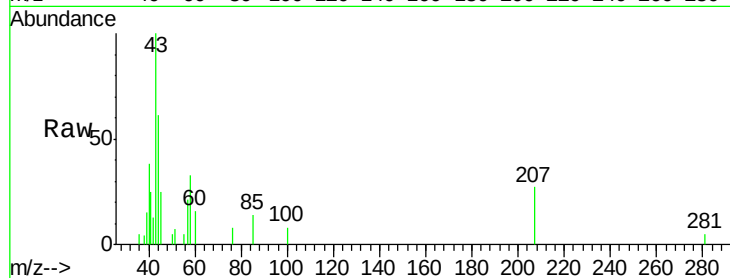
ClientSampled :

Tot Ion: 43 Resp: 5766

Ion Ratio Lower Upper

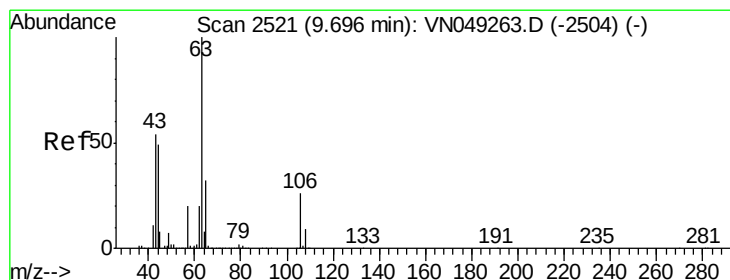
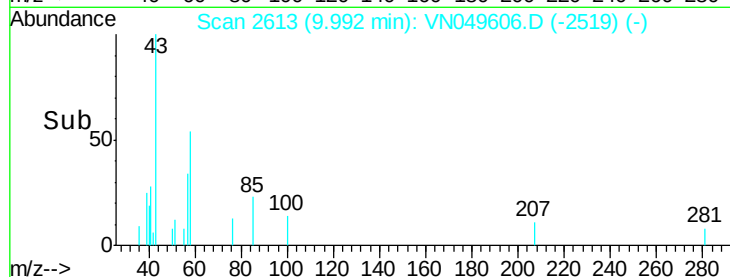
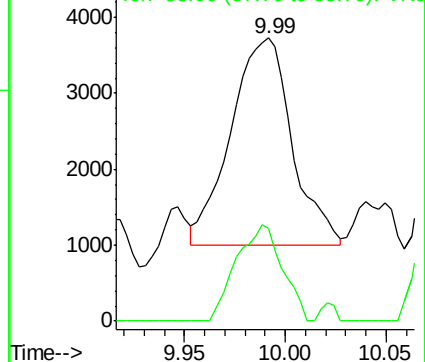
43 100

58 35.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.56 min Scan# 2478

Delta R.T. -0.14 min

Lab File: VN049606.D

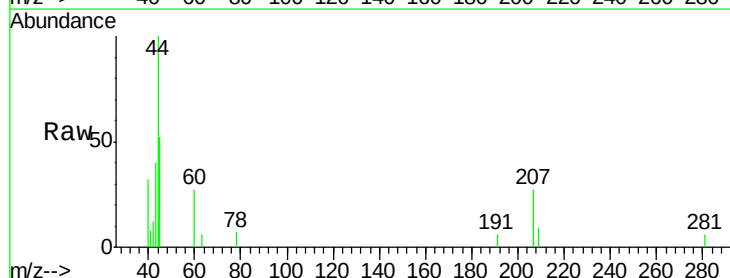
Acq: 28 Jun 2018 22:17

Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

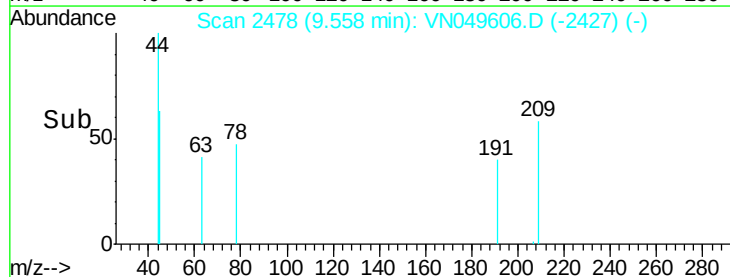
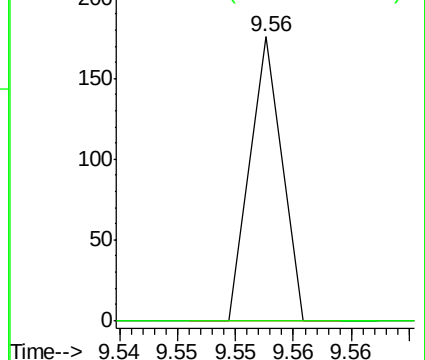
63 100

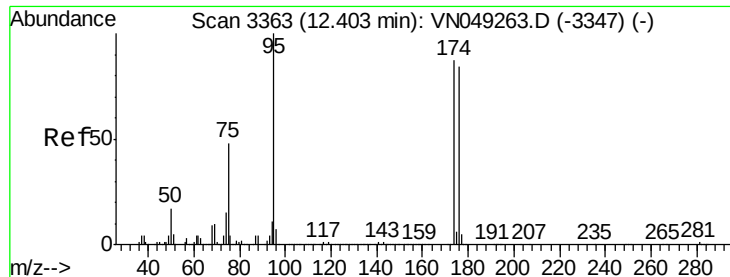
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049263.D (-2504) (-)





#62

4-Bromofluorobenzene

Concen: 38.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

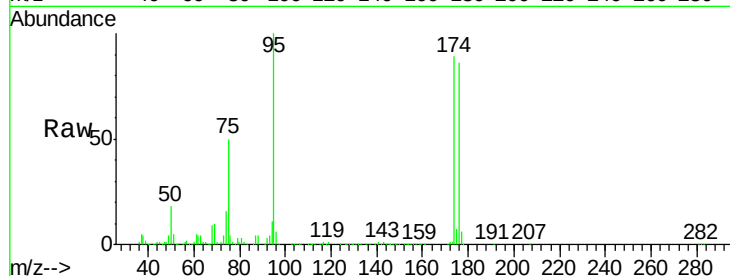
Tot Ion: 95 Resp: 749792

Ion Ratio Lower Upper

95 100

174 90.3 0.0 165.6

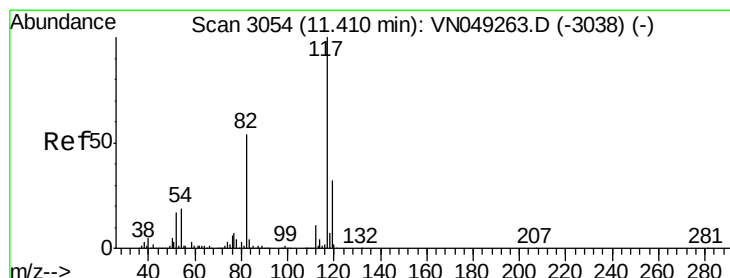
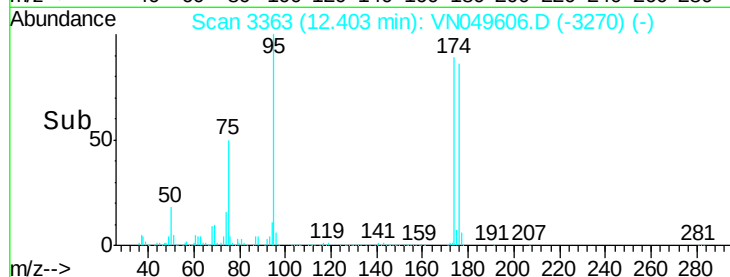
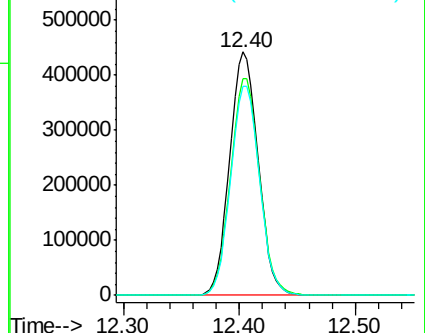
176 87.0 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049606.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049606.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049606.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

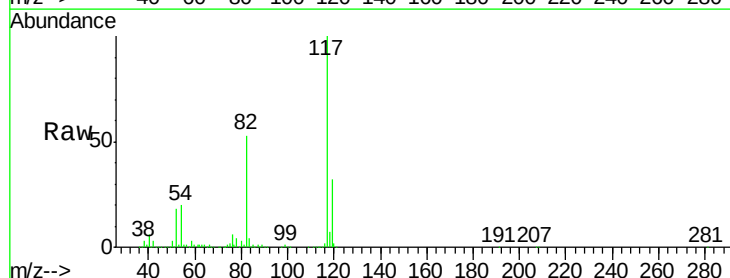
Tgt Ion: 117 Resp: 1578065

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

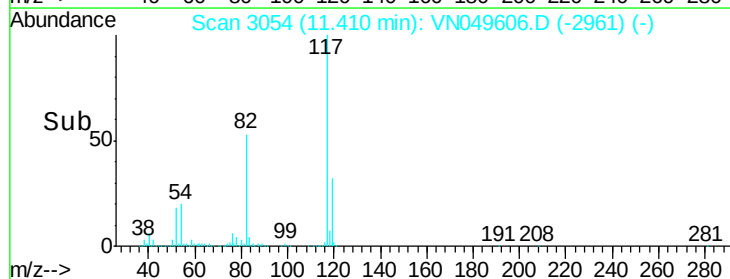
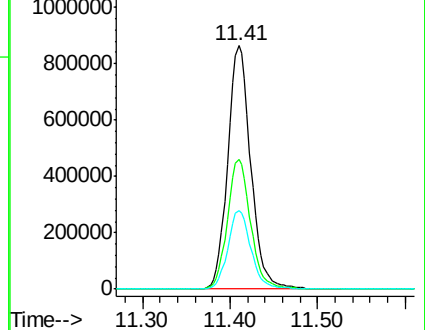
119 32.4 25.5 38.3

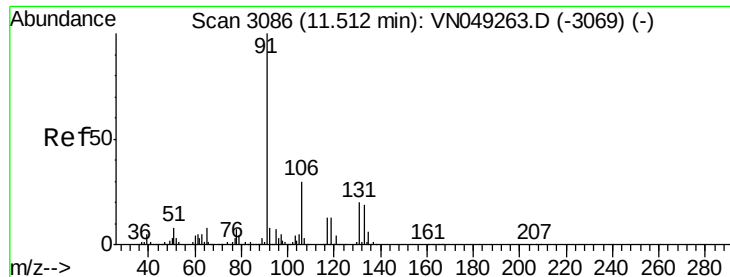


Abundance Ion 116.90 (116.60 to 117.60): VN049606.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049606.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049606.D (-2961) (-)





#67

Ethyl Benzene

Concen: 0.45 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

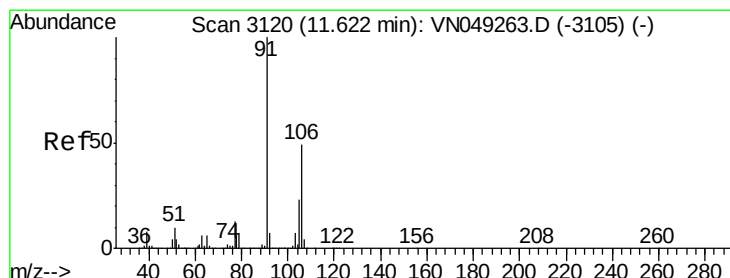
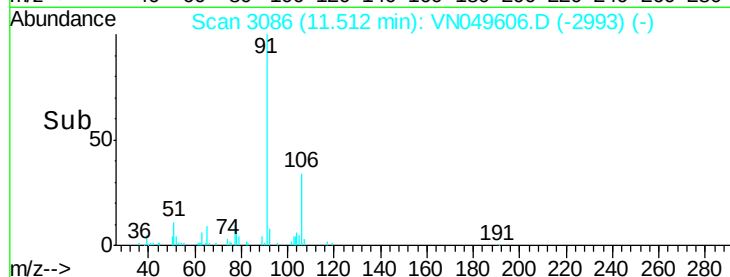
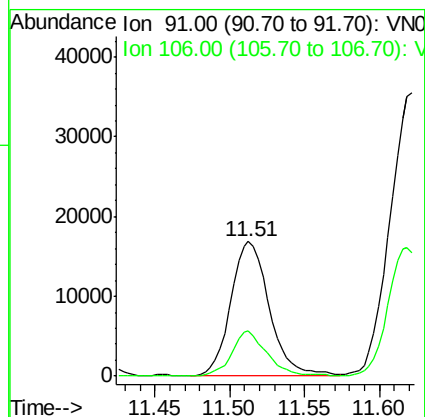
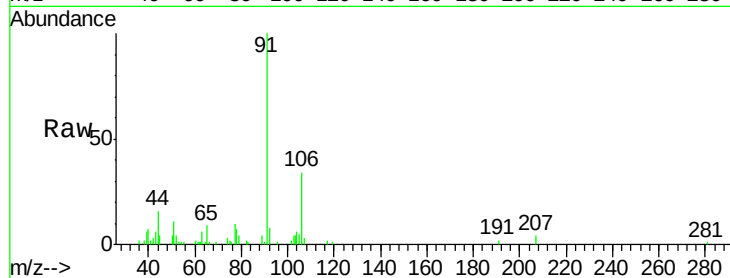
ClientSampled :

Tot Ion: 91 Resp: 30525

Ion Ratio Lower Upper

91 100

106 33.5 23.9 35.9



#68

m/p-Xylenes

Concen: 1.31 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049606.D

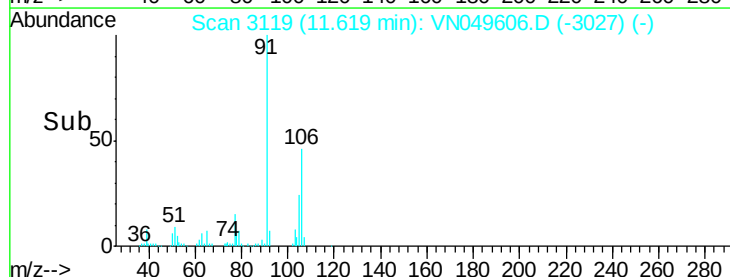
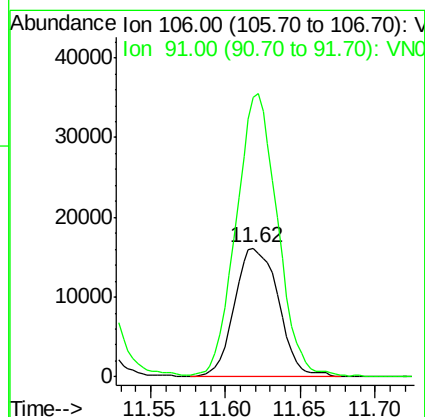
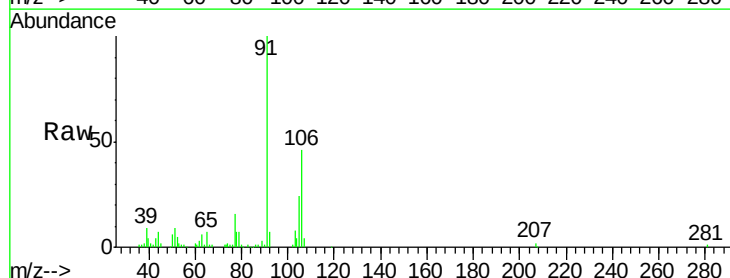
Acq: 28 Jun 2018 22:17

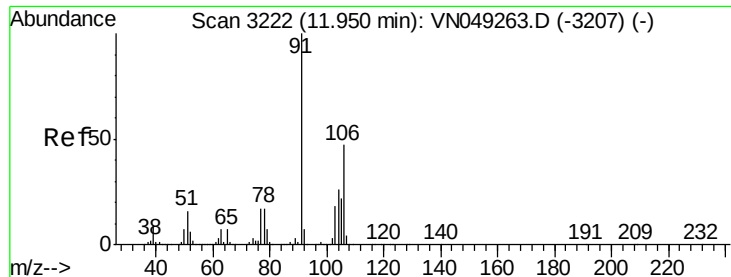
Tgt Ion: 106 Resp: 33088

Ion Ratio Lower Upper

106 100

91 206.9 167.3 250.9

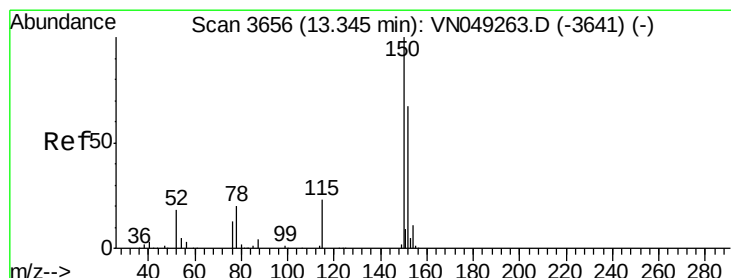
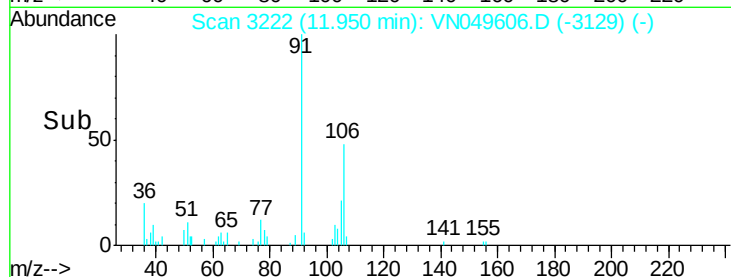
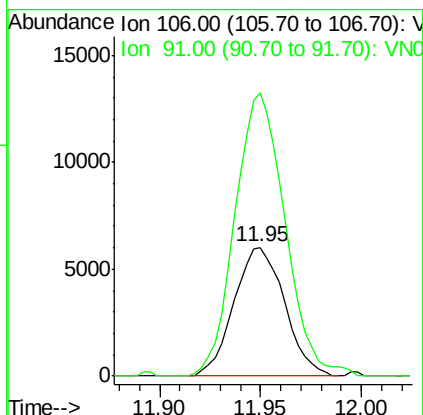
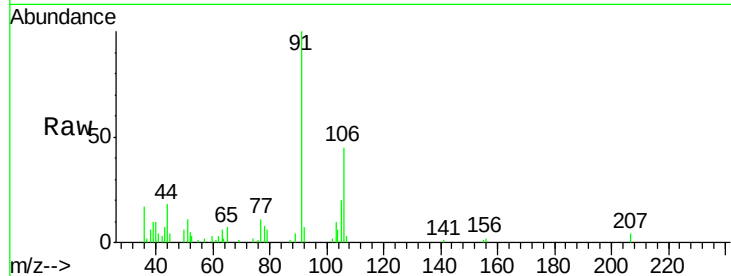




#69
o-Xylene
Concen: 0.43 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

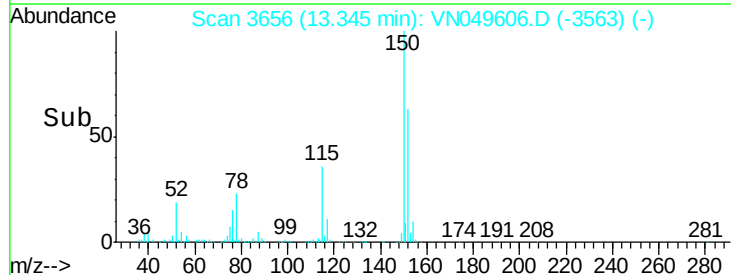
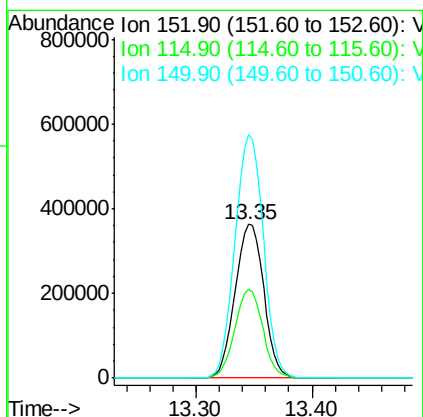
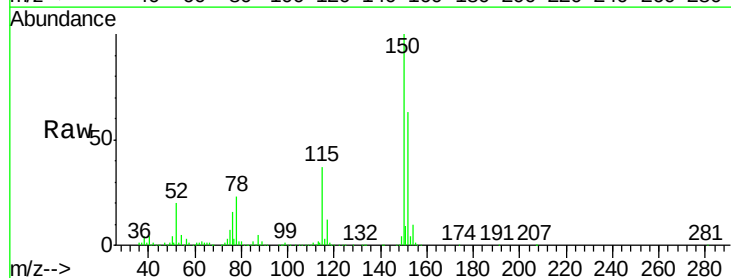
Instrument :
MSVOA_N
ClientSampled :

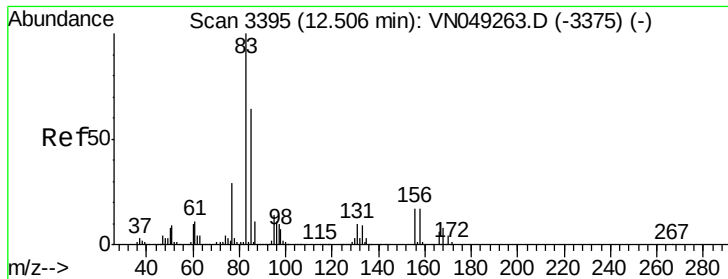
Tot Ion:106 Resp: 10589
Ion Ratio Lower Upper
106 100
91 217.6 111.0 333.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049606.D
Acq: 28 Jun 2018 22:17

Tgt Ion:152 Resp: 622005
Ion Ratio Lower Upper
152 100
115 56.4 28.7 86.1
150 156.3 0.0 351.0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampled :

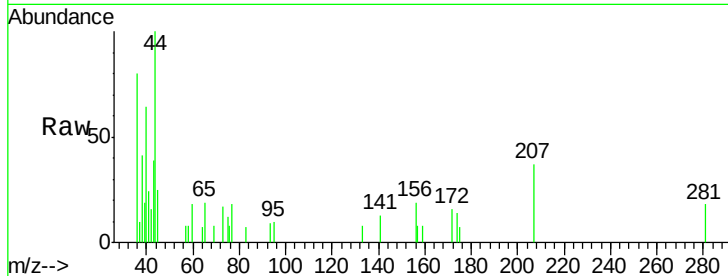
Tot Ion: 83 Resp: 58

Ion Ratio Lower Upper

83 100

131 55.2 5.0 15.0#

85 0.0 32.0 96.0#

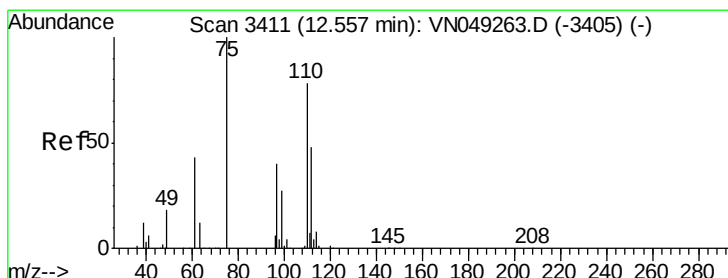
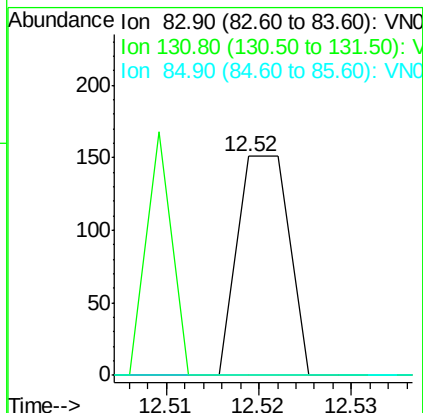
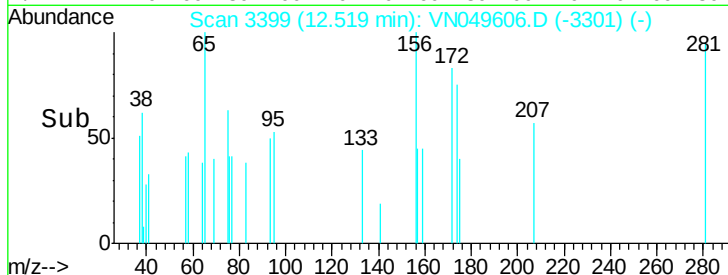


Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-3375) (-)

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

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

12.51 12.52 12.53



#76

1,2,3-Trichloropropane

Concen: 34.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049606.D

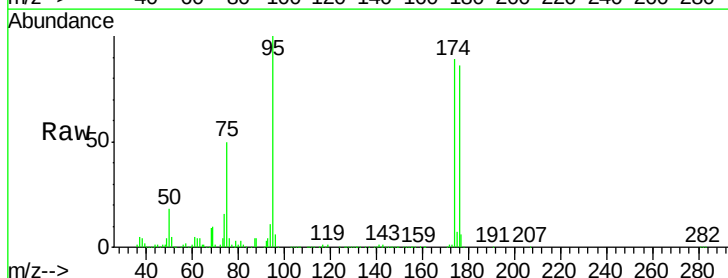
Acq: 28 Jun 2018 22:17

Tgt Ion: 75 Resp: 370119

Ion Ratio Lower Upper

75 100

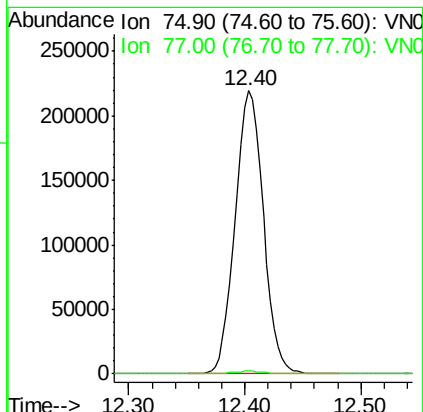
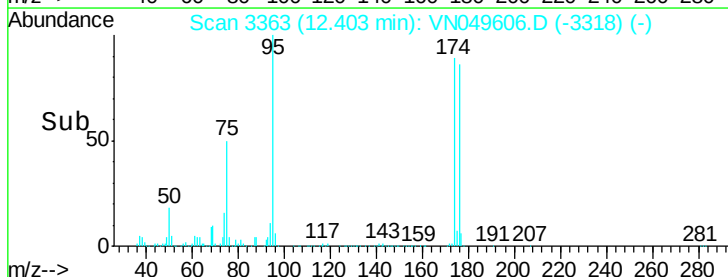
77 1.3 0.0 0.0#

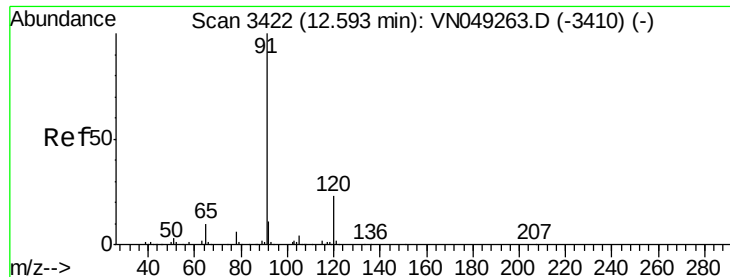


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3405) (-)

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

12.40





#78

n-propylbenzene

Concen: 0.36 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

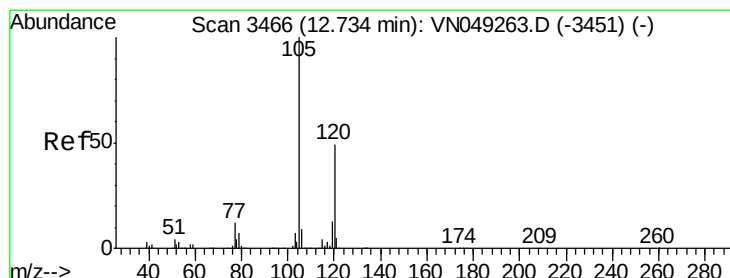
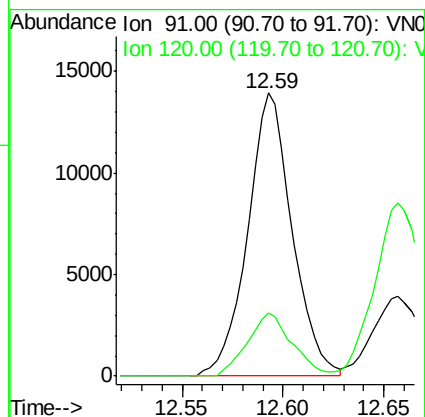
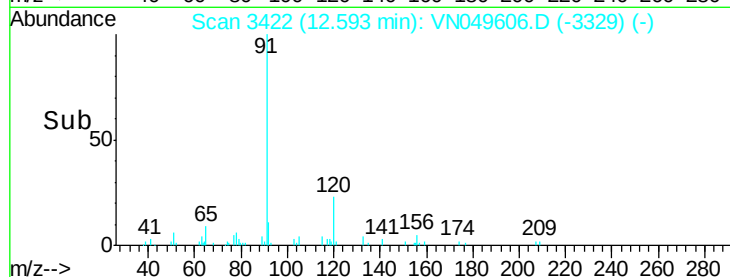
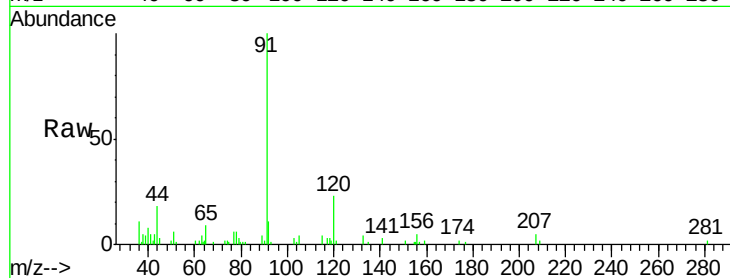
ClientSampled :

Tot Ion: 91 Resp: 21493

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 0.66 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049606.D

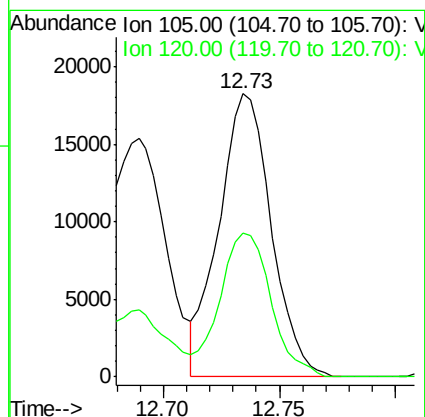
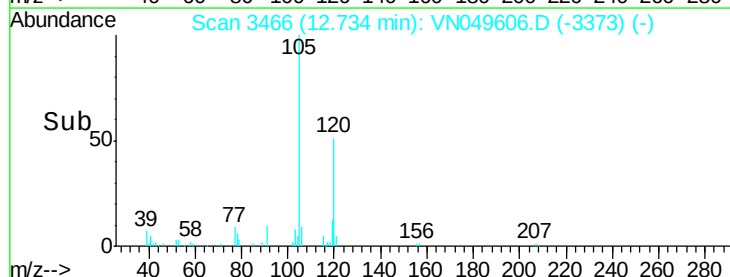
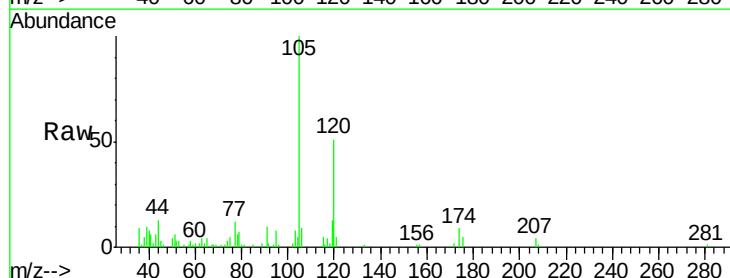
Acq: 28 Jun 2018 22:17

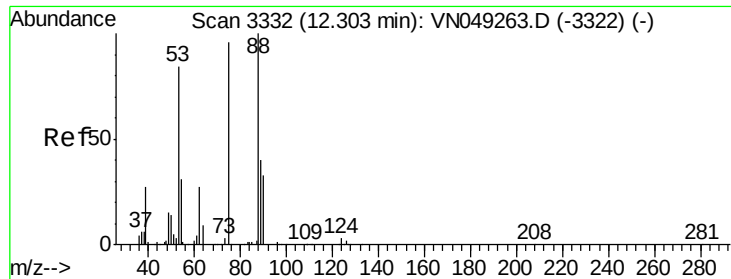
Tgt Ion: 105 Resp: 28514

Ion Ratio Lower Upper

105 100

120 49.8 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 110.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

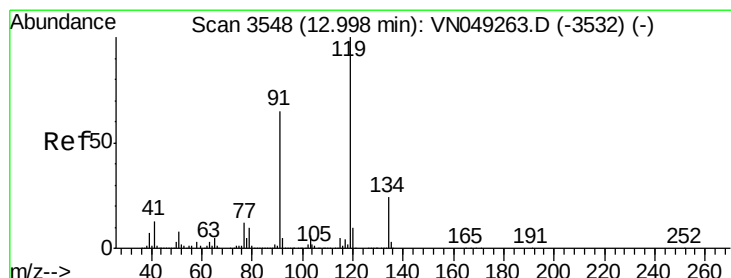
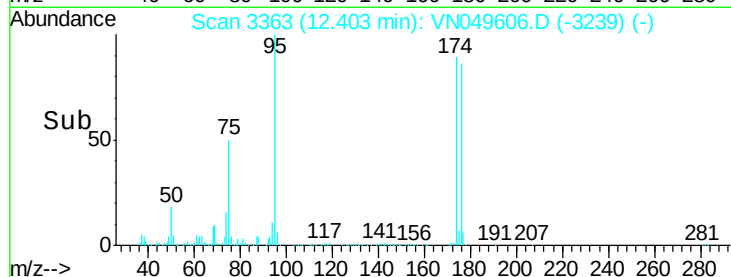
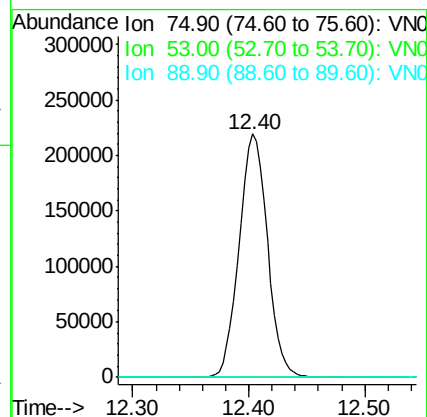
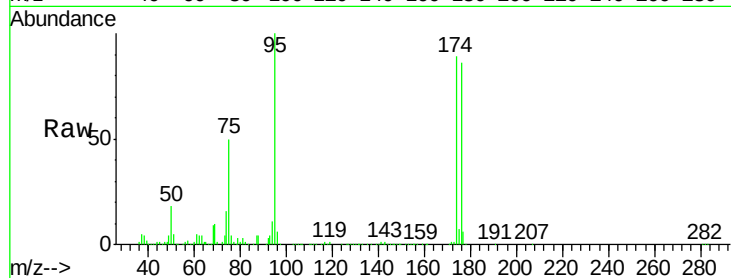
Tot Ion: 75 Resp: 370119

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#



#83

tert-Butylbenzene

Concen: 0.31 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

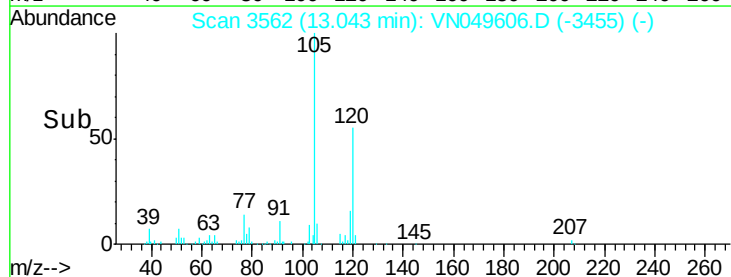
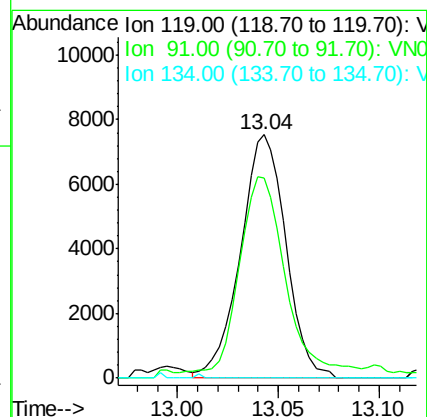
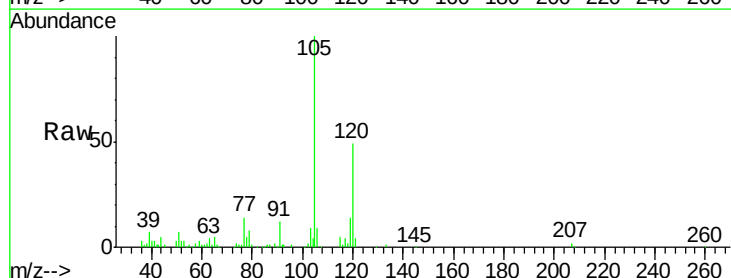
Tgt Ion: 119 Resp: 11892

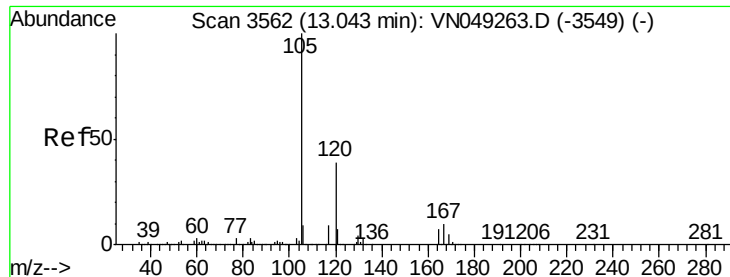
Ion Ratio Lower Upper

119 100

91 78.2 33.7 101.0

134 0.0 12.9 38.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.04 ua/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049606.D

Acq: 28 Jun 2018 22:17

Instrument :

MSVOA_N

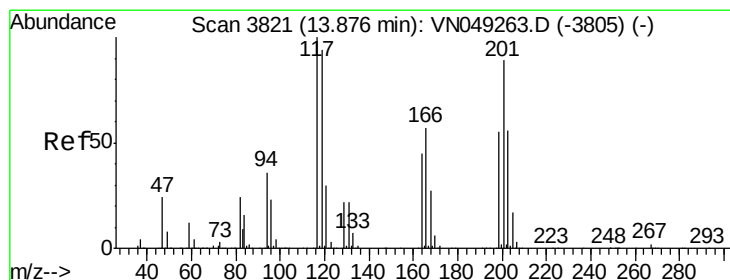
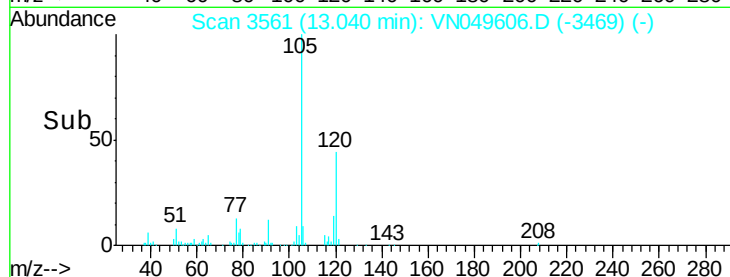
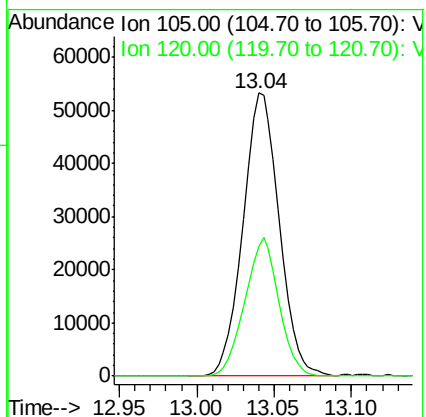
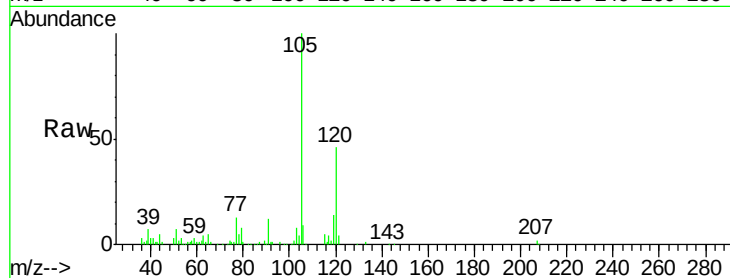
ClientSampled :

Tot Ion:105 Resp: 87113

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049606.D

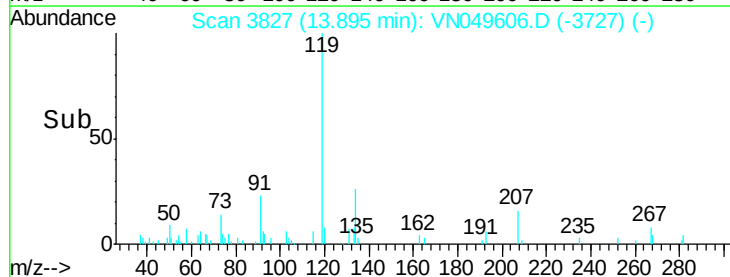
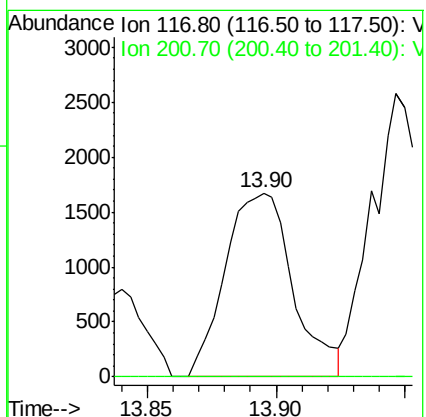
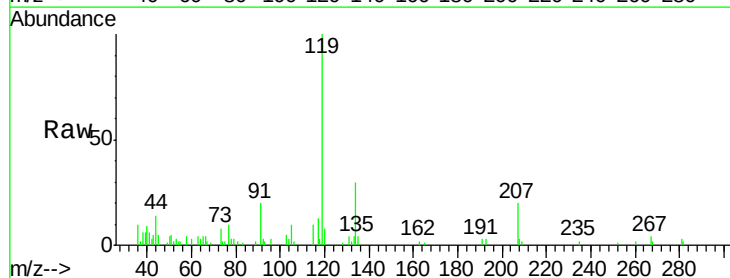
Acq: 28 Jun 2018 22:17

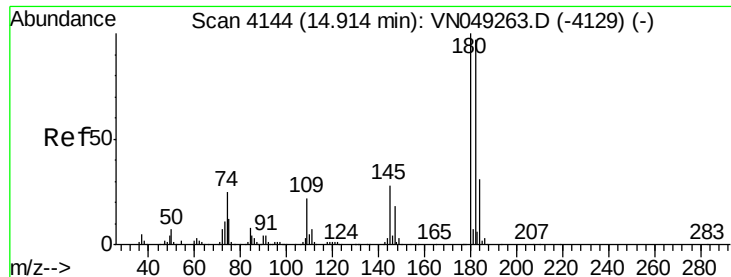
Tgt Ion:117 Resp: 3063

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#

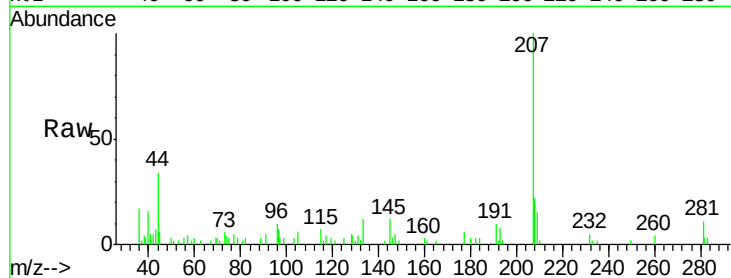




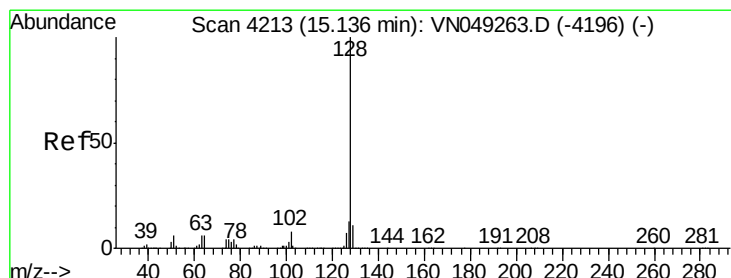
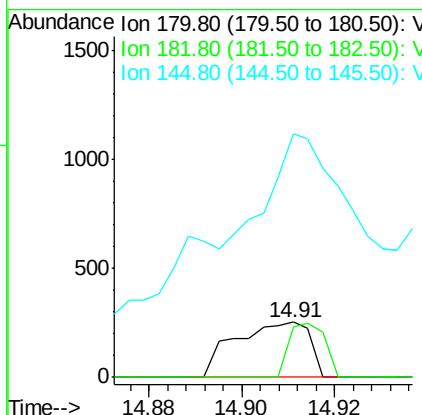
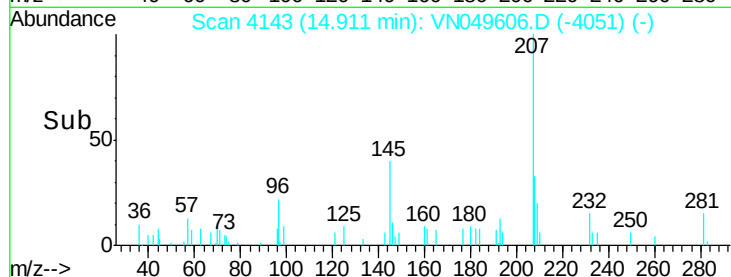
#93
 1,2,4-Trichlorobenzene
 Concen: 4.77 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 282
 Ion Ratio Lower Upper
 180 100
 182 46.8 46.9 140.8#
 145 837.2 14.7 44.1#

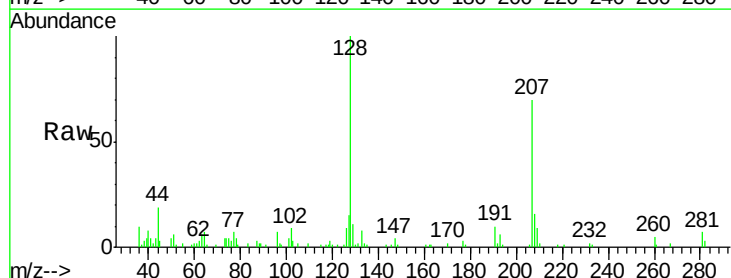


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

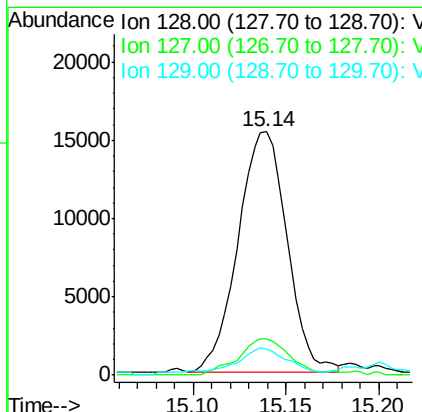
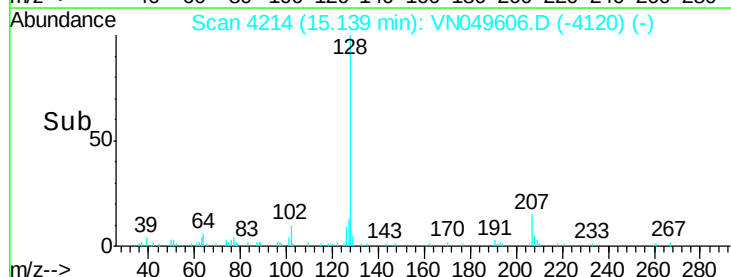


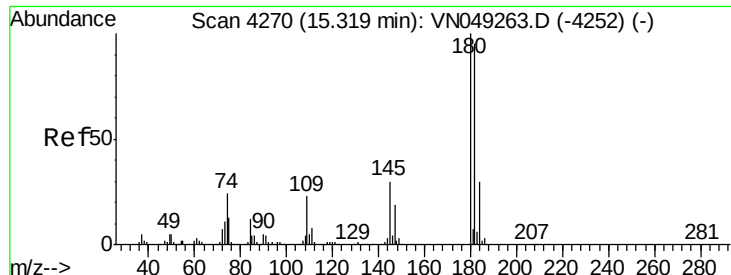
#95
 Naphthalene
 Concen: 3.71 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Tgt Ion:128 Resp: 28140
 Ion Ratio Lower Upper
 128 100
 127 15.6 10.6 16.0
 129 12.5 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

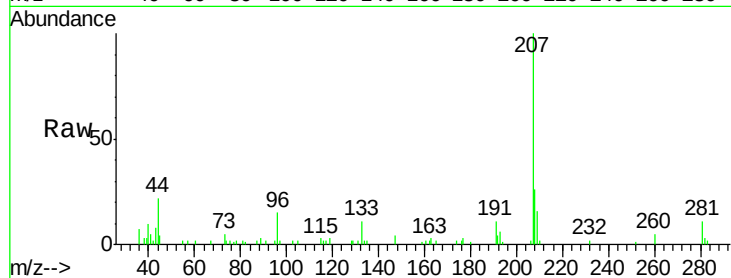




#96
 1,2,3-Trichlorobenzene
 Concen: 3.46 ug/l
 RT: 15.38 min Scan# 4289
 Delta R.T. 0.06 min
 Lab File: VN049606.D
 Acq: 28 Jun 2018 22:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	520.0	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

