

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049420.D
 Acq On : 20 Jun 2018 7:03
 Operator : MD\SY
 Sample : J3249-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 08:22:55 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	1136290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1817600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1473263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477205	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	763485	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	675645	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	2462519	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	12.40	95	644983	34.84	ug/l	0.00
Spiked Amount			Recovery	=	69.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	2983	0.32	ug/l	84
11) Tert butyl alcohol	4.78	59	240	0.27	ug/l #	70
16) Acetone	3.82	43	39485	10.79	ug/l	97
18) Methyl Acetate	4.33	43	100858	9.04	ug/l	98
20) Methylene Chloride	4.55	84	275665	18.04	ug/l	91
25) 2-Butanone	6.85	43	5265	1.07	ug/l	98
29) Tetrahydrofuran	7.23	42	3161	1.00	ug/l #	73
30) Chloroform	7.37	83	23228	0.89	ug/l	96
31) Cyclohexane	7.67	56	21358	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	80747	3.88	ug/l #	50
38) Carbon Tetrachloride	7.67	117	102345	4.75	ug/l #	17
43) Isopropyl Acetate	8.22	43	314868	14.55	ug/l #	64
47) Bromodichloromethane	9.41	83	8176	0.38	ug/l #	98
49) 1,4-Dioxane	9.22	88	118	0.84	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.63	63	61	14.34	ug/l #	51
65) Chlorobenzene	11.43	112	12499	0.33	ug/l	96
71) Bromoform	12.40	173	3168	0.34	ug/l #	1
73) Isopropylbenzene	12.25	105	50758	1.21	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	117	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	312876	38.43	ug/l #	100
78) n-propylbenzene	12.59	91	134802	2.93	ug/l	99
79) 2-Chlorotoluene	12.59	91	134802	4.62	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.40	75	312876	121.45	ug/l #	9
82) 4-Chlorotoluene	12.59	91	134802	4.79	ug/l #	42
83) tert-Butylbenzene	13.00	119	7263	0.25	ug/l	96
85) sec-Butylbenzene	13.17	105	62422	1.61	ug/l	82
86) p-Isopropyltoluene	13.44	119	22598	0.70	ug/l	98
89) n-Butylbenzene	13.62	91	29954	1.18	ug/l #	77
90) Hexachloroethane	13.89	117	24312	2.34	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	479	0.33	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	432	4.79	ug/l #	1
95) Naphthalene	15.14	128	36563	4.82	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	417	3.51	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

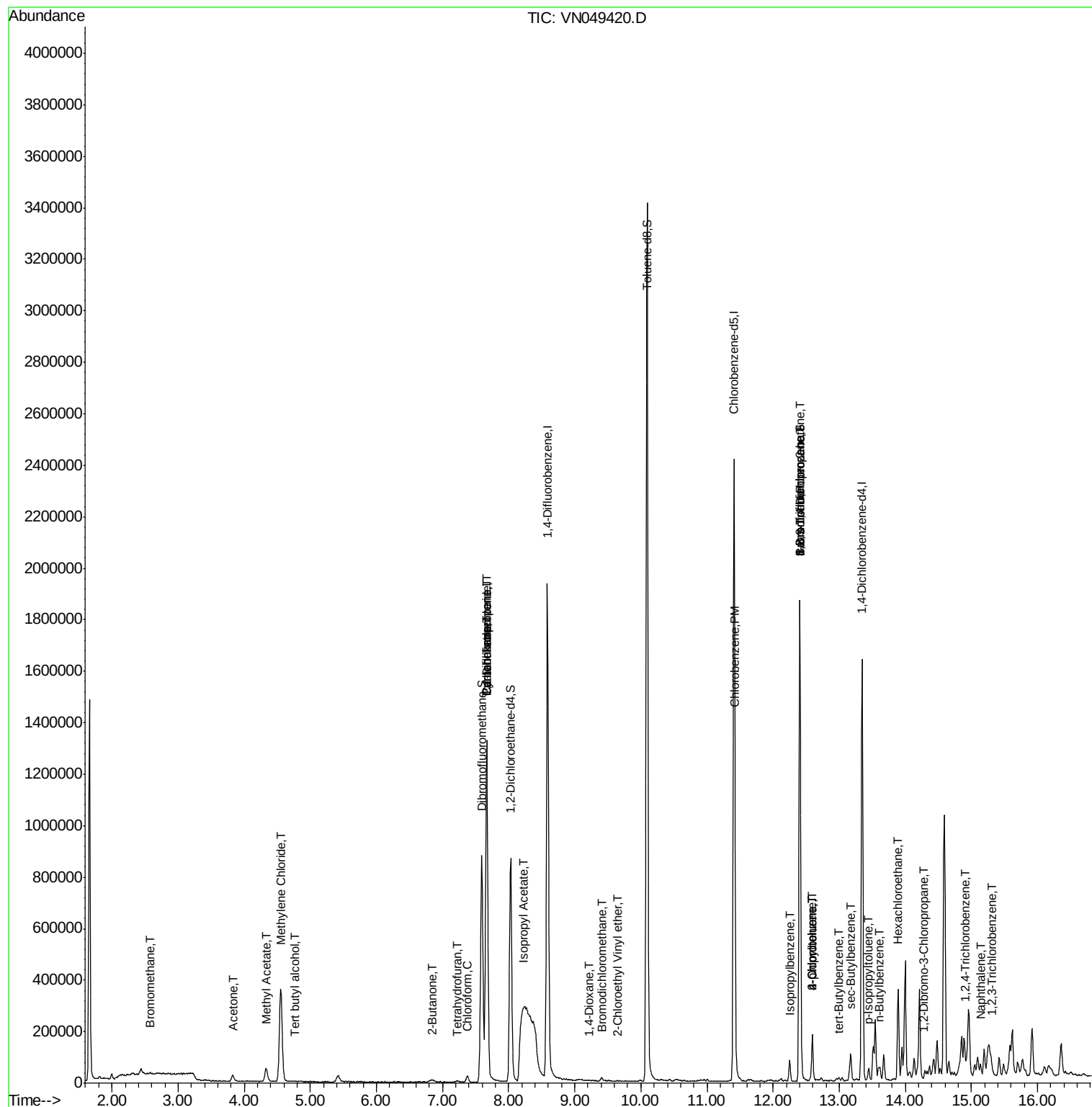
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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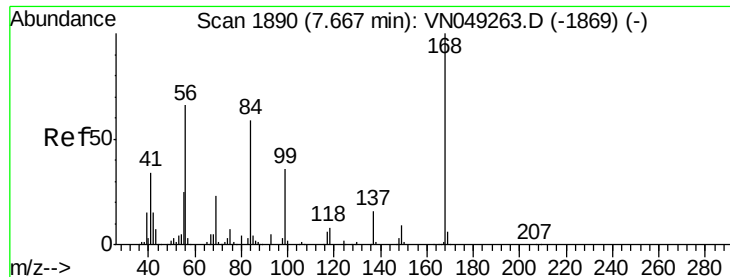
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

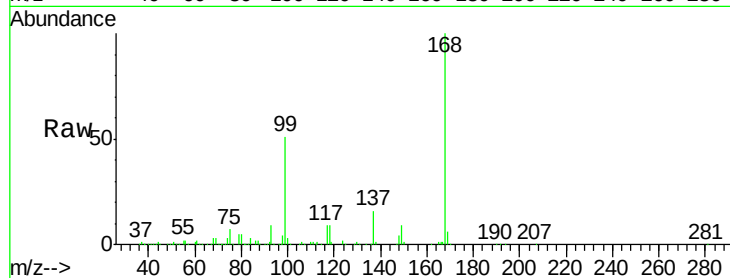
ClientSampleId :

Tot Ion:168 Resp: 1136290

Ion Ratio Lower Upper

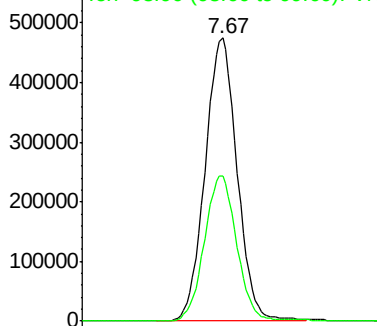
168 100

99 51.1 45.8 68.6

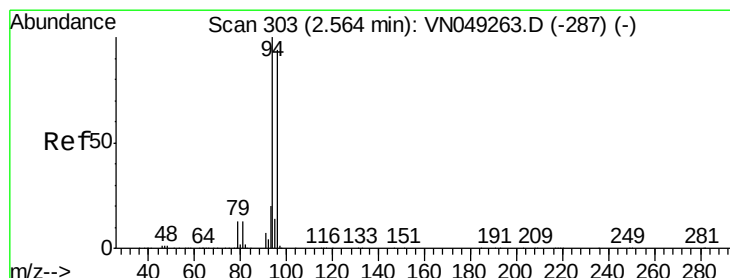
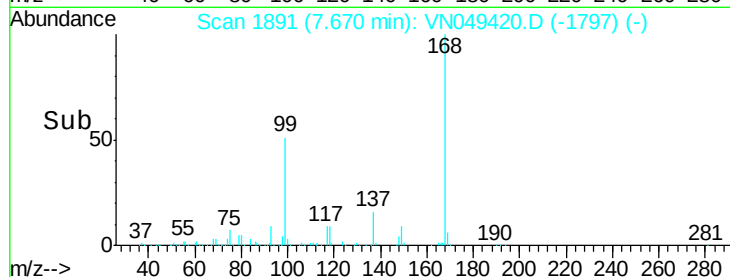


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#5

Bromomethane

Concen: 0.32 ug/l

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049420.D

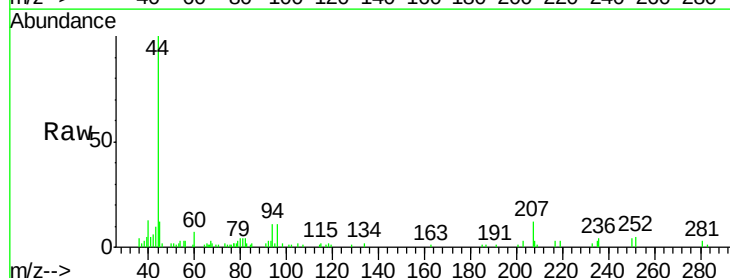
Acq: 20 Jun 2018 7:03

Tgt Ion: 94 Resp: 2983

Ion Ratio Lower Upper

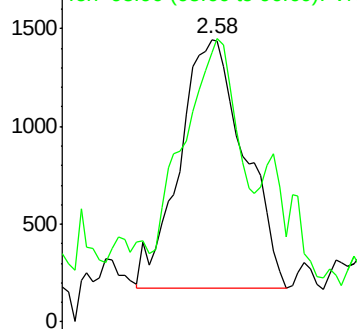
94 100

96 76.0 72.8 109.2

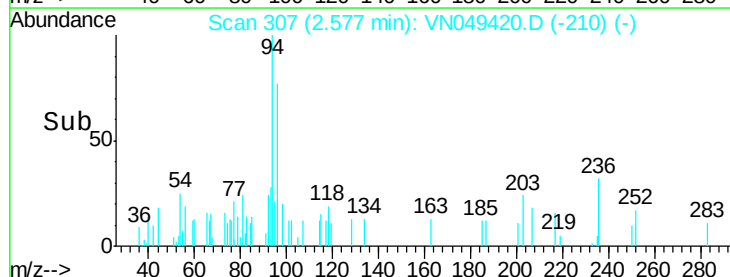


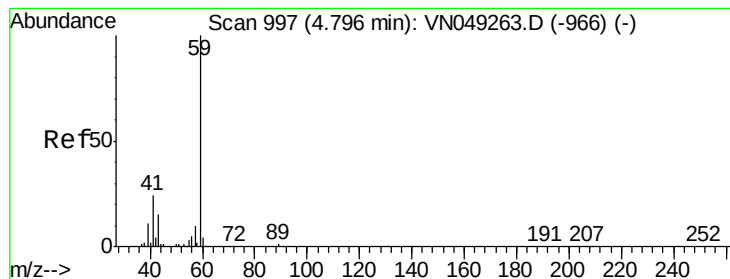
Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



Time-->



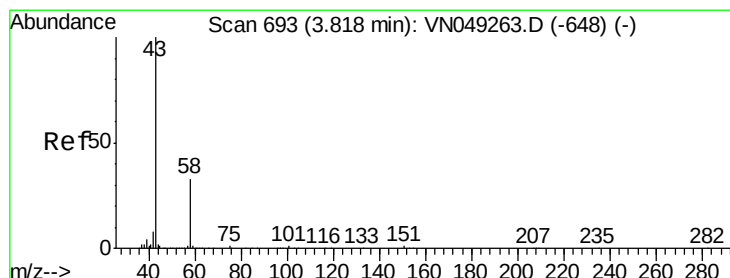
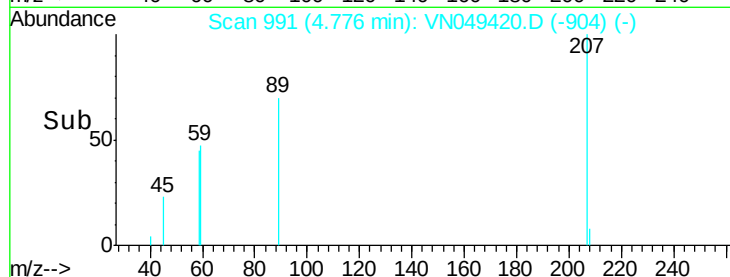
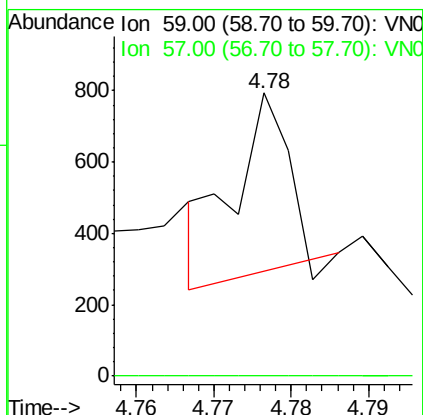
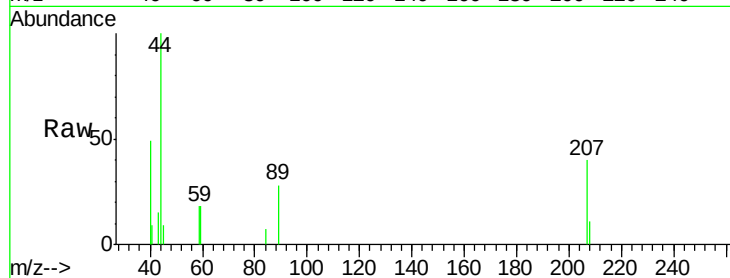


#11

Tert butyl alcohol
 Concen: 0.27 ug/l
 RT: 4.78 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Instrument :
 MSVOA_N
 ClientSampled :

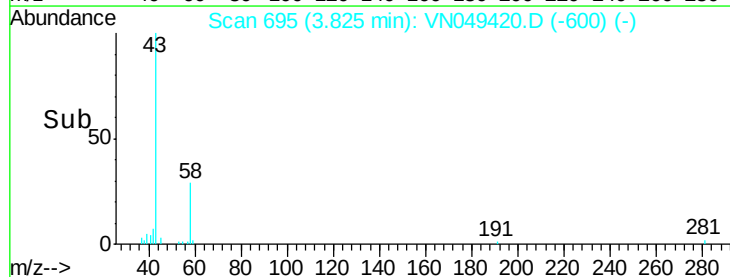
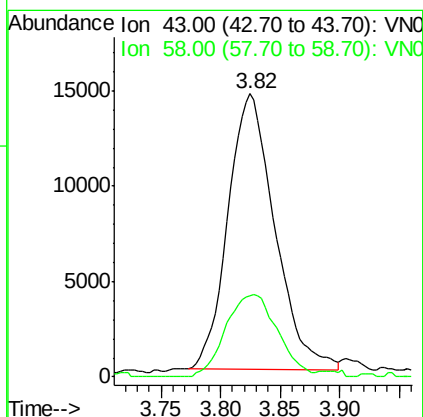
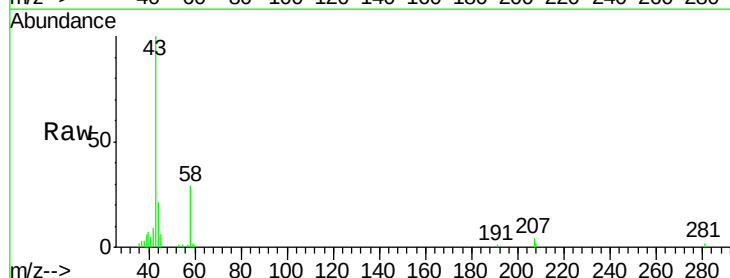
Tot Ion: 59 Resp: 240
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

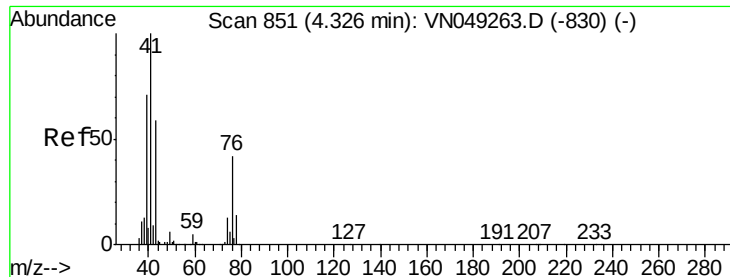


#16

Acetone
 Concen: 10.79 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion: 43 Resp: 39485
 Ion Ratio Lower Upper
 43 100
 58 29.4 22.4 33.6

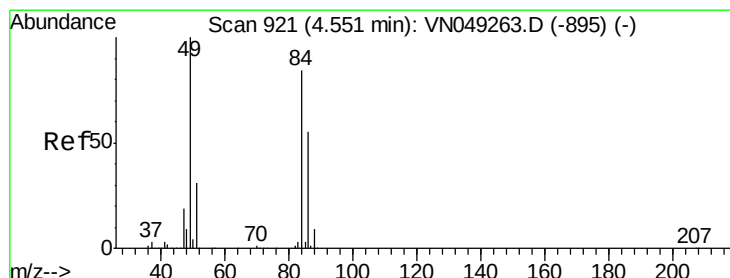
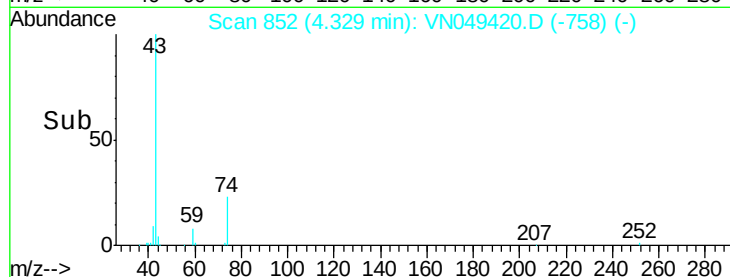
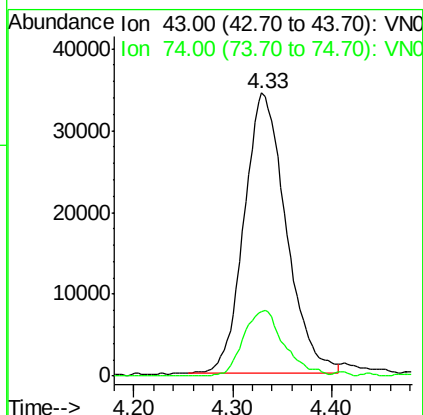
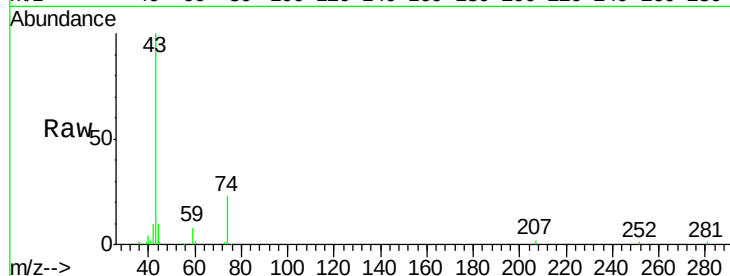




#18
Methvl Acetate
Concen: 9.04 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

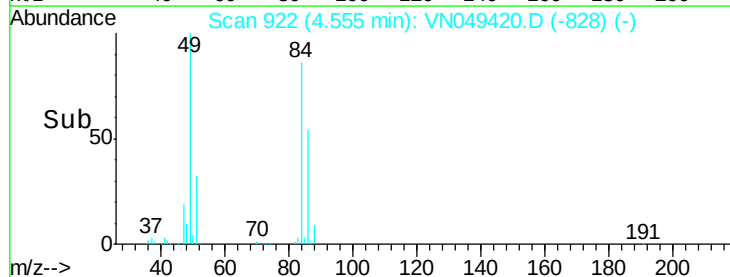
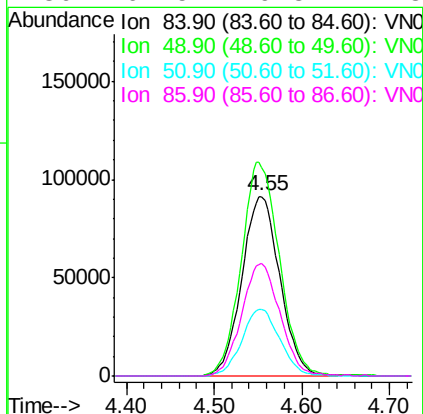
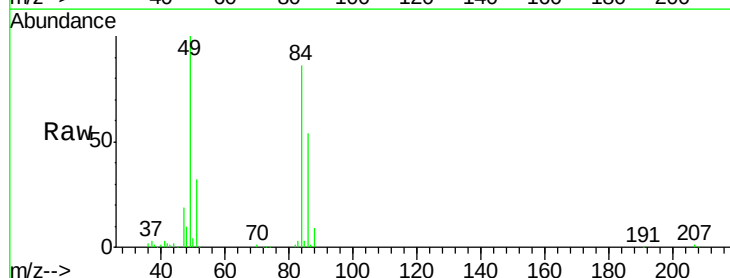
Instrument :
MSVOA_N
ClientSampleId :

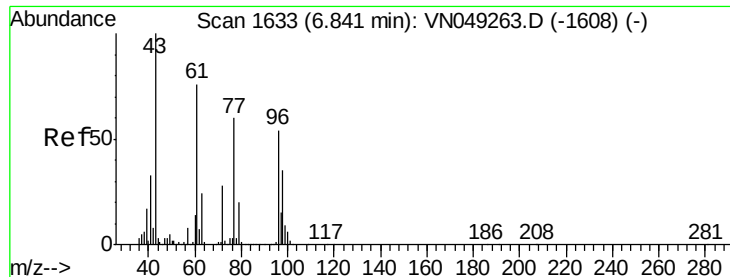
Tot Ion: 43 Resp: 100858
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 18.04 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 84 Resp: 275665
Ion Ratio Lower Upper
84 100
49 116.6 106.9 160.3
51 37.2 32.7 49.1
86 62.5 49.8 74.8

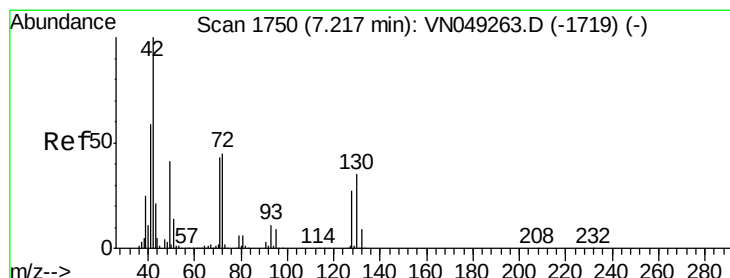
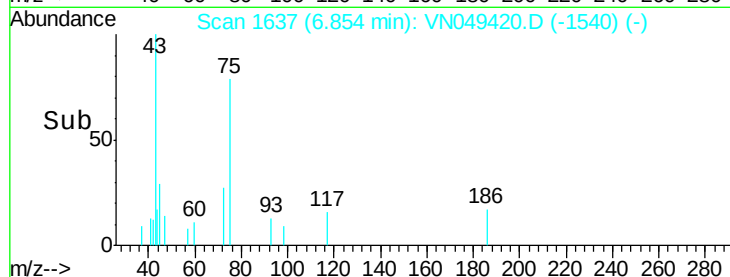
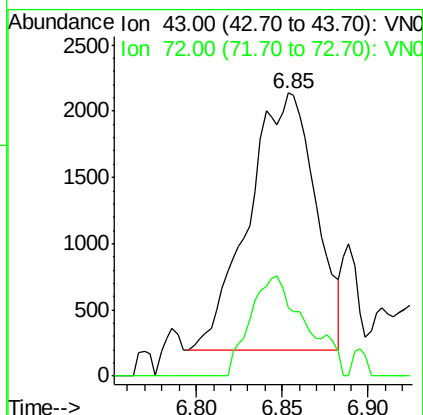
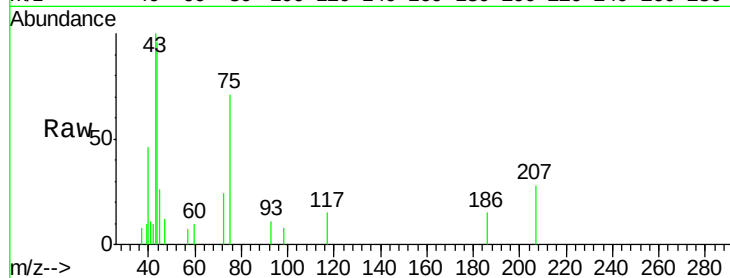




#25
2-Butanone
Concen: 1.07 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

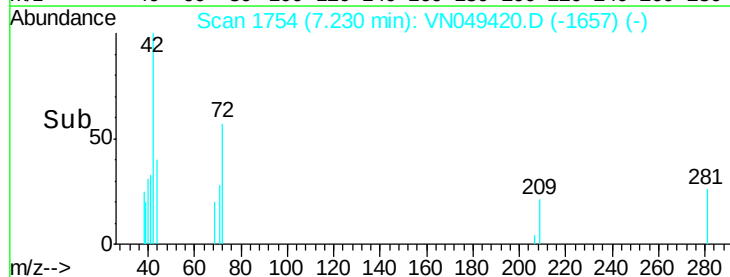
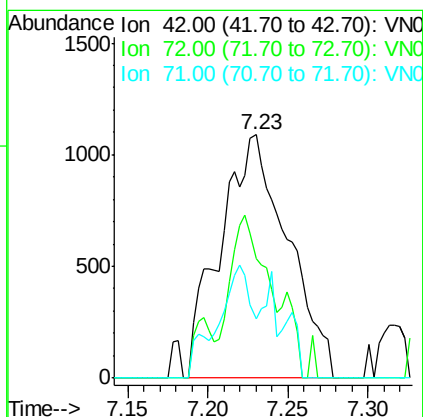
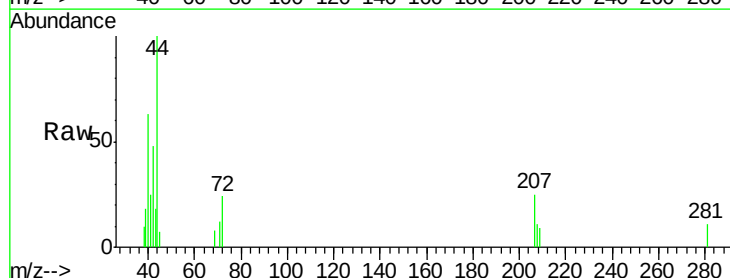
Instrument :
MSVOA_N
ClientSampled :

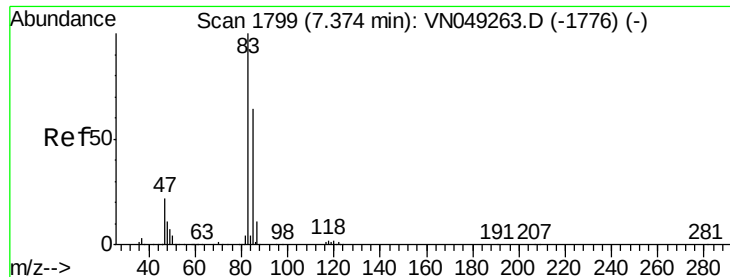
Tot Ion: 43 Resp: 5265
Ion Ratio Lower Upper
43 100
72 26.4 20.2 30.2



#29
Tetrahydrofuran
Concen: 1.00 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 42 Resp: 3161
Ion Ratio Lower Upper
42 100
72 25.6 32.2 48.4#
71 19.2 30.5 45.7#

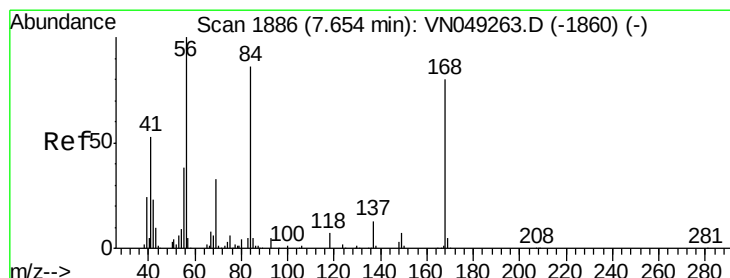
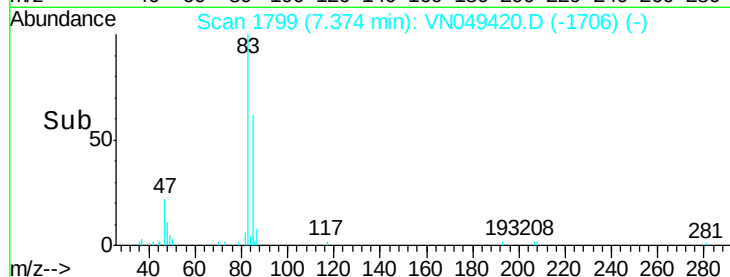
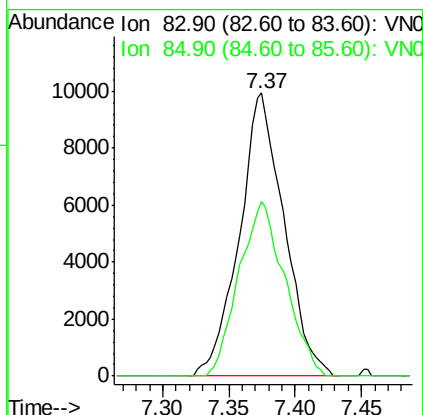
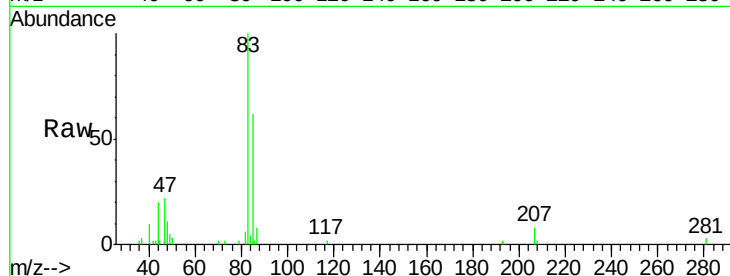




#30
Chloroform
Concen: 0.89 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

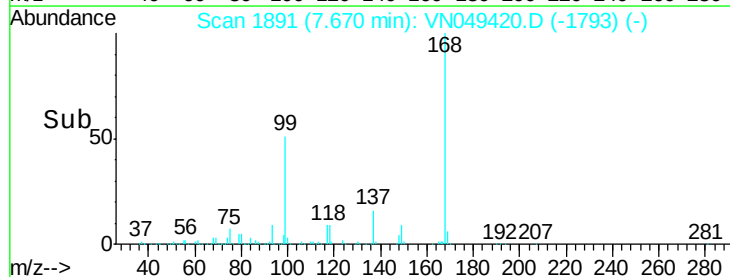
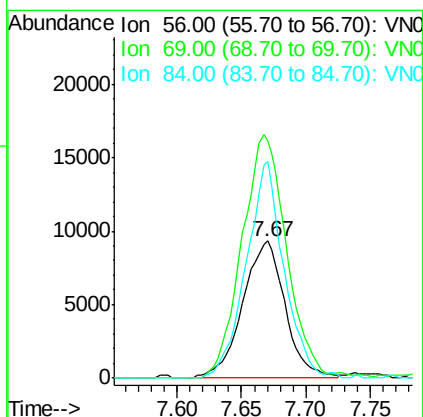
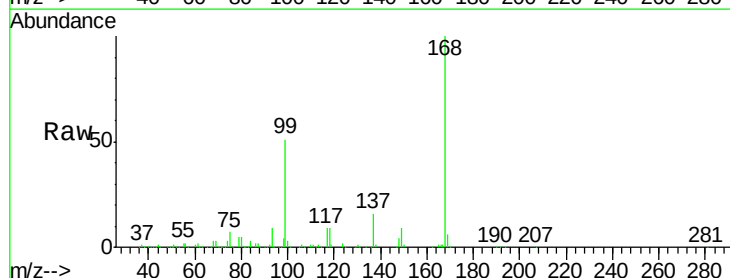
Instrument :
MSVOA_N
ClientSampled :

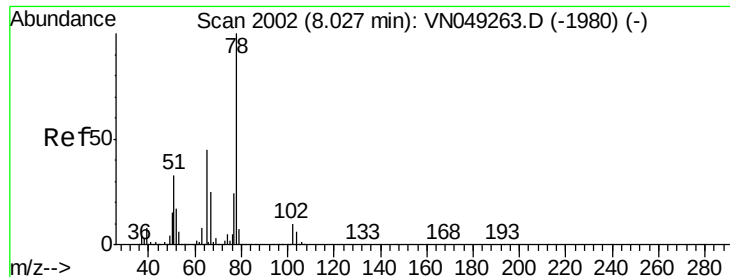
Tot Ion: 83 Resp: 23228
Ion Ratio Lower Upper
83 100
85 61.6 51.7 77.5



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 56 Resp: 21358
Ion Ratio Lower Upper
56 100
69 172.9 25.0 37.4#
84 157.6 64.6 96.8#

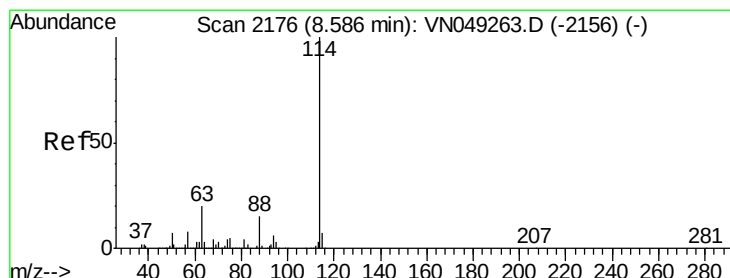
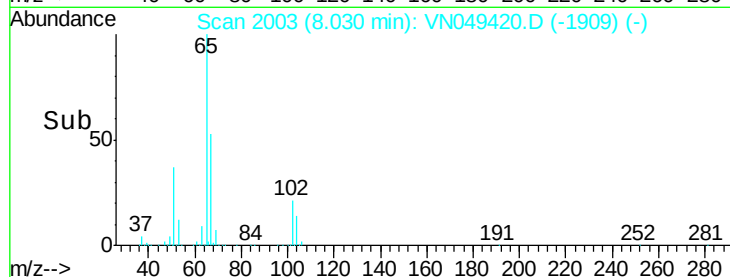
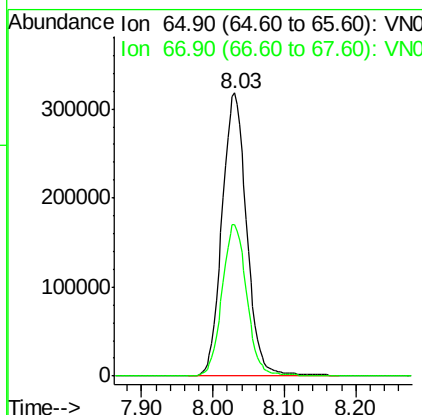
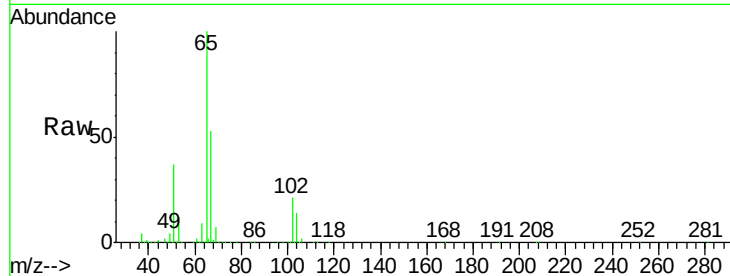




#33
 1,2-Dichloroethane-d4
 Concen: 50.66 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

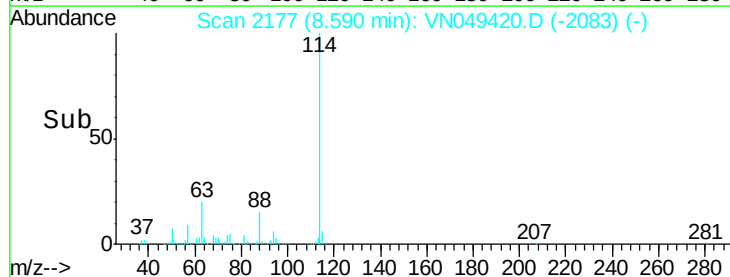
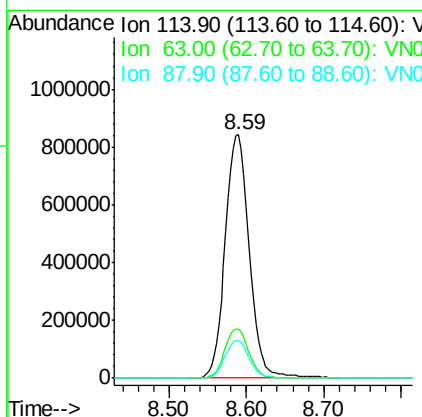
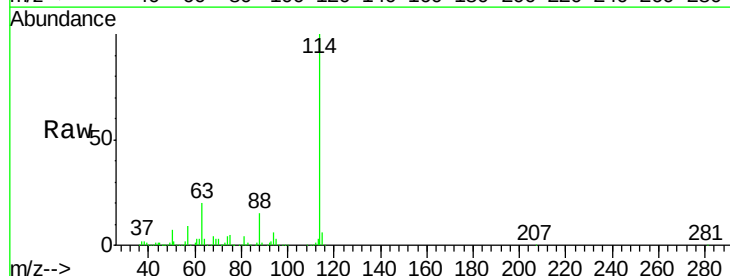
Instrument :
 MSVOA_N
 ClientSampleId :

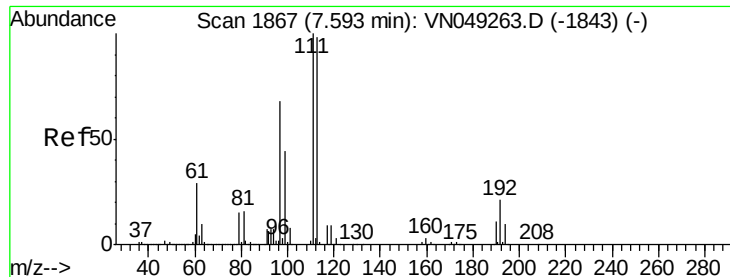
Tot Ion: 65 Resp: 763485
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion: 114 Resp: 1817600
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.5 0.0 31.4

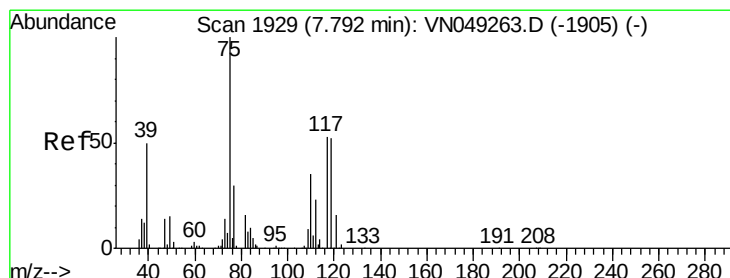
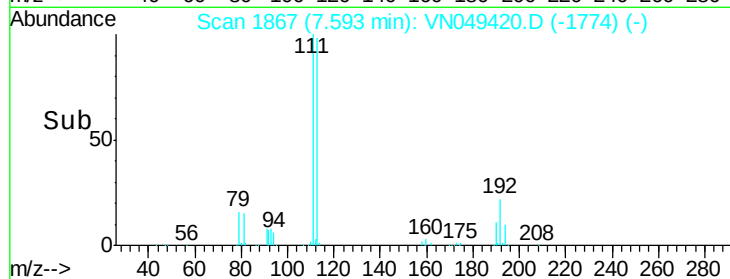
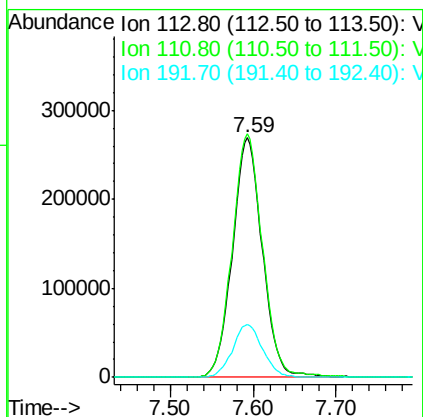
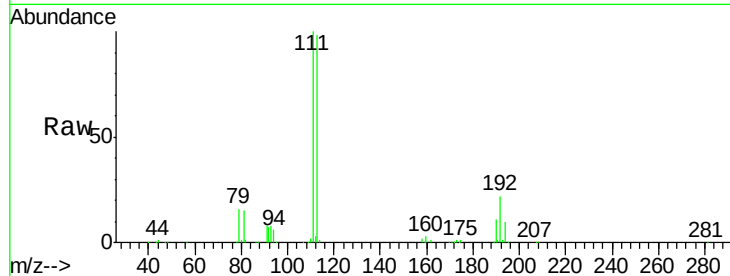




#35
 Dibromofluoromethane
 Concen: 45.95 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

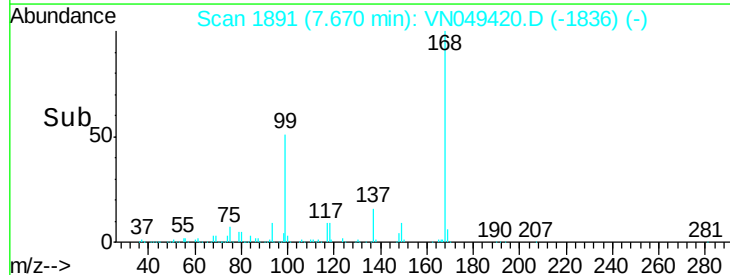
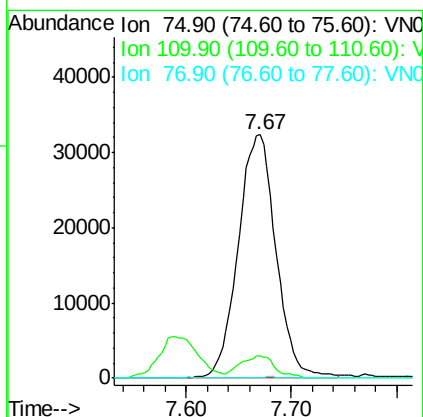
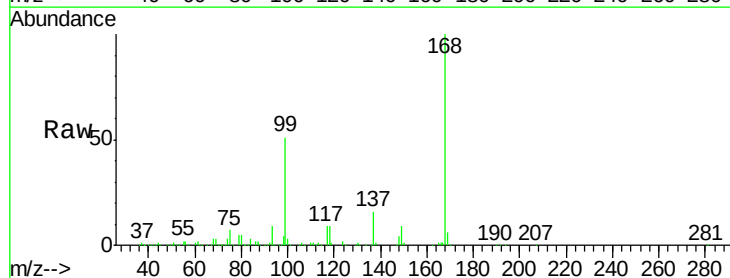
Instrument :
 MSVOA_N
 ClientSampleId :

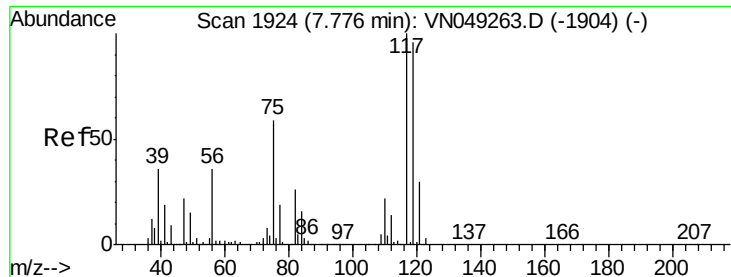
Tot Ion:113 Resp: 675645
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 22.3 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion: 75 Resp: 80747
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.0 50.9#
 77 0.1 24.4 36.6#

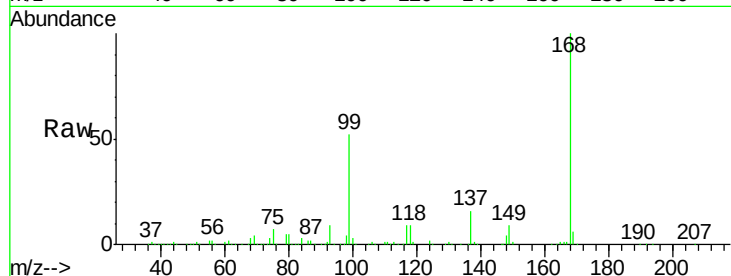




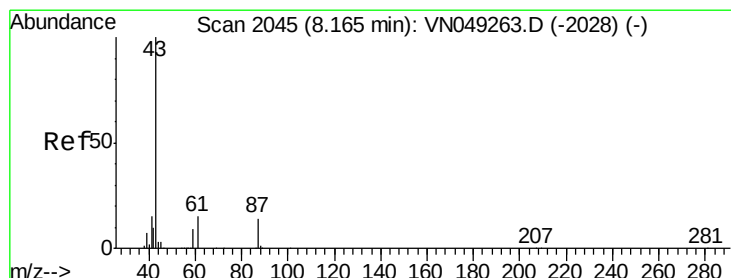
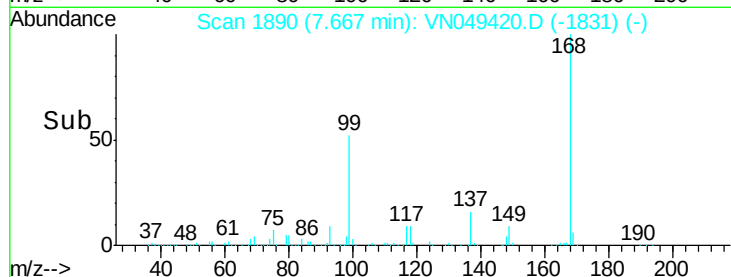
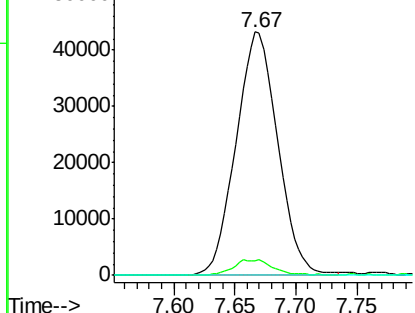
#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 102345
Ion Ratio Lower Upper
117 100
119 6.1 75.6 113.4#
121 0.0 24.7 37.1#

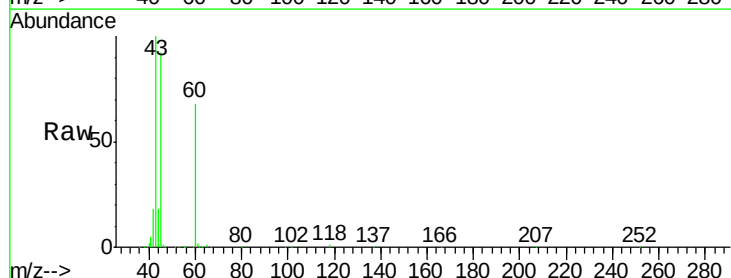


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

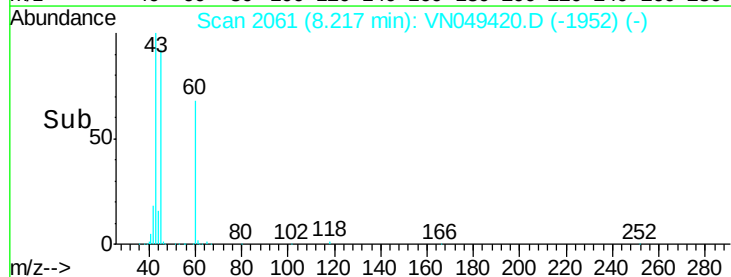
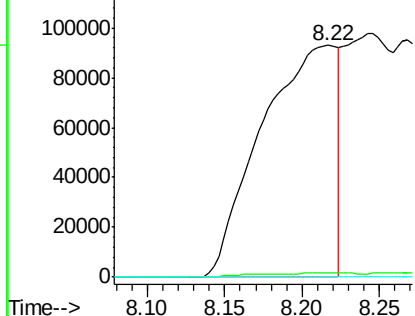


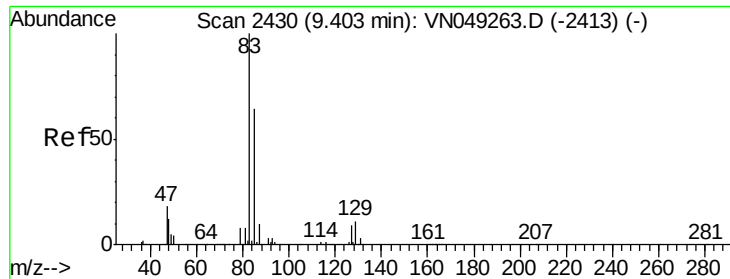
#43
Isopropyl Acetate
Concen: 14.55 ug/l
RT: 8.22 min Scan# 2061
Delta R.T. 0.05 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 43 Resp: 314868
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.38 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

ClientSampled :

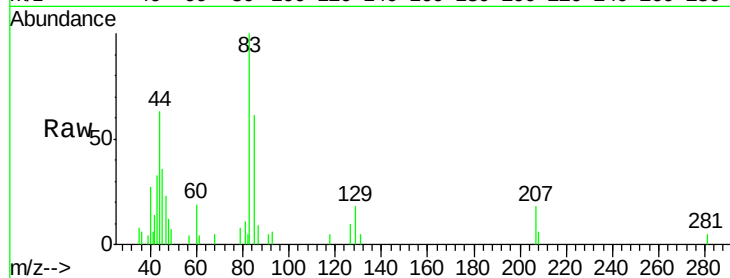
Tot Ion: 83 Resp: 8176

Ion Ratio Lower Upper

83 100

85 60.8 49.4 74.0

127 9.7 6.3 9.5#

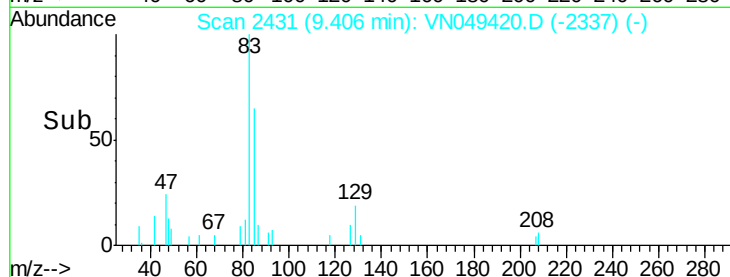


Abundance Ion 82.90 (82.60 to 83.60): VN049420.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049420.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049420.D (-2337) (-)

Time-->

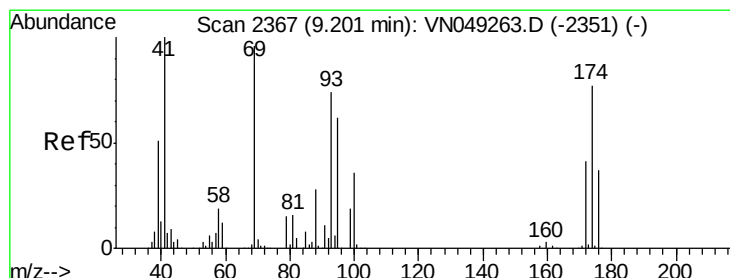


Abundance Ion 82.90 (82.60 to 83.60): VN049420.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049420.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049420.D (-2337) (-)

Time-->



#49

1,4-Dioxane

Concen: 0.84 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.02 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

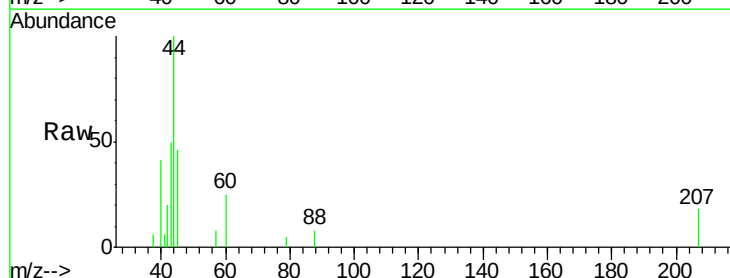
Tgt Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

43 1016.1 30.9 46.3#

58 0.0 58.9 88.3#

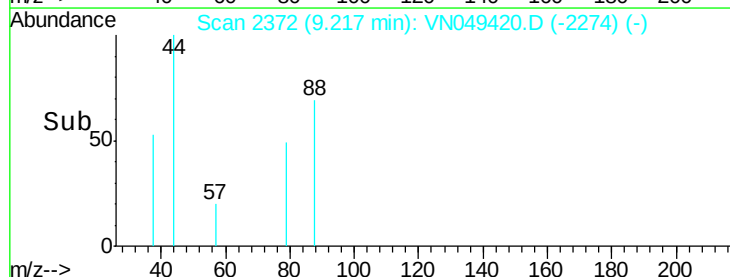


Abundance Ion 88.00 (87.70 to 88.70): VN049420.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049420.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049420.D (-2274) (-)

Time-->

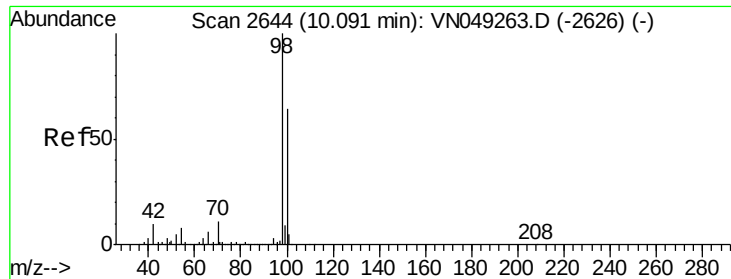


Abundance Ion 88.00 (87.70 to 88.70): VN049420.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049420.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049420.D (-2274) (-)

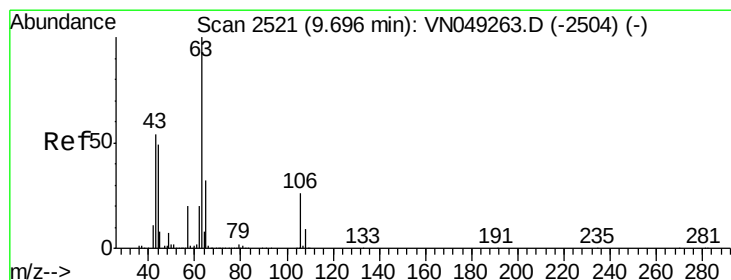
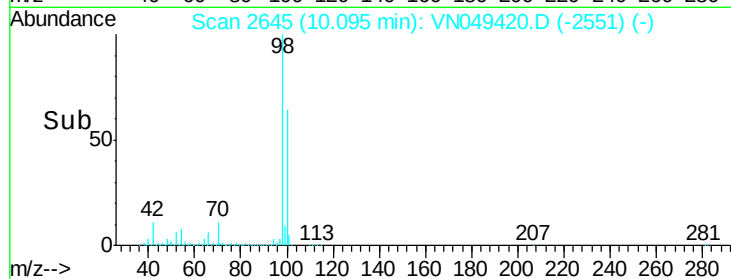
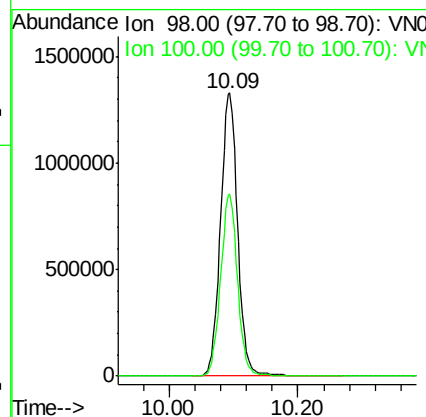
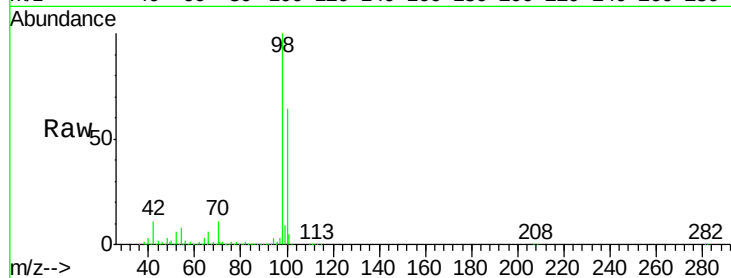
Time-->



#50
Toluene-d8
Concen: 43.98 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

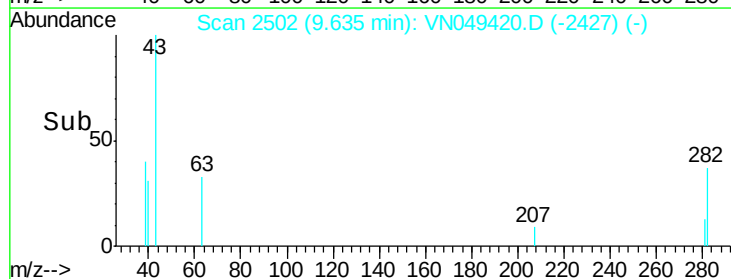
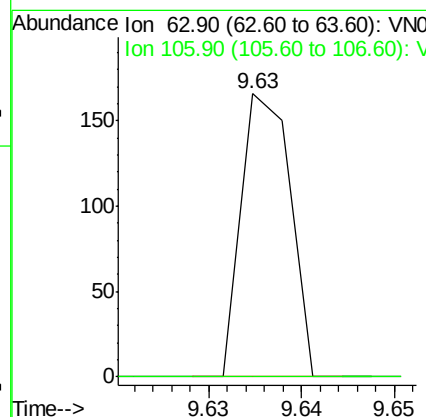
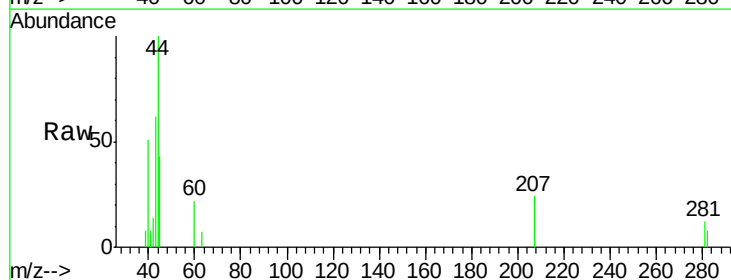
Instrument :
MSVOA_N
ClientSampled :

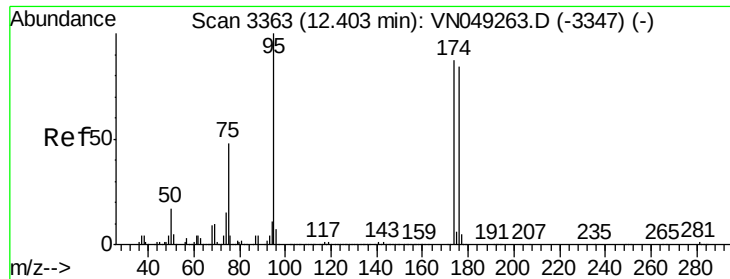
Tot Ion: 98 Resp: 2462519
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



#58
2-Chloroethyl Vinyl ether
Concen: 14.34 ug/l
RT: 9.63 min Scan# 2502
Delta R.T. -0.06 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#

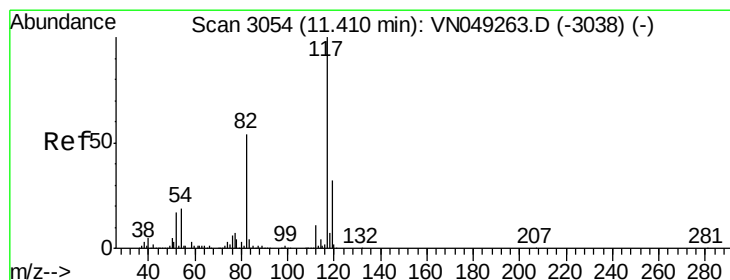
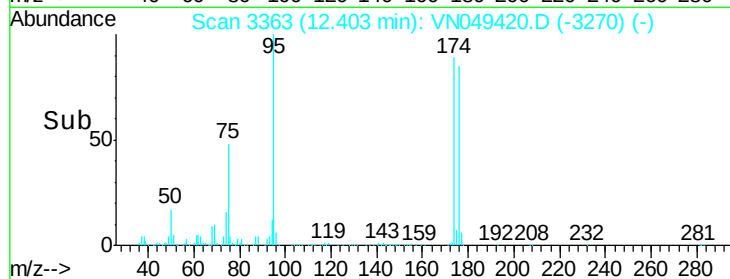
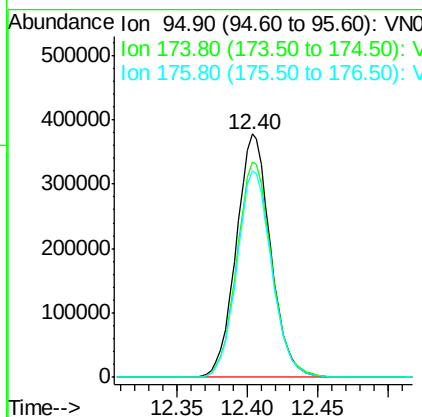
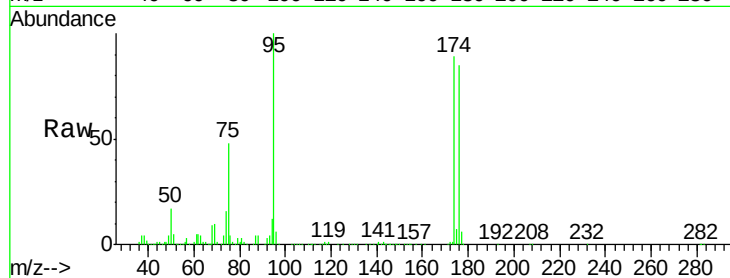




#62
4-Bromofluorobenzene
Concen: 34.84 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

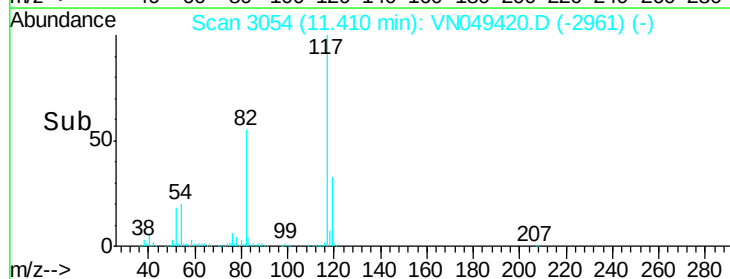
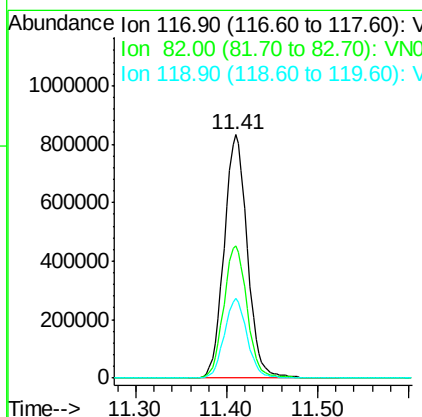
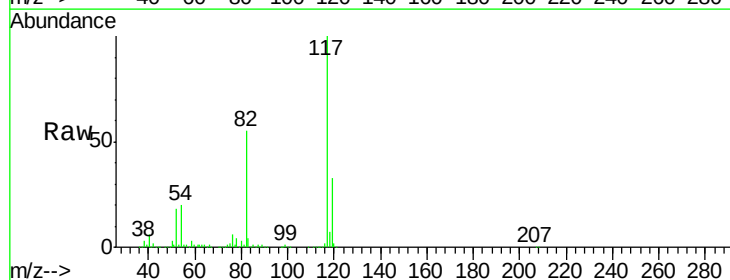
Instrument :
MSVOA_N
ClientSampled :

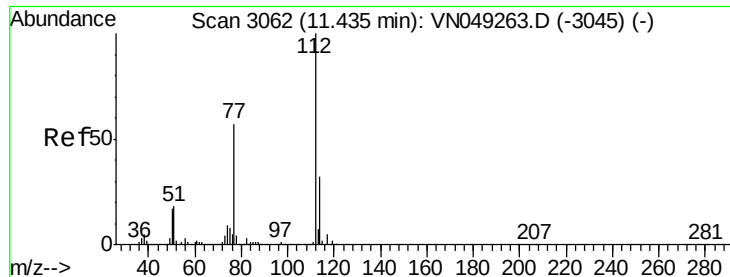
Tot Ion: 95 Resp: 644983
Ion Ratio Lower Upper
95 100
174 90.0 0.0 165.6
176 85.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 117 Resp: 1473263
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.7 25.5 38.3





#65

Chlorobenzene

Concen: 0.33 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

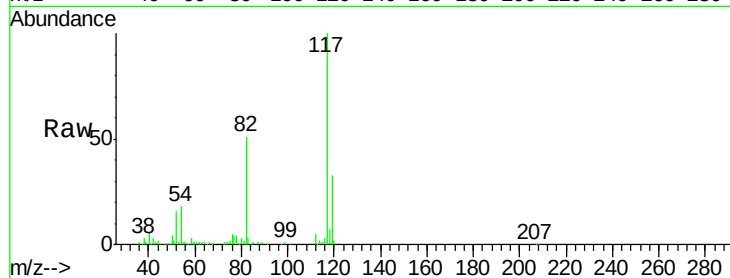
ClientSampleId :

Tot Ion:112 Resp: 12499

Ion Ratio Lower Upper

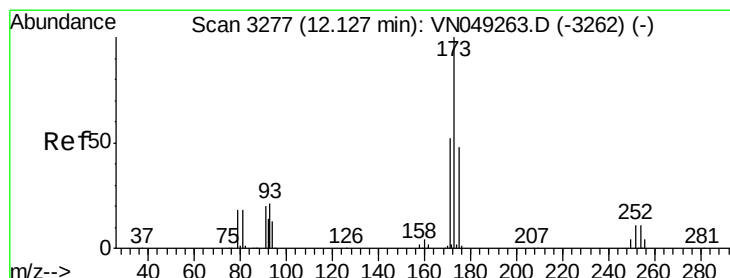
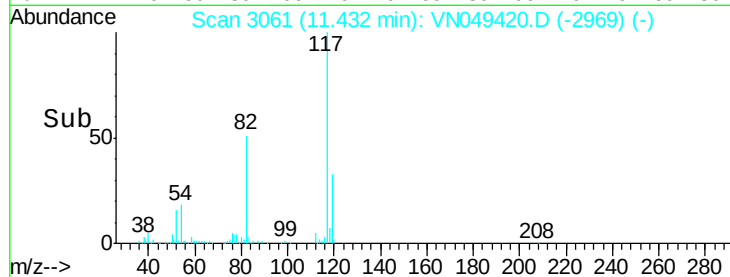
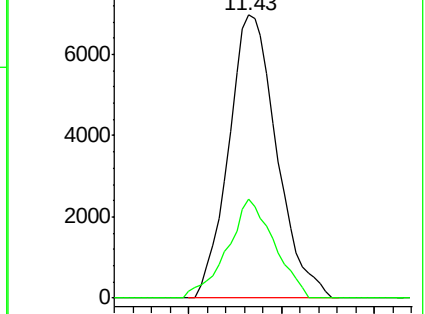
112 100

114 35.0 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: 0.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

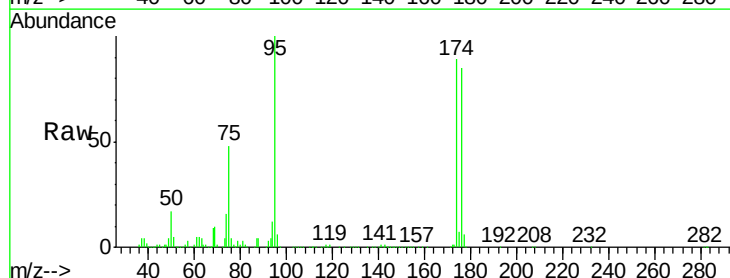
Tgt Ion:173 Resp: 3168

Ion Ratio Lower Upper

173 100

175 1085.1 24.5 73.5#

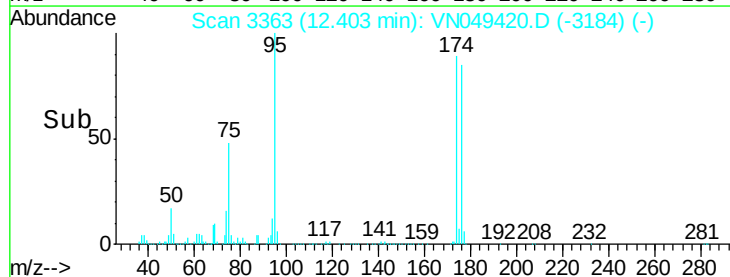
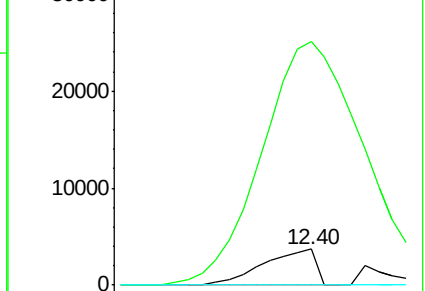
254 0.0 0.1 0.1#

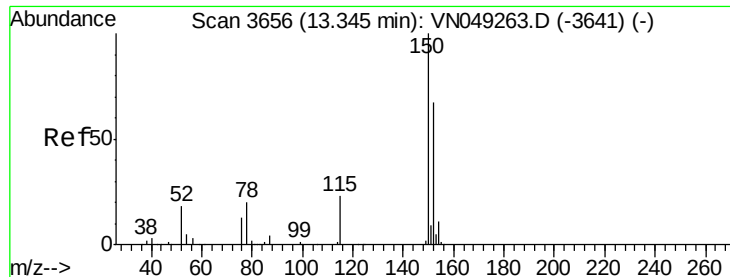


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

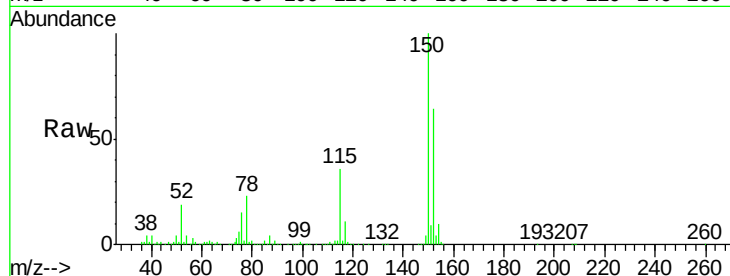




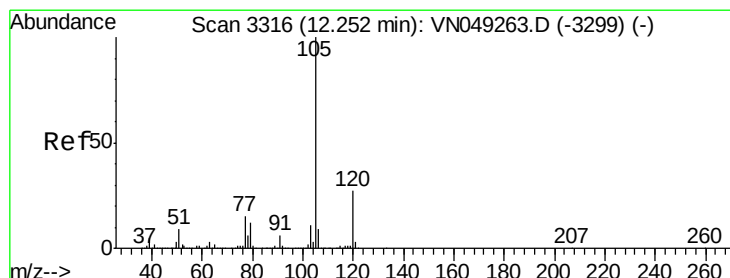
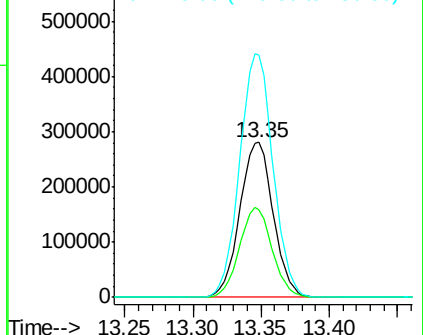
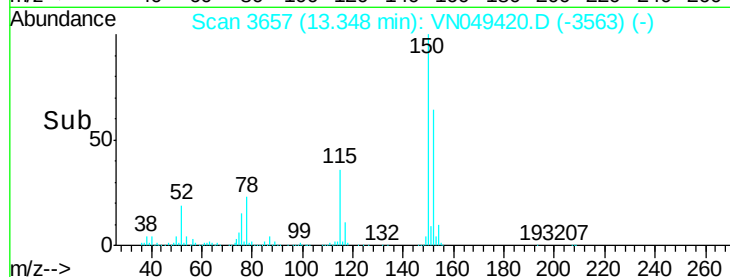
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.7	86.1
150	156.6	0.0	351.0

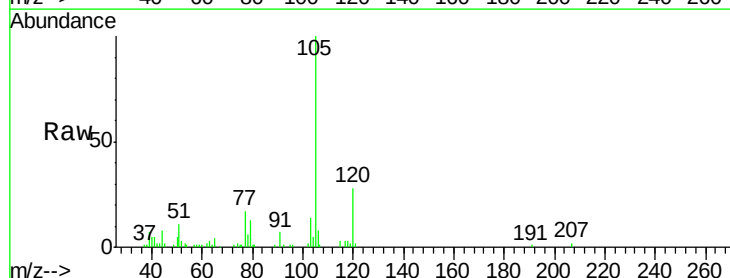


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

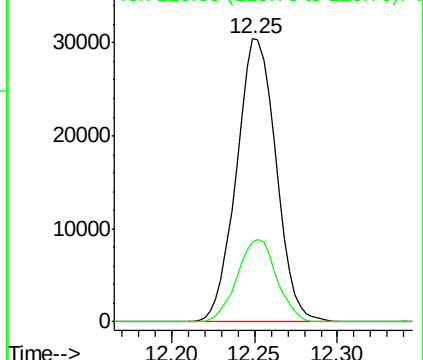
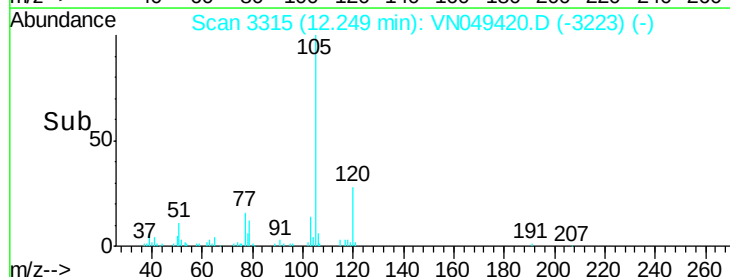


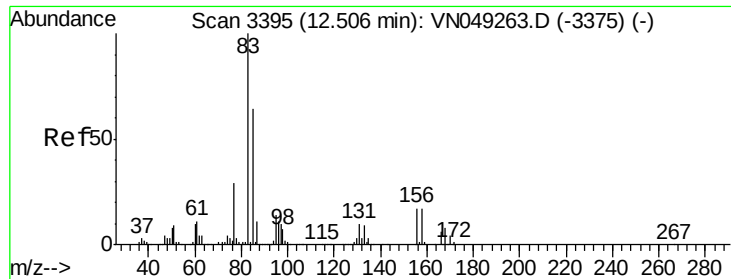
#73
 Isopropylbenzene
 Concen: 1.21 ug/l
 RT: 12.25 min Scan# 3315
 Delta R.T. -0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.0	12.8	38.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

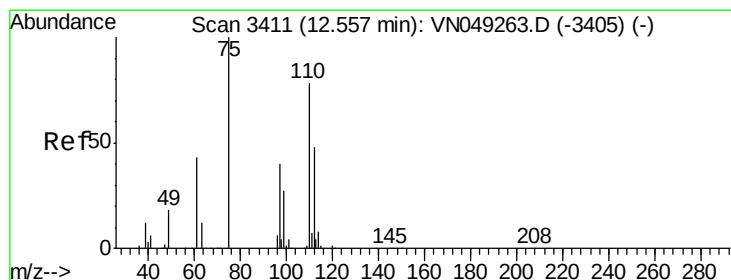
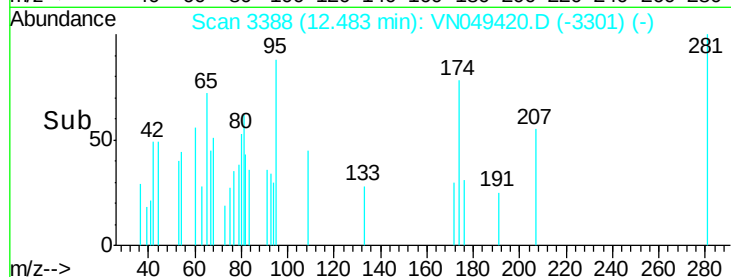
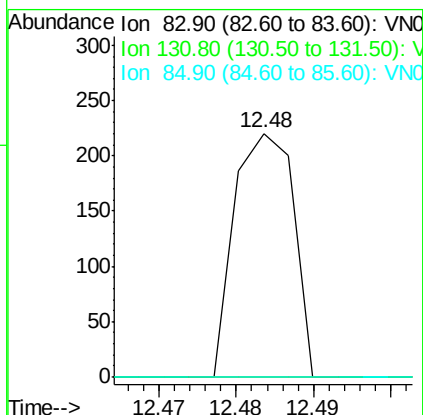
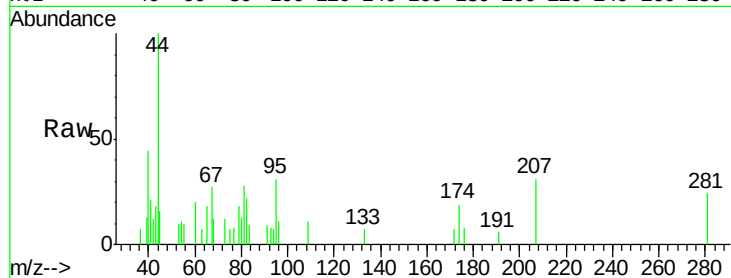




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.48 min Scan# 3388
 Delta R.T. -0.02 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

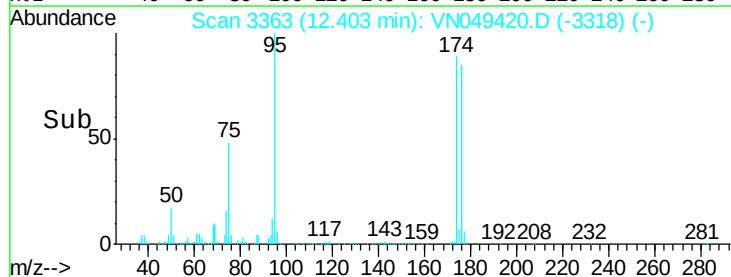
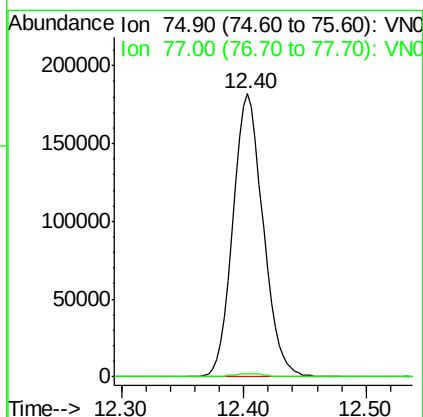
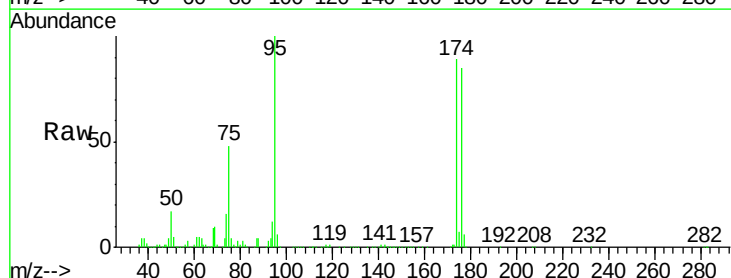
Instrument :
 MSVOA_N
 ClientSampled :

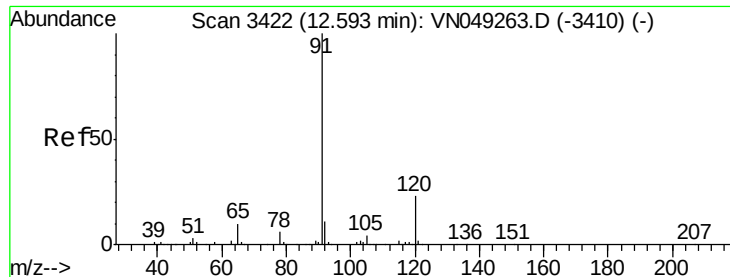
Tot Ion: 83 Resp: 117
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 38.43 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion: 75 Resp: 312876
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 2.93 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

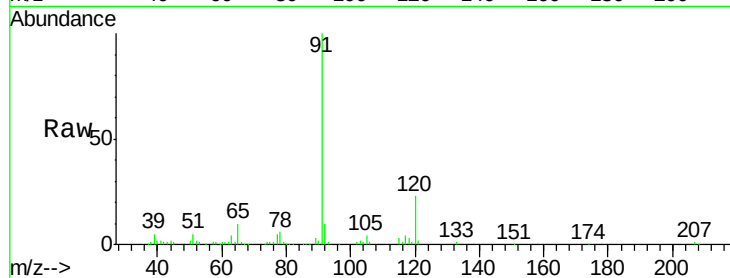
ClientSampleId :

Tot Ion: 91 Resp: 134802

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN049420.D (-3329) (-)

Ion 120.00 (119.70 to 120.70): VN049420.D (-3329) (-)

12.59

80000

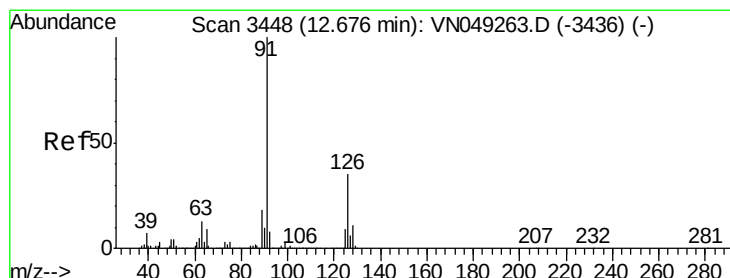
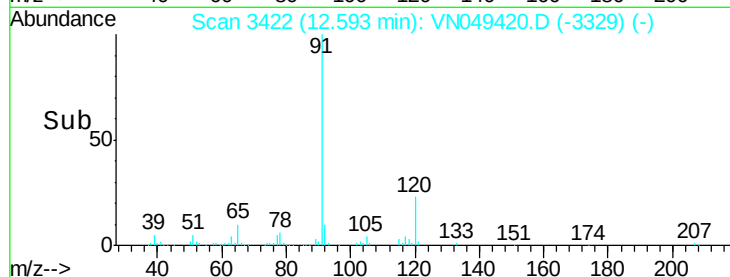
60000

40000

20000

0

Time-->



#79

2-Chlorotoluene

Concen: 4.62 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN049420.D

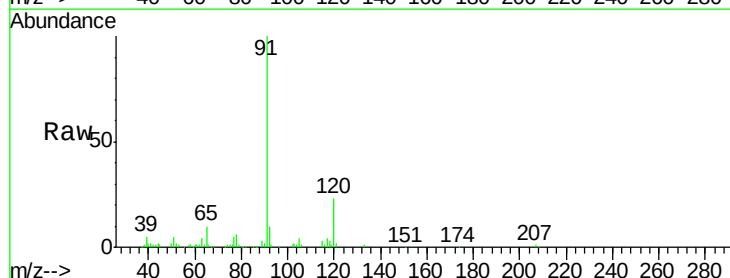
Acq: 20 Jun 2018 7:03

Tgt Ion: 91 Resp: 134802

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN049420.D (-3355) (-)

Ion 125.90 (125.60 to 126.60): VN049420.D (-3355) (-)

12.59

80000

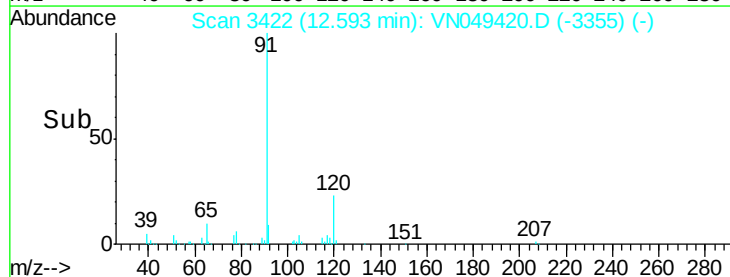
60000

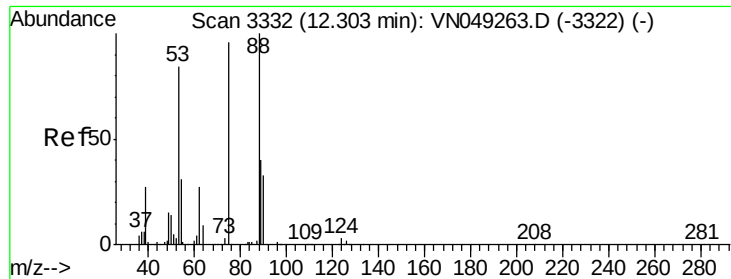
40000

20000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 121.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

ClientSampled :

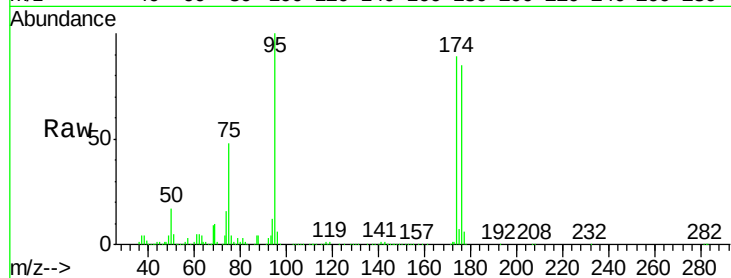
Tot Ion: 75 Resp: 312876

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

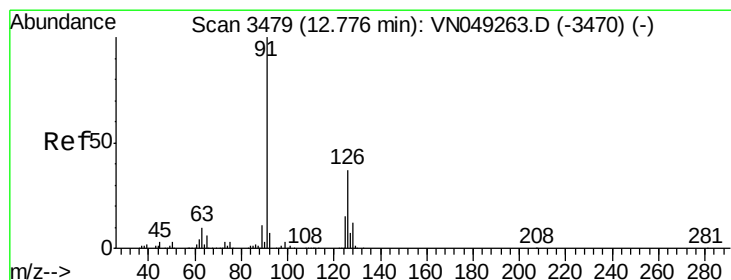
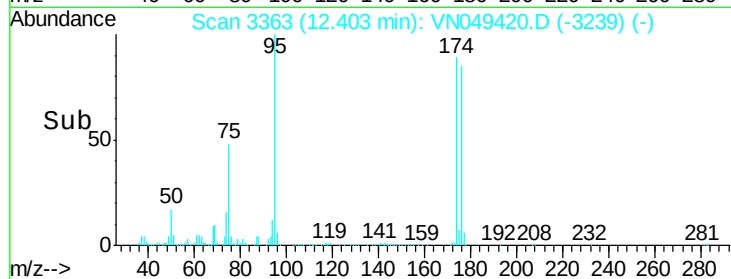
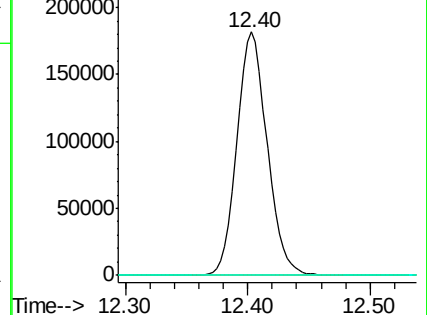
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 4.79 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.18 min

Lab File: VN049420.D

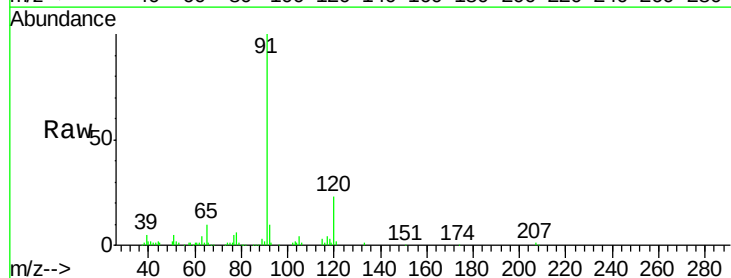
Acq: 20 Jun 2018 7:03

Tgt Ion: 91 Resp: 134802

Ion Ratio Lower Upper

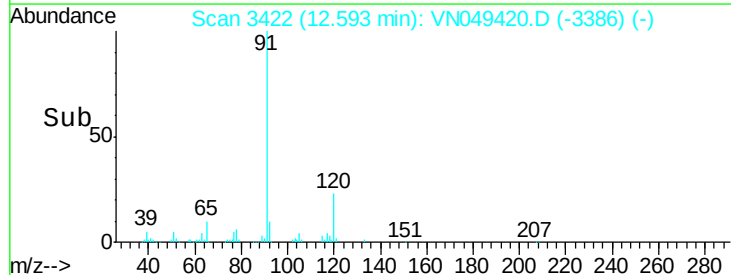
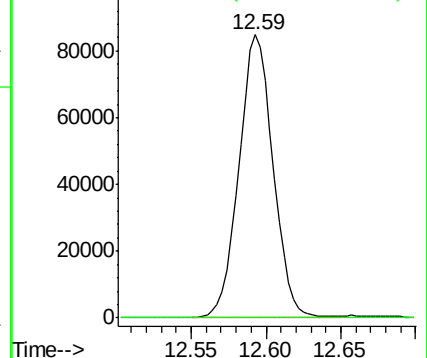
91 100

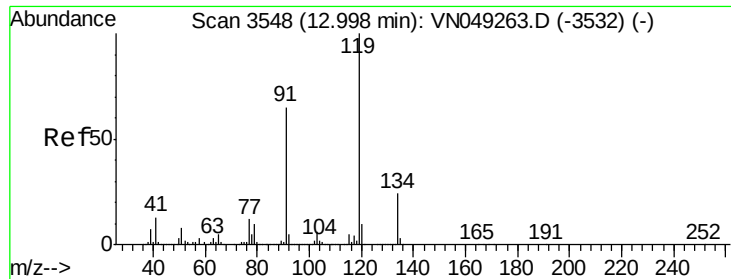
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

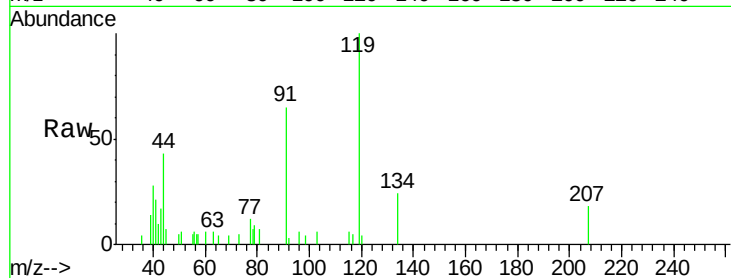




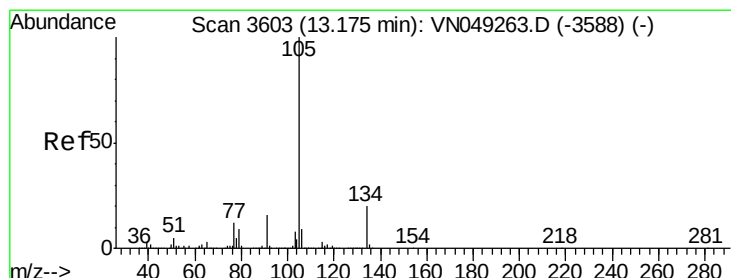
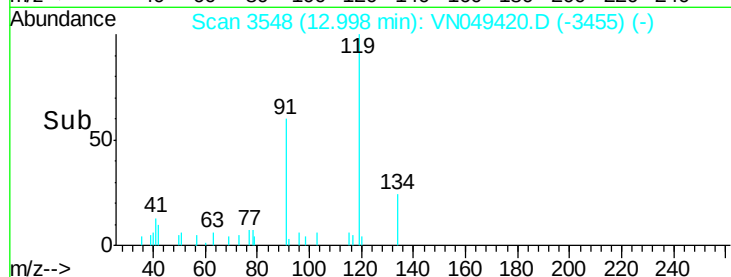
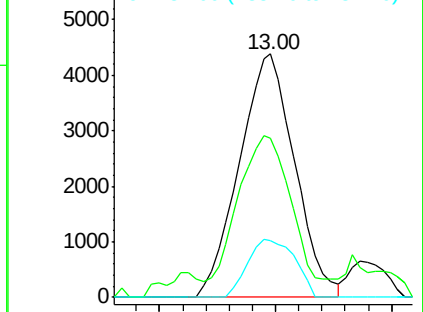
#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 7263
Ion Ratio Lower Upper
119 100
91 65.9 33.7 101.0
134 20.3 12.9 38.6

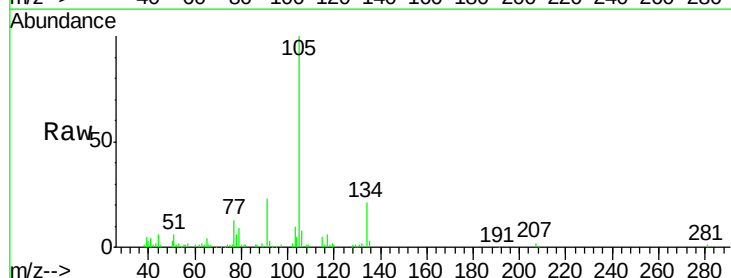


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

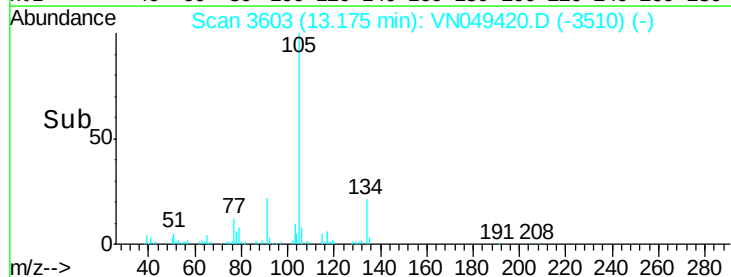
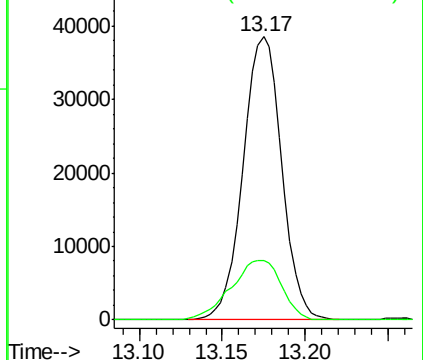


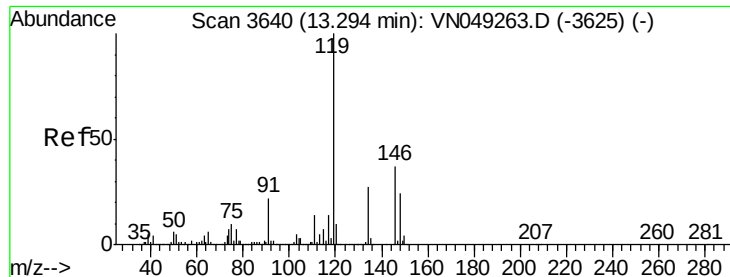
#85
sec-Butylbenzene
Concen: 1.61 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion:105 Resp: 62422
Ion Ratio Lower Upper
105 100
134 27.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

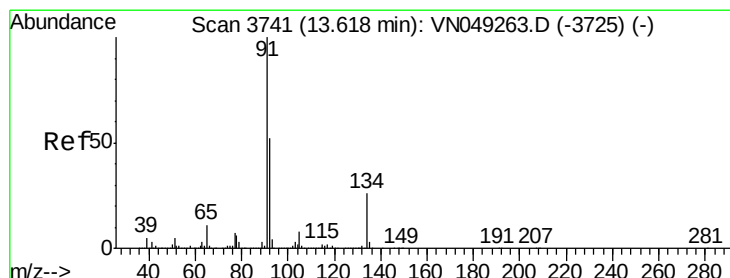
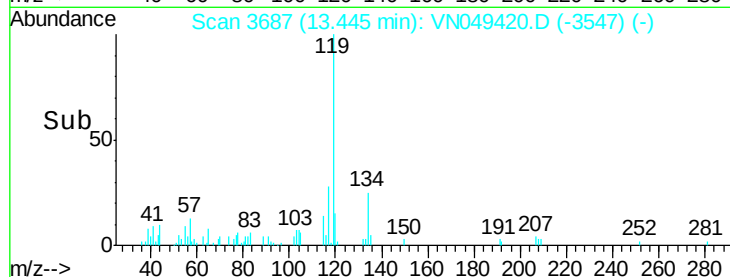
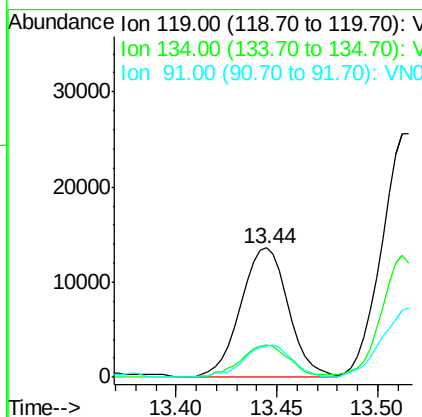
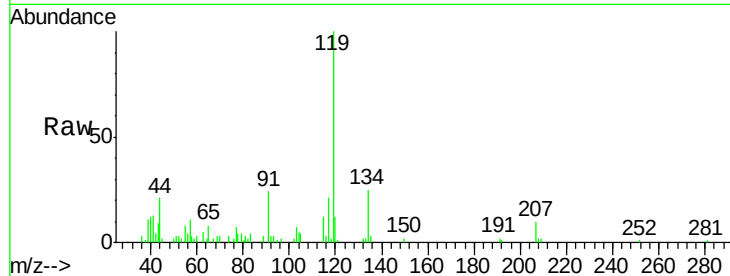




#86
p-Isopropyltoluene
Concen: 0.70 ug/l
RT: 13.44 min Scan# 3687
Delta R.T. 0.15 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

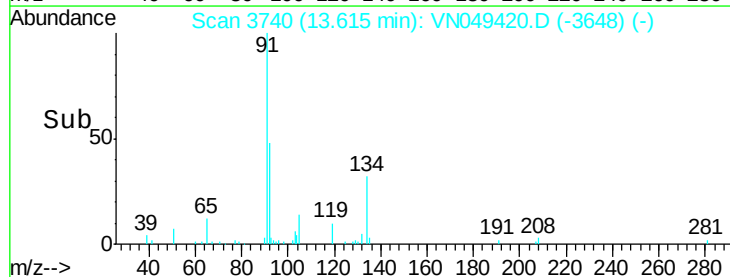
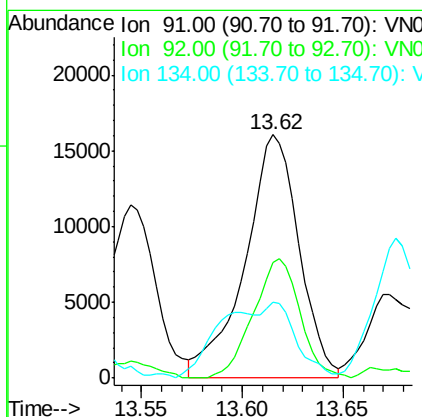
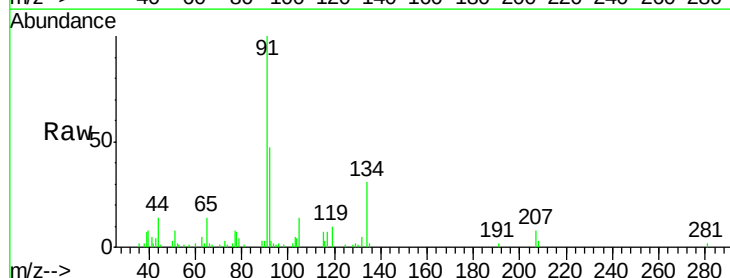
Instrument :
MSVOA_N
ClientSampled :

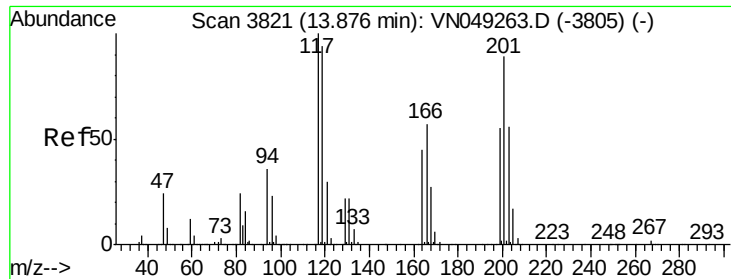
Tot Ion:119 Resp: 22598
Ion Ratio Lower Upper
119 100
134 25.3 12.9 38.6
91 25.4 12.1 36.3



#89
n-Butylbenzene
Concen: 1.18 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049420.D
Acq: 20 Jun 2018 7:03

Tgt Ion: 91 Resp: 29954
Ion Ratio Lower Upper
91 100
92 42.5 25.1 75.4
134 0.0 12.0 36.0#





#90

Hexachloroethane

Concen: 2.34 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

Instrument :

MSVOA_N

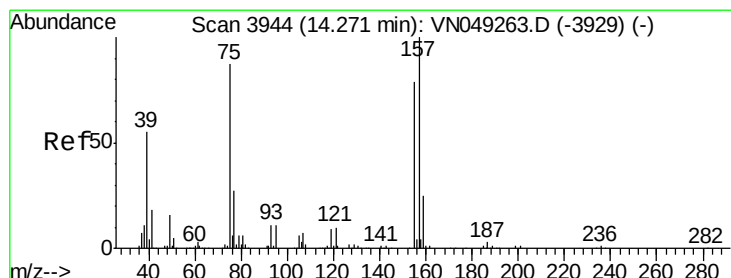
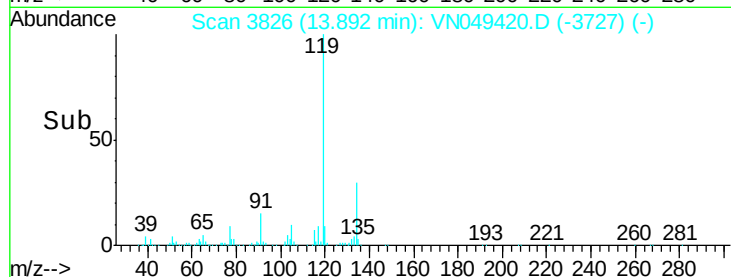
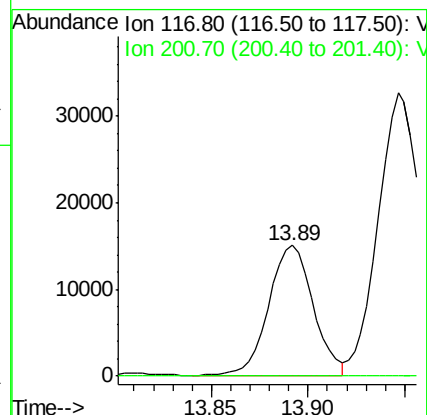
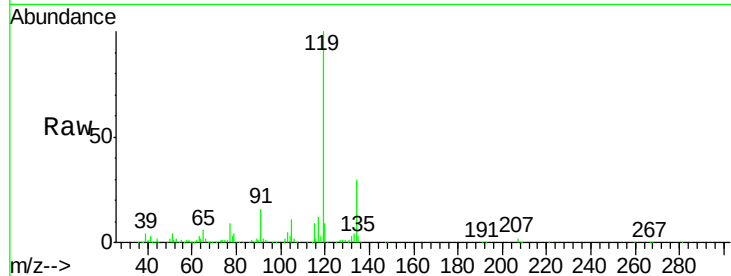
ClientSampled :

Tot Ion:117 Resp: 24312

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN049420.D

Acq: 20 Jun 2018 7:03

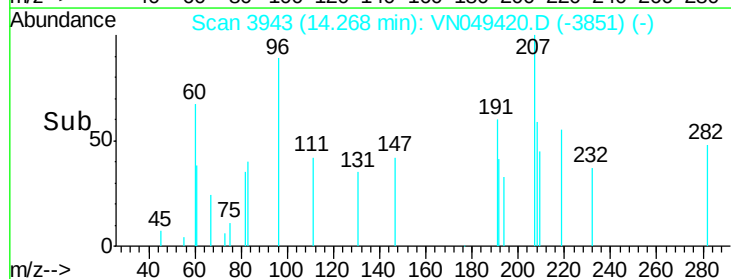
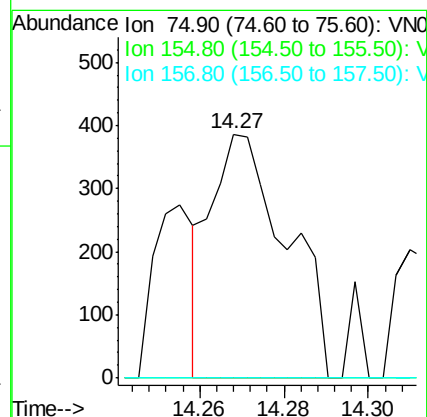
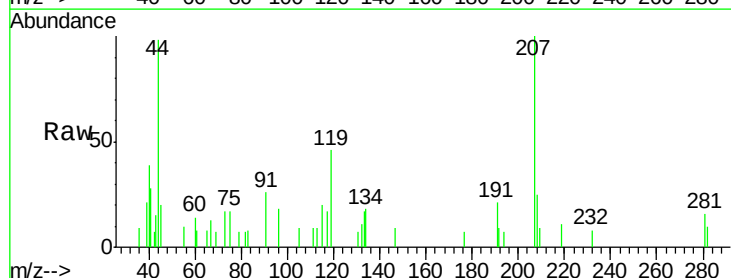
Tgt Ion: 75 Resp: 479

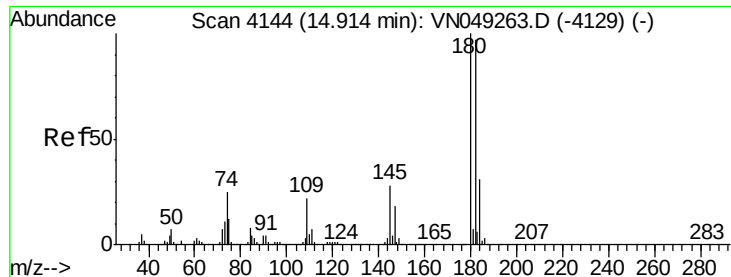
Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#

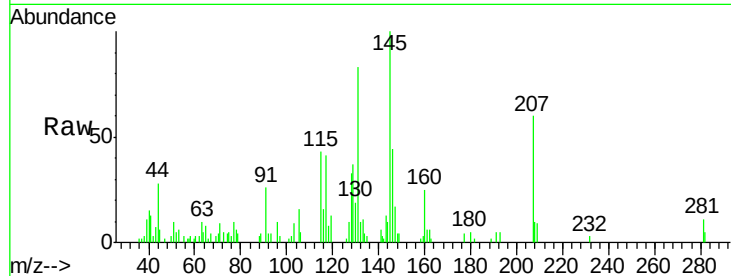




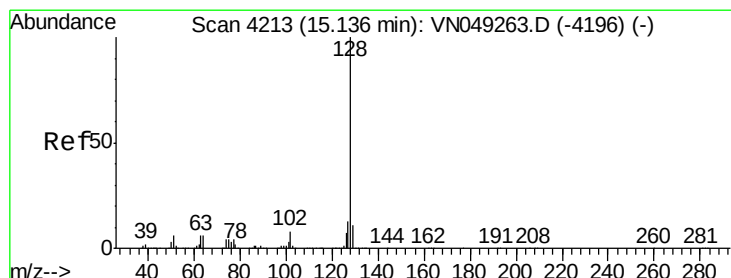
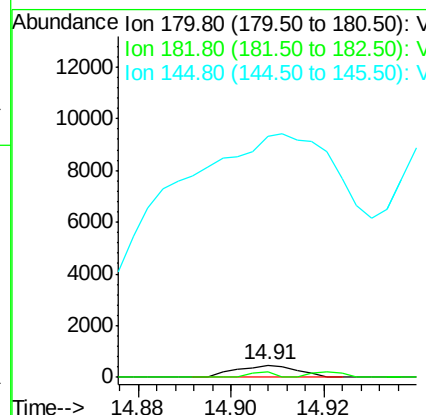
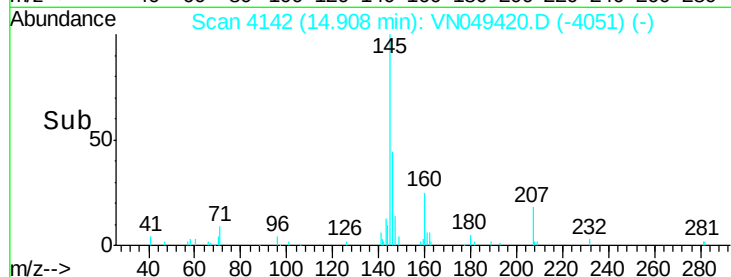
#93
 1,2,4-Trichlorobenzene
 Concen: 4.79 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 432
 Ion Ratio Lower Upper
 180 100
 182 16.9 46.9 140.8#
 145 6425.7 14.7 44.1#

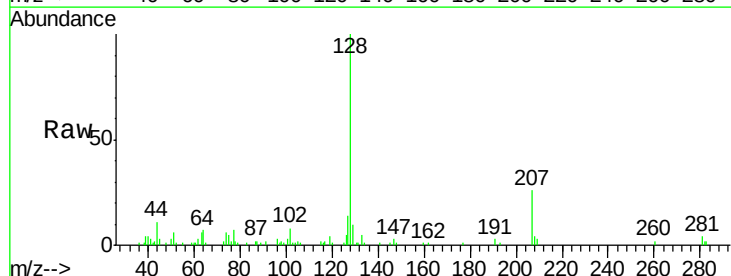


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

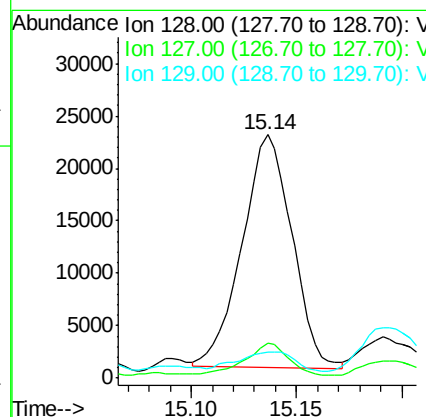
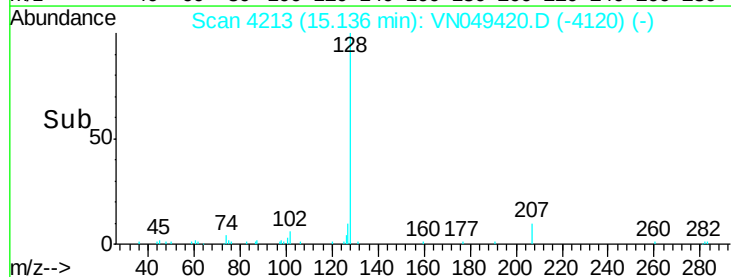


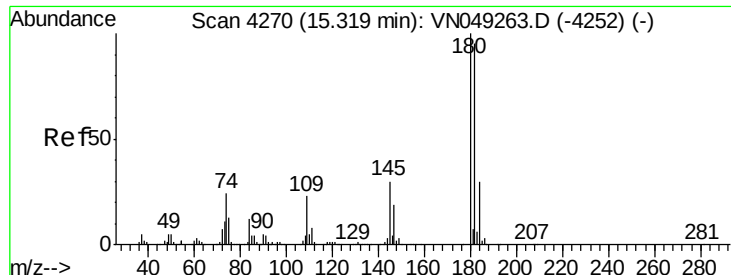
#95
 Naphthalene
 Concen: 4.82 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Tgt Ion:128 Resp: 36563
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.6 16.0
 129 12.2 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.51 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: VN049420.D
 Acq: 20 Jun 2018 7:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 417
 Ion Ratio Lower Upper
 180 100
 182 67.6 47.3 141.8
 145 2640.5 15.6 46.7#

