

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049575.D
 Acq On : 27 Jun 2018 16:31
 Operator : MD\SY
 Sample : PB110627ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 17:24:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1088776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1743481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1410252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	514516	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	720864	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
35) Dibromofluoromethane	7.59	113	605943	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	
50) Toluene-d8	10.09	98	2324649	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	12.40	95	640406	36.06	ug/l	0.00
Spiked Amount			Recovery	=	72.12%	

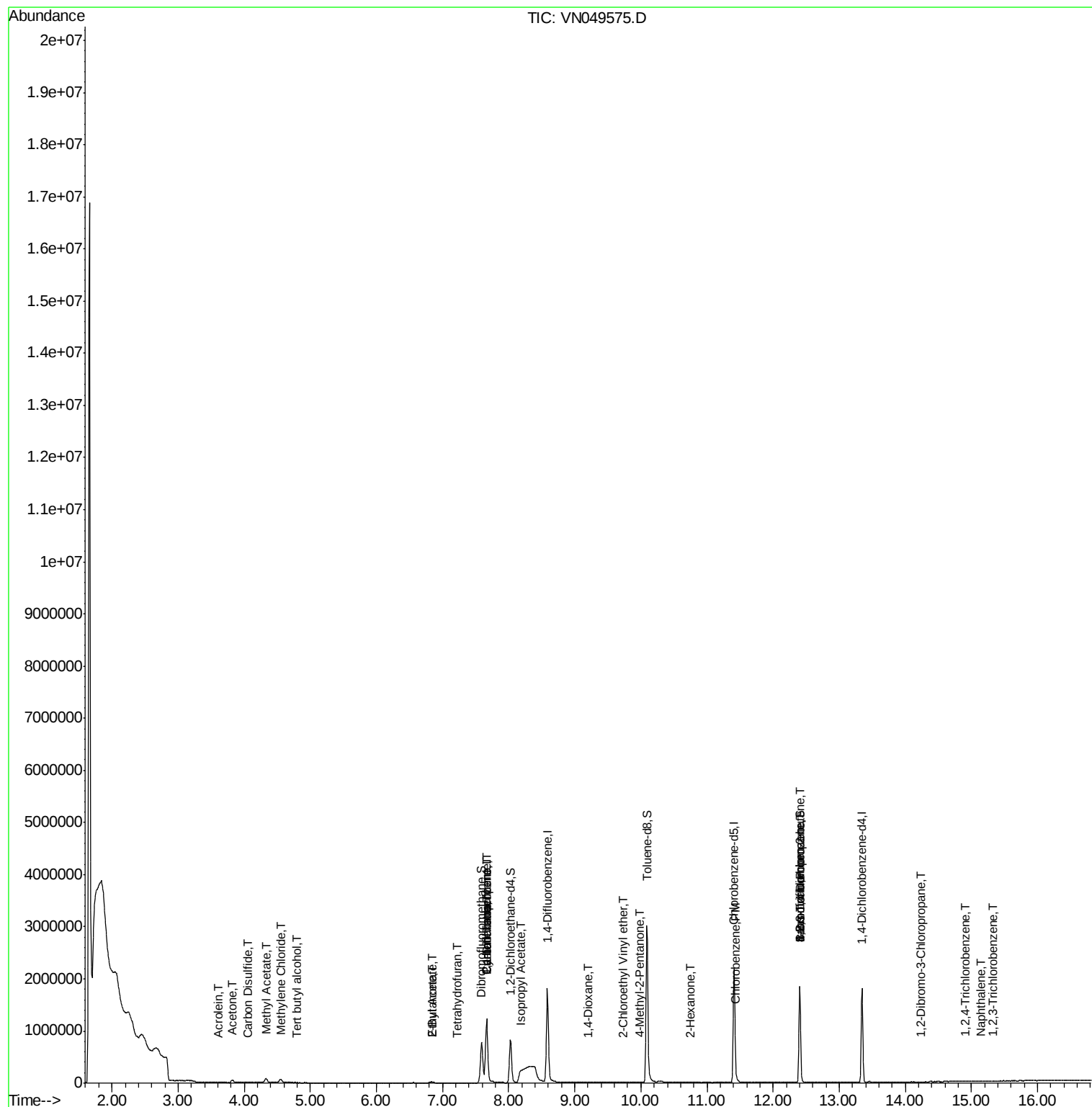
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	208	0.25	ug/l #	1
13) Acrolein	3.61	56	2456	2.76	ug/l #	49
16) Acetone	3.82	43	99029	28.24	ug/l #	88
17) Carbon Disulfide	4.06	76	8413	0.22	ug/l #	56
18) Methyl Acetate	4.33	43	142727	13.35	ug/l	95
20) Methylene Chloride	4.55	84	46252	3.16	ug/l	86
25) 2-Butanone	6.85	43	9831	2.09	ug/l	96
29) Tetrahydrofuran	7.23	42	990	0.33	ug/l #	58
31) Cyclohexane	7.66	56	19860	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	73188	3.66	ug/l #	50
37) Ethyl Acetate	6.85	43	9531	0.88	ug/l #	70
38) Carbon Tetrachloride	7.66	117	96828	4.68	ug/l #	17
43) Isopropyl Acetate	8.18	43	147243	7.09	ug/l #	64
49) 1,4-Dioxane	9.21	88	428	3.17	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	7890	0.73	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.72	63	67	14.34	ug/l #	51
59) 2-Hexanone	10.75	43	1813	0.26	ug/l	93
65) Chlorobenzene	11.44	112	18624	0.51	ug/l	97
71) Bromoform	12.40	173	5011	0.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	65	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	309818	35.29	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	309818	111.54	ug/l #	9
90) Hexachloroethane	13.84	117	65	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.24	75	579	0.37	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	1054	4.85	ug/l #	57
94) Hexachlorobutadiene	15.00	225	29	Below Cal	#	18
95) Naphthalene	15.13	128	3382	2.32	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	976	3.56	ug/l #	41

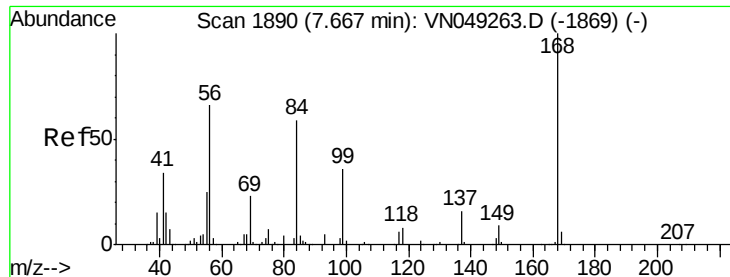
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062718\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

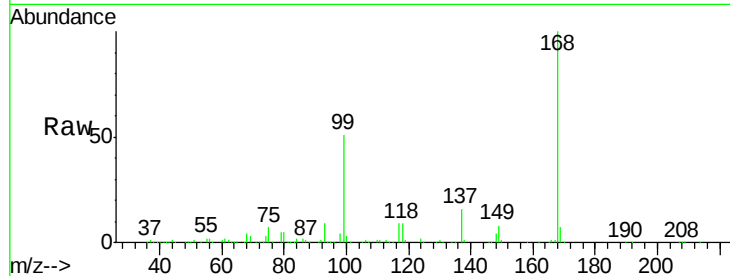
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1088776

Ion Ratio Lower Upper

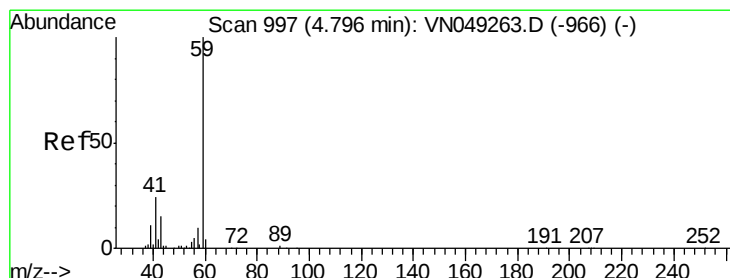
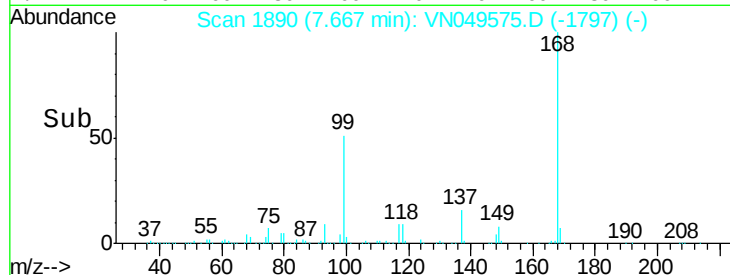
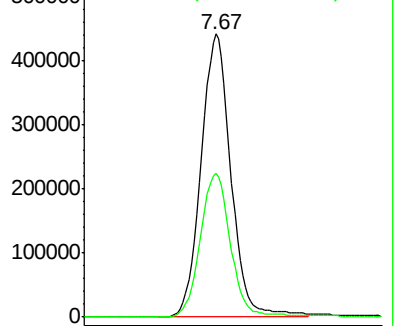
168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.25 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.00 min

Lab File: VN049575.D

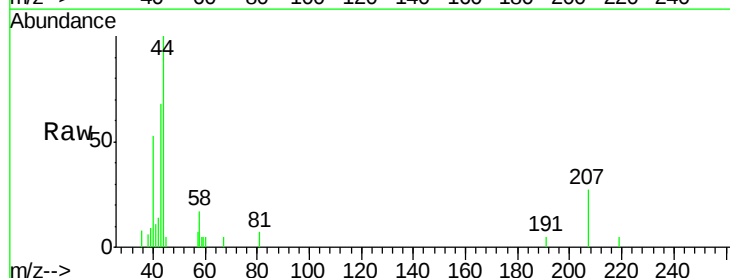
Acq: 27 Jun 2018 16:31

Tgt Ion: 59 Resp: 208

Ion Ratio Lower Upper

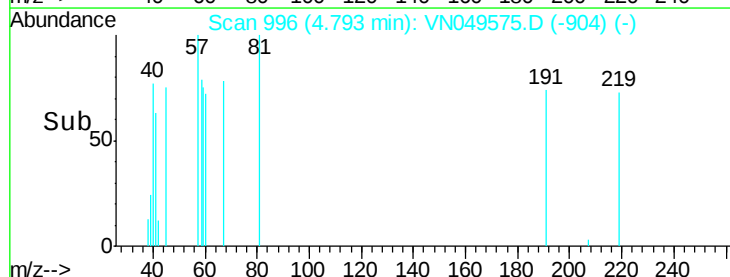
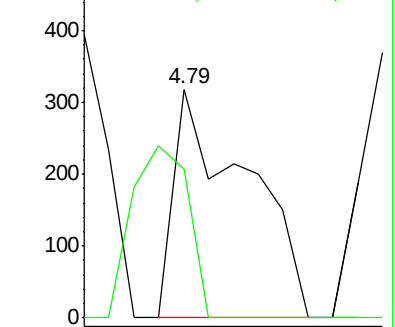
59 100

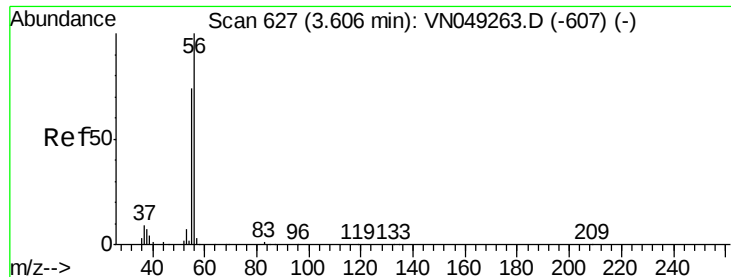
57 58.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 2.76 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

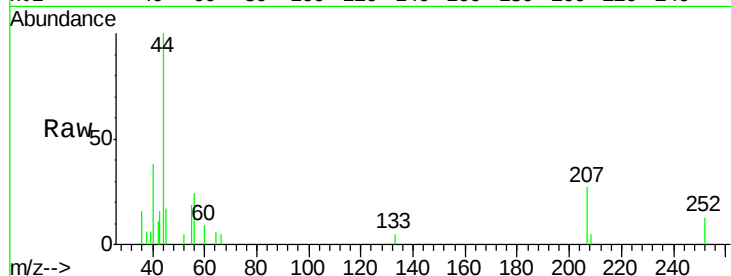
ClientSampled :

Tot Ion: 56 Resp: 2456

Ion Ratio Lower Upper

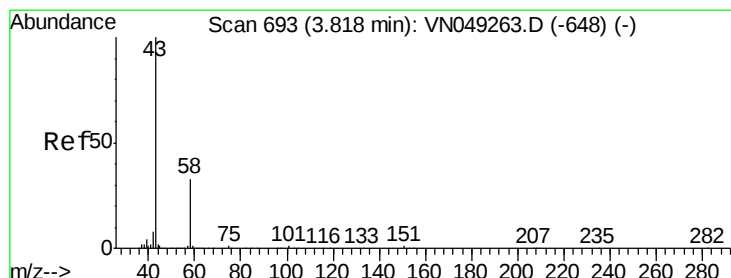
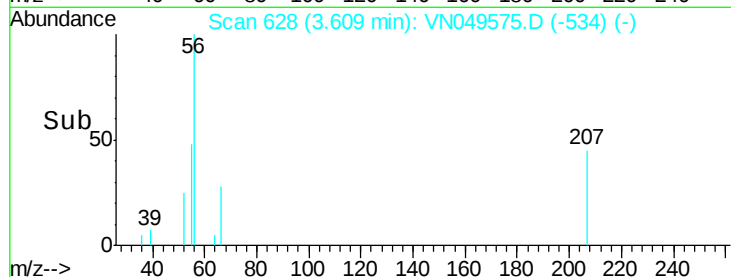
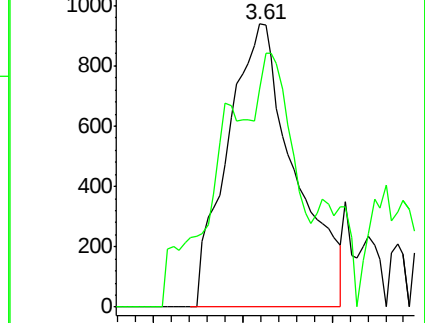
56 100

55 29.4 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: 28.24 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049575.D

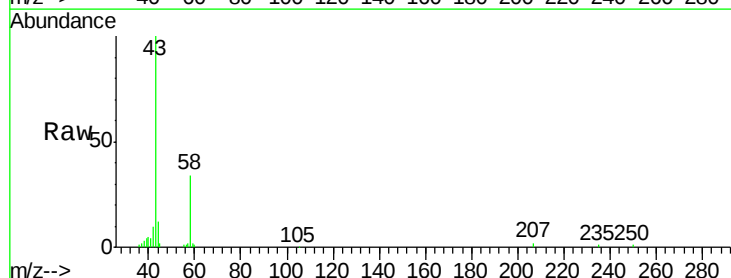
Acq: 27 Jun 2018 16:31

Tgt Ion: 43 Resp: 99029

Ion Ratio Lower Upper

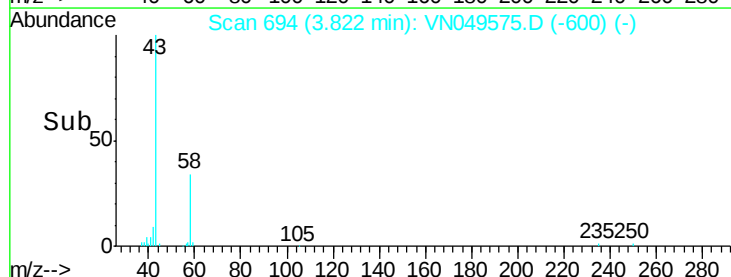
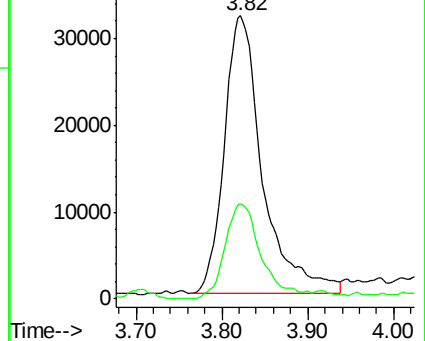
43 100

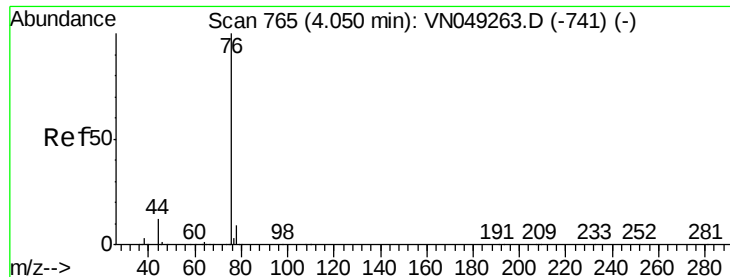
58 34.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

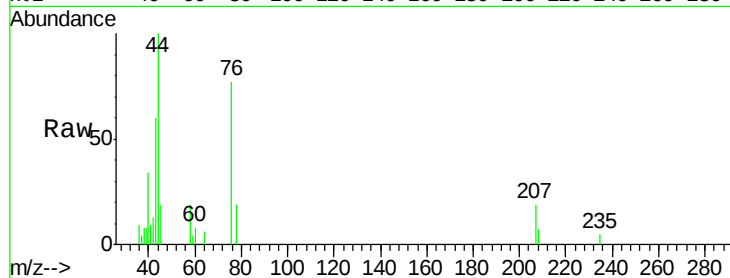
ClientSampleId :

Tot Ion: 76 Resp: 8413

Ion Ratio Lower Upper

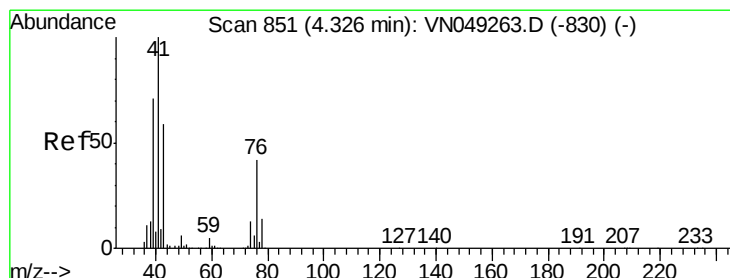
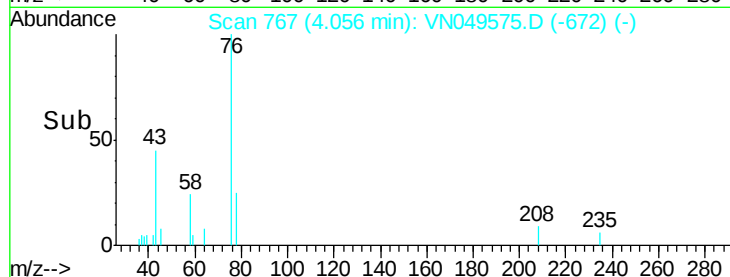
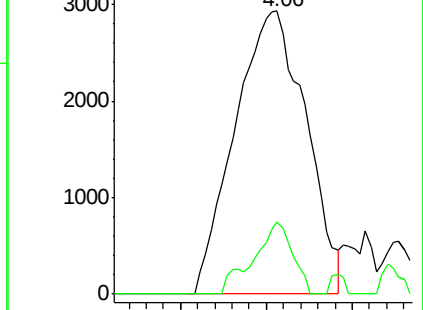
76 100

78 25.3 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN049263.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049263.D (-741) (-)



#18

Methyl Acetate

Concen: 13.35 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049575.D

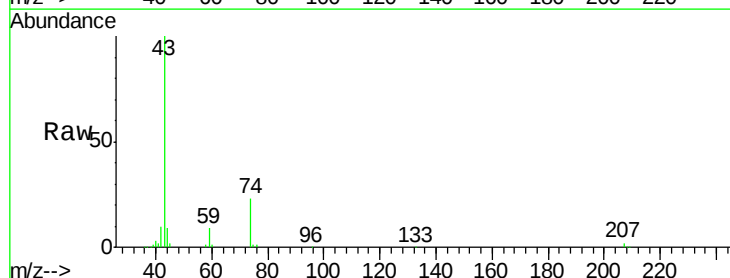
Acq: 27 Jun 2018 16:31

Tgt Ion: 43 Resp: 142727

Ion Ratio Lower Upper

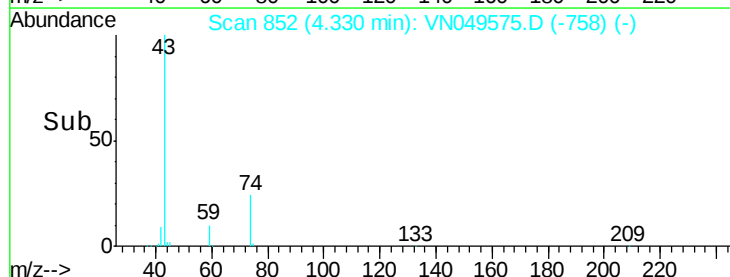
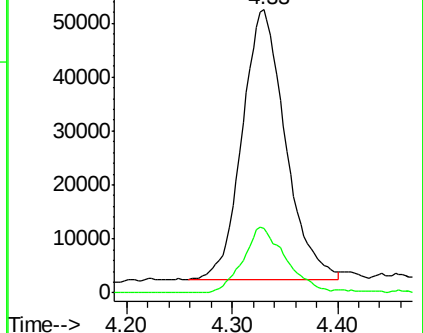
43 100

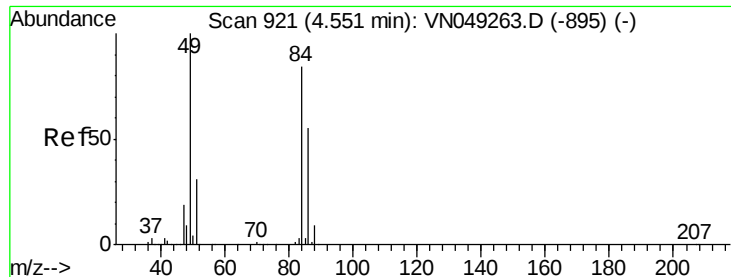
74 24.1 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN049263.D (-830) (-)

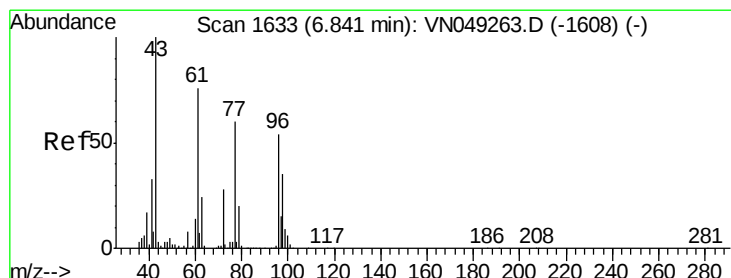
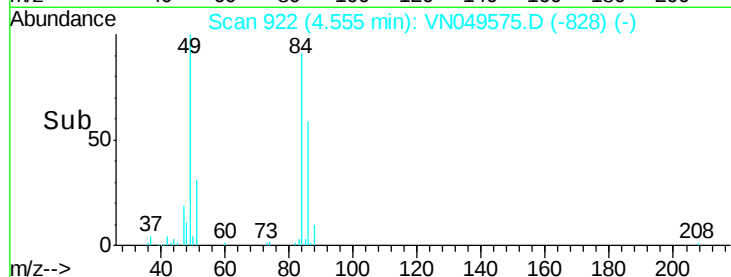
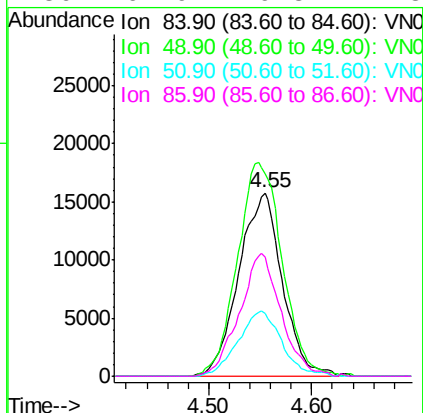
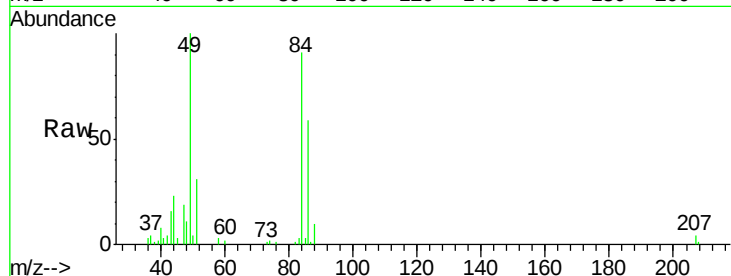




#20
Methvlene Chloride
Concen: 3.16 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

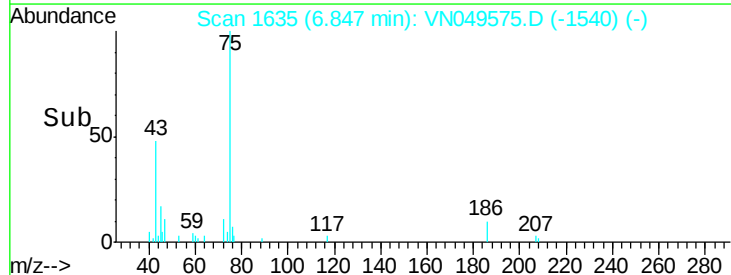
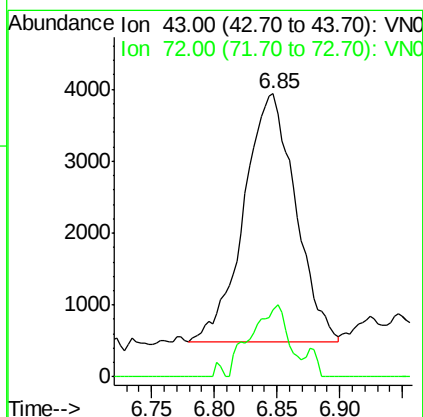
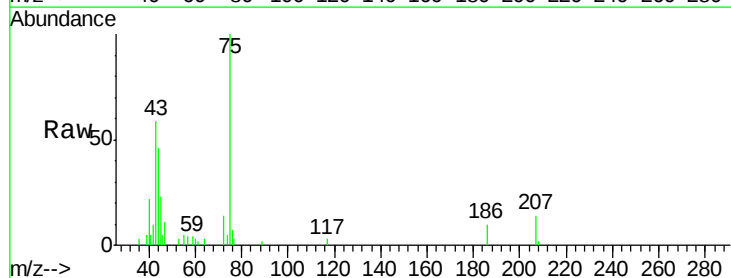
Instrument :
MSVOA_N
ClientSampled :

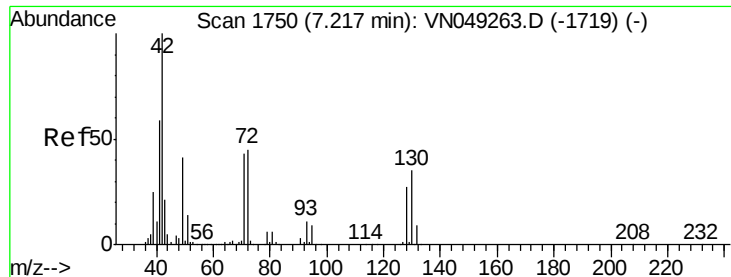
Tot Ion: 84 Resp: 46252
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 34.2 32.7 49.1
86 64.9 49.8 74.8



#25
2-Butanone
Concen: 2.09 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 43 Resp: 9831
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.2

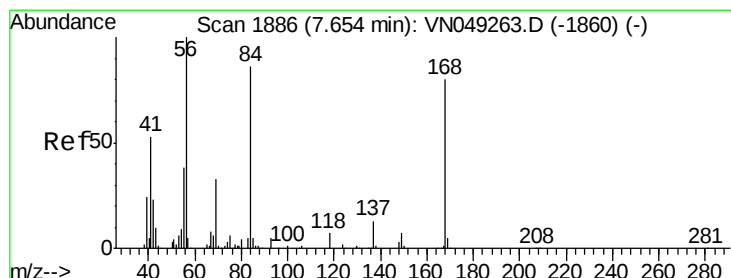
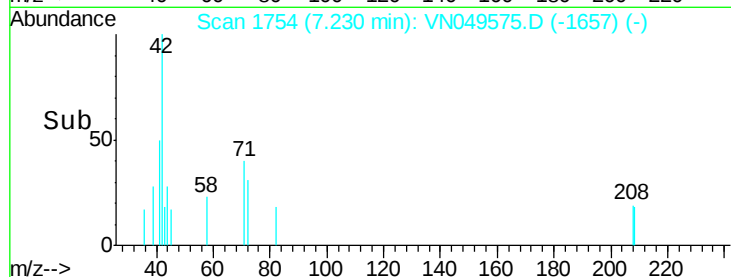
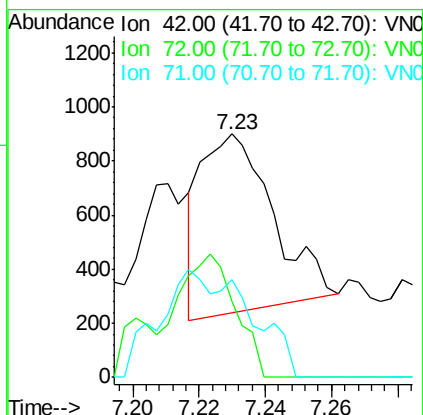
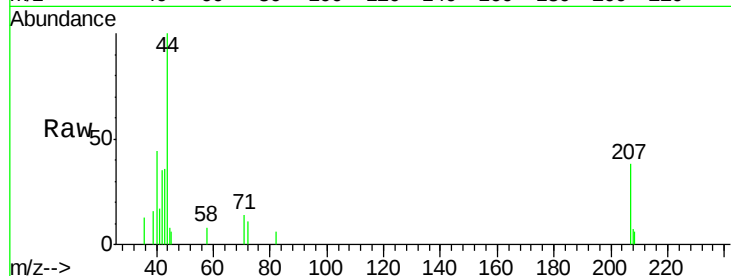




#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

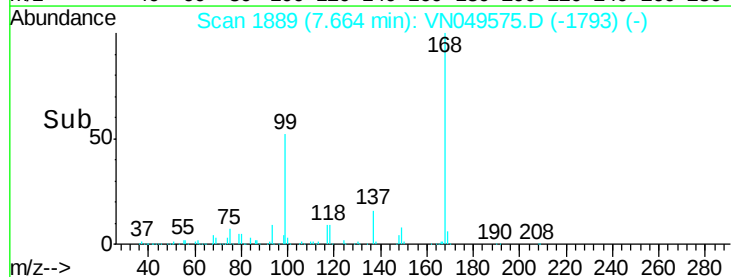
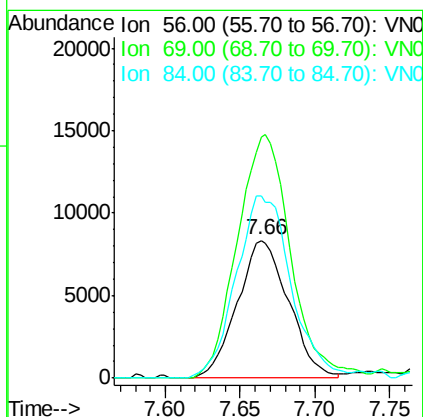
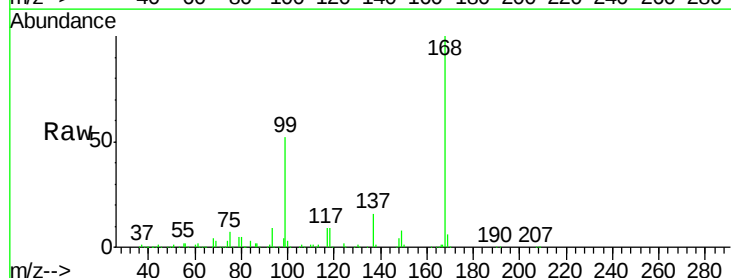
Instrument :
MSVOA_N
ClientSampled :

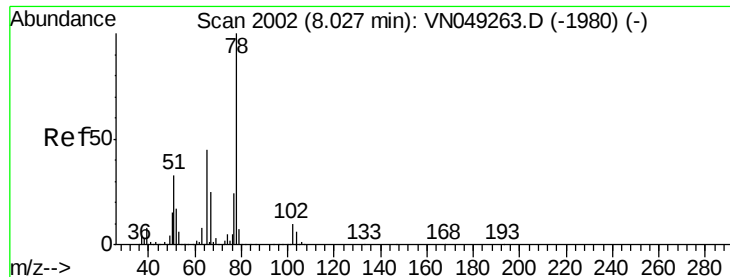
Tot Ion: 42 Resp: 990
Ion Ratio Lower Upper
42 100
72 54.2 32.2 48.4#
71 75.9 30.5 45.7#



#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 56 Resp: 19860
Ion Ratio Lower Upper
56 100
69 175.0 25.0 37.4#
84 132.1 64.6 96.8#

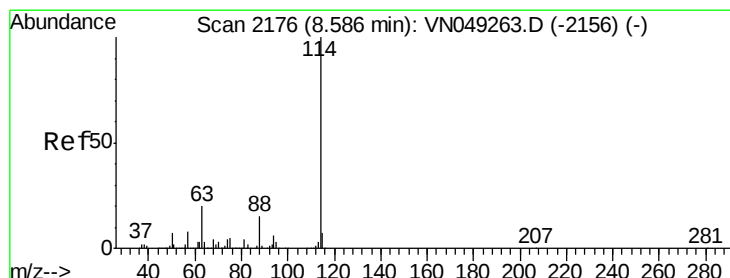
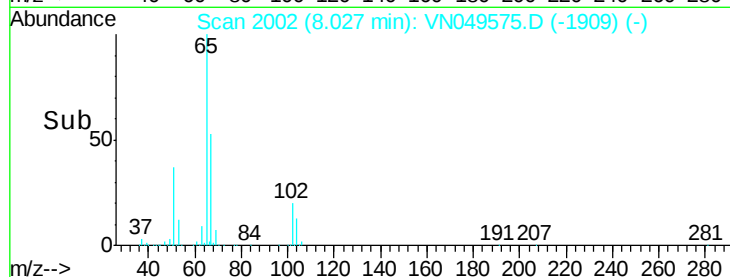
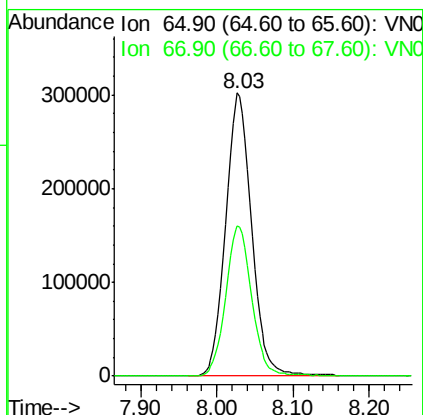
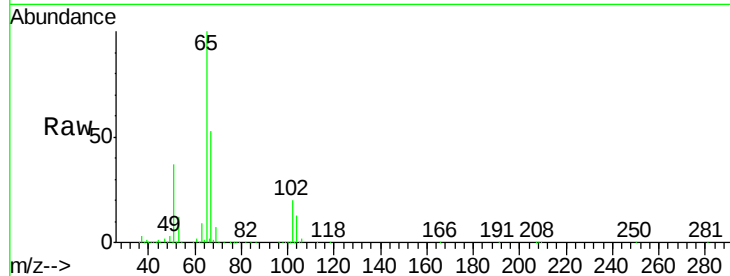




#33
 1,2-Dichloroethane-d4
 Concen: 49.92 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049575.D
 Acq: 27 Jun 2018 16:31

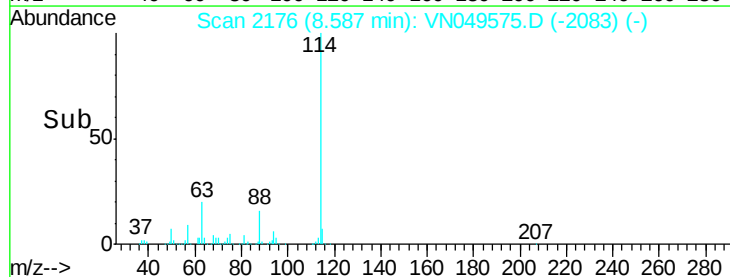
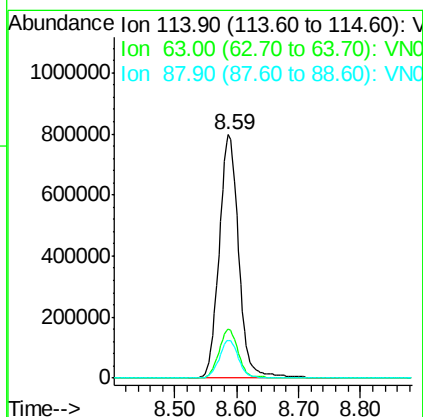
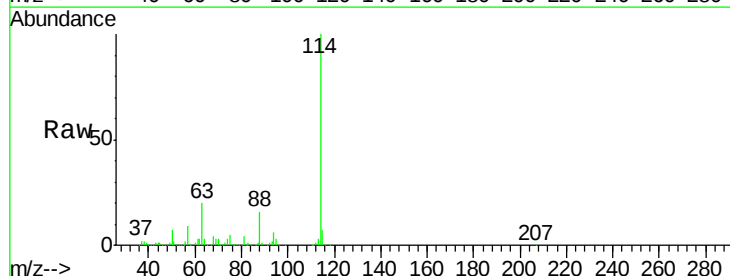
Instrument :
 MSVOA_N
 ClientSampleId :

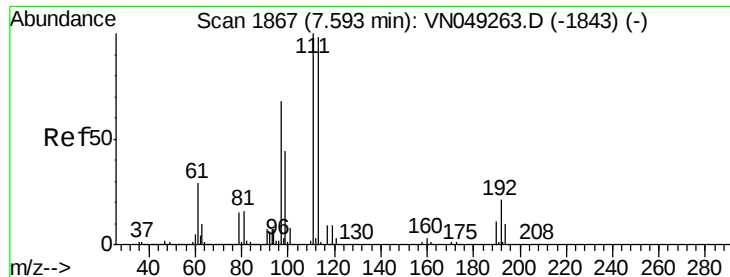
Tot Ion: 65 Resp: 720864
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049575.D
 Acq: 27 Jun 2018 16:31

Tgt Ion: 114 Resp: 1743481
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.4
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 42.96 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :
MSVOA_N
ClientSampleId :

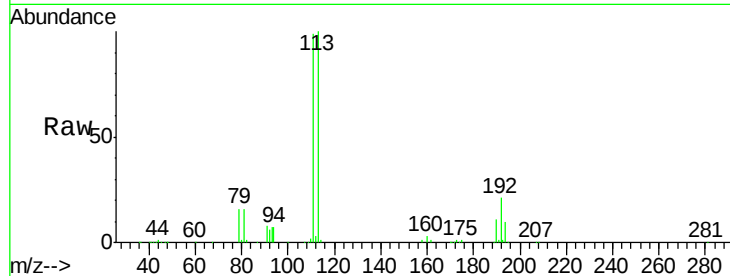
Tot Ion:113 Resp: 605943

Ion Ratio Lower Upper

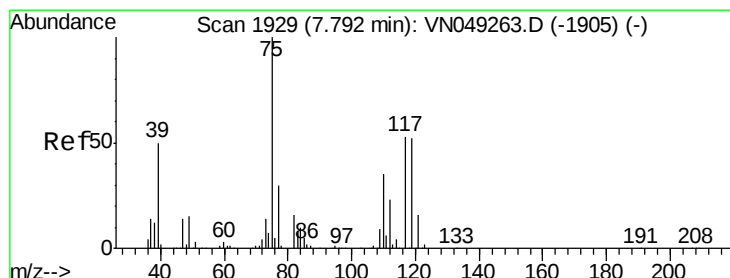
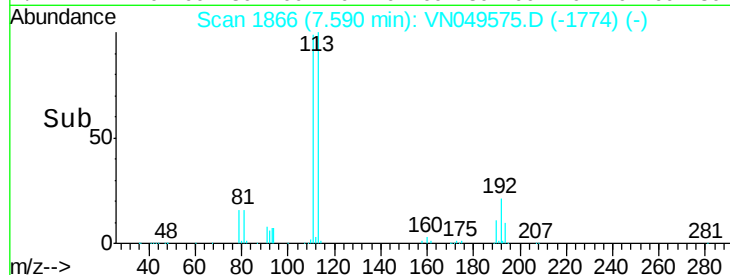
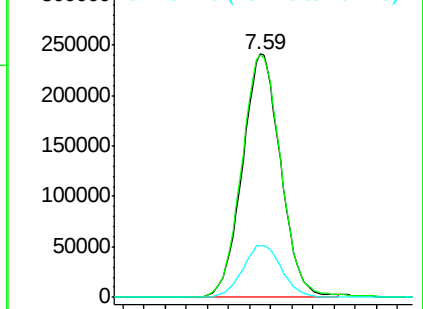
113 100

111 102.8 82.4 123.6

192 21.9 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: 3.66 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

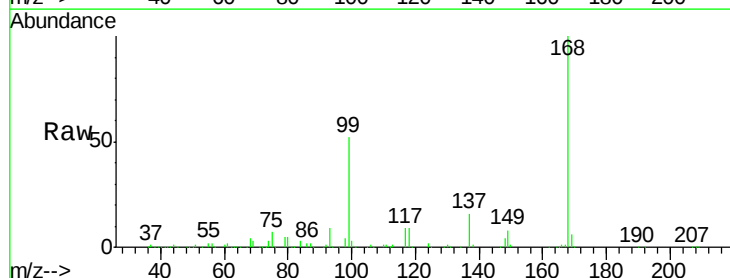
Tgt Ion: 75 Resp: 73188

Ion Ratio Lower Upper

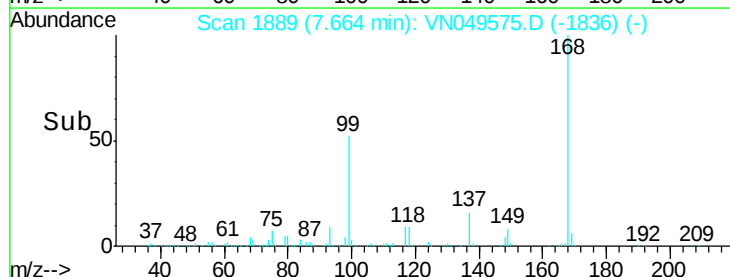
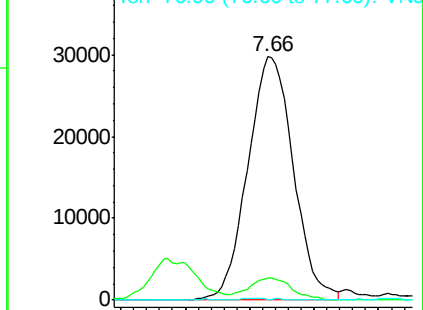
75 100

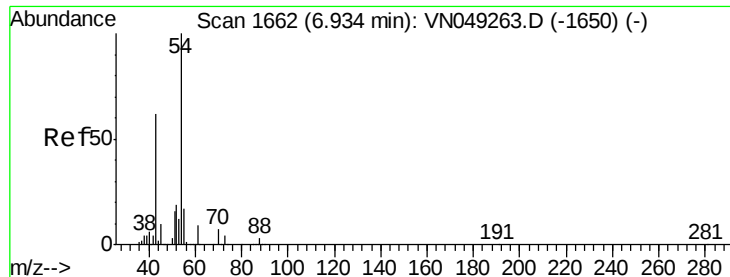
110 8.6 17.0 50.9#

77 0.1 24.4 36.6#



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

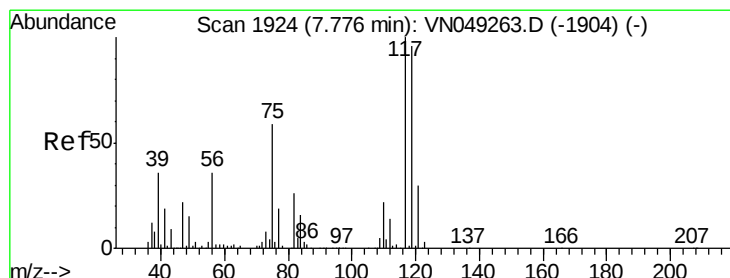
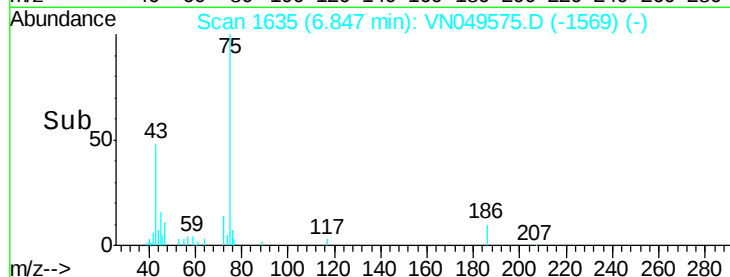
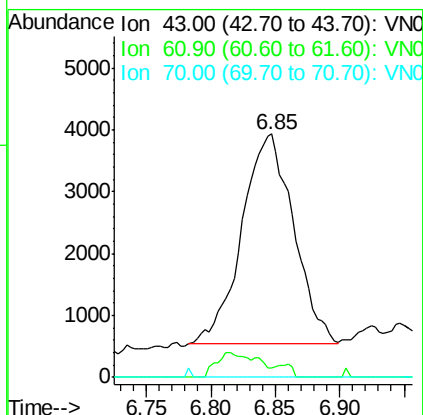
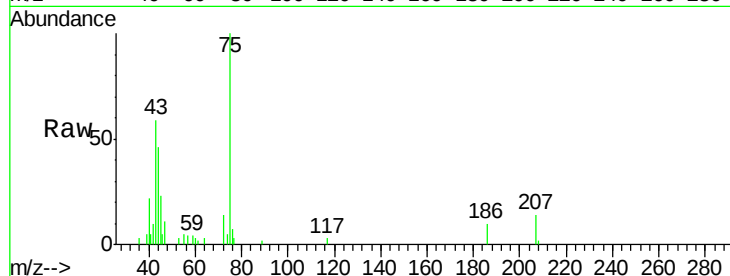




#37
Ethyl Acetate
Concen: 0.88 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. -0.09 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

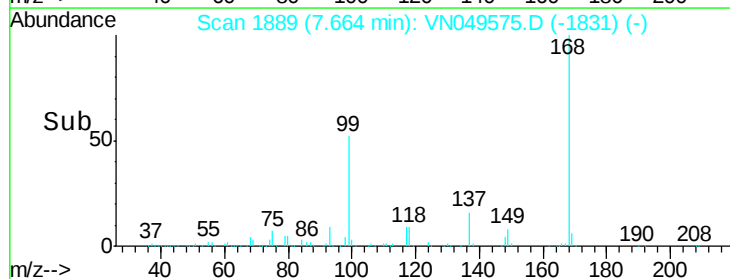
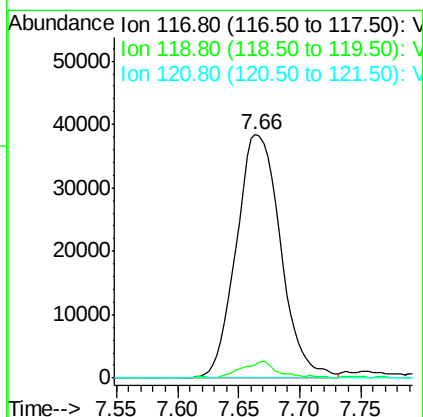
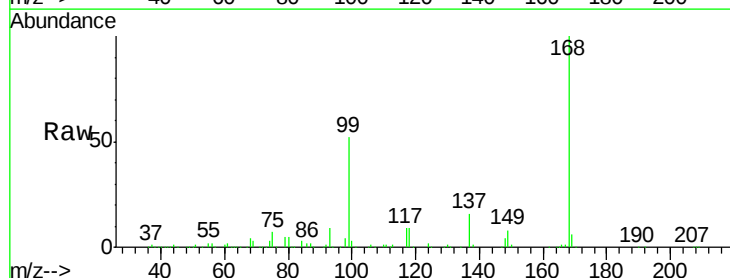
Instrument :
MSVOA_N
ClientSampled :

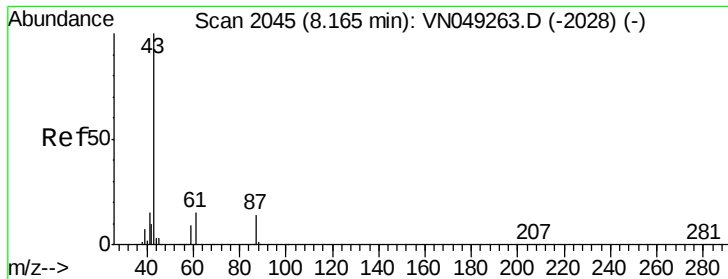
Tot Ion: 43 Resp: 9531
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 117 Resp: 96828
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 7.09 ug/l

RT: 8.18 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

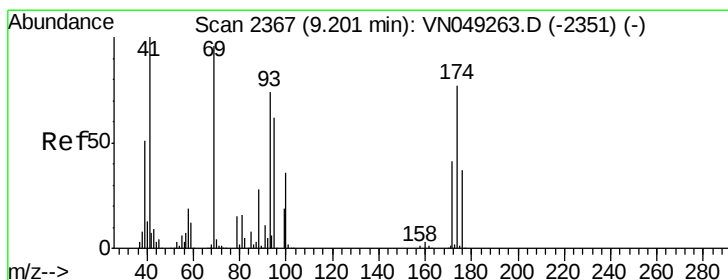
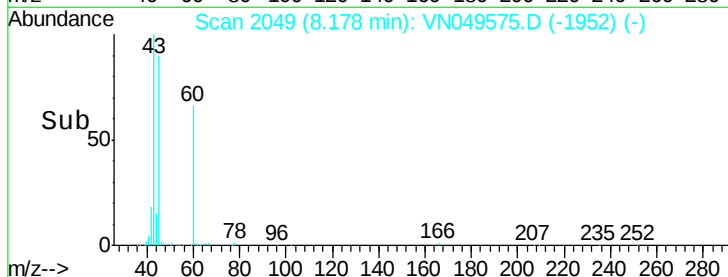
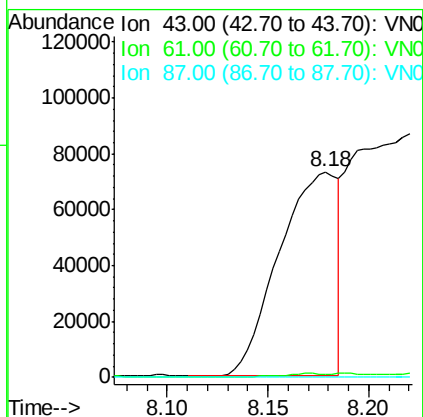
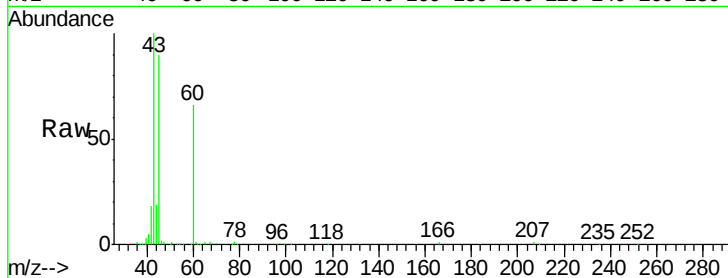
Tot Ion: 43 Resp: 147243

Ion Ratio Lower Upper

43 100

61 0.5 14.2 21.4#

87 0.0 9.4 14.0#



#49

1,4-Dioxane

Concen: 3.17 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

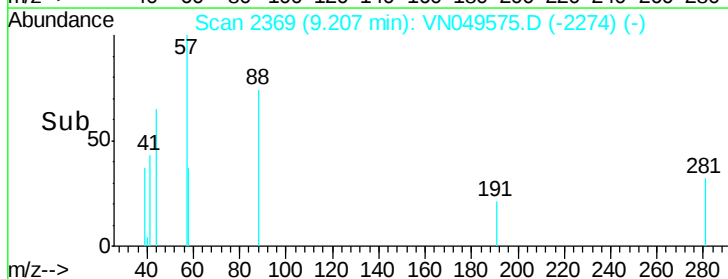
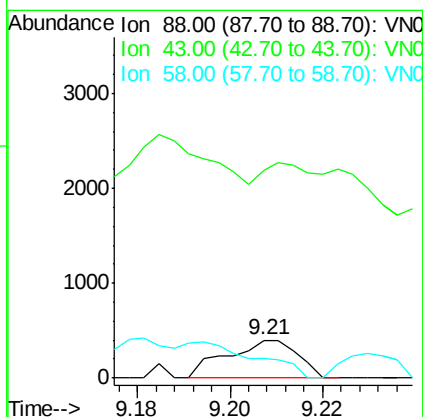
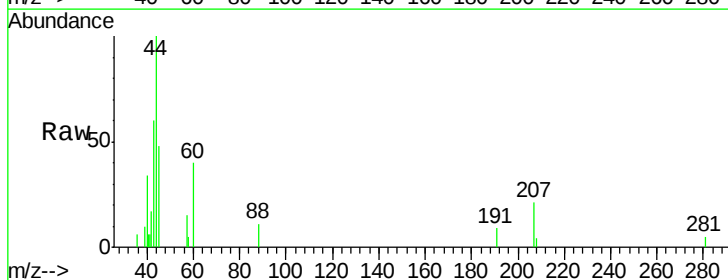
Tgt Ion: 88 Resp: 428

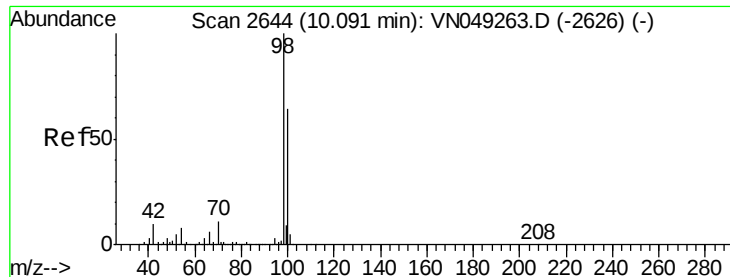
Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 43.28 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

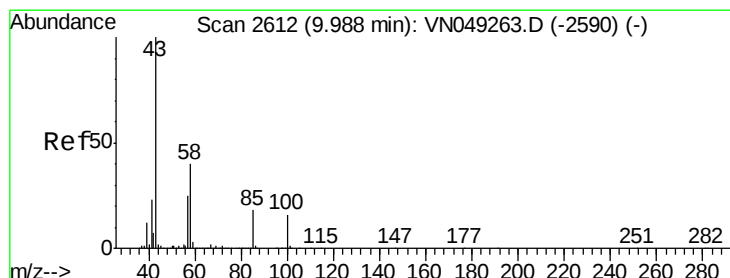
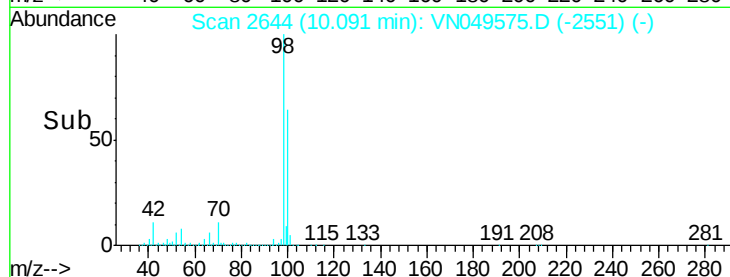
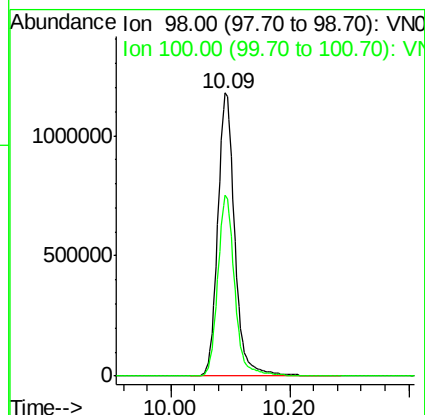
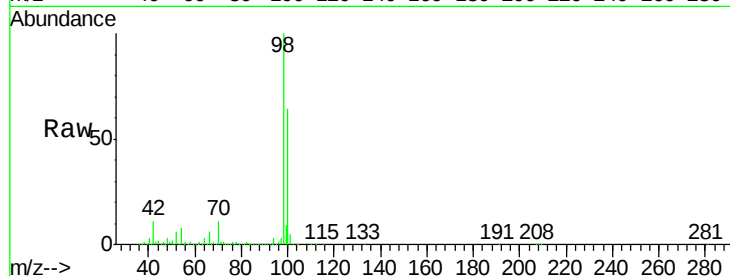
ClientSampleId :

Tot Ion: 98 Resp: 2324649

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



#51

4-Methyl-2-Pentanone

Concen: 0.73 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049575.D

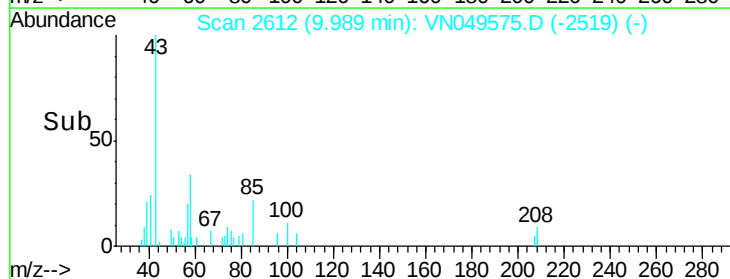
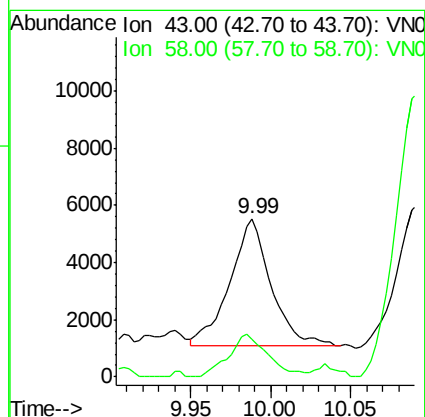
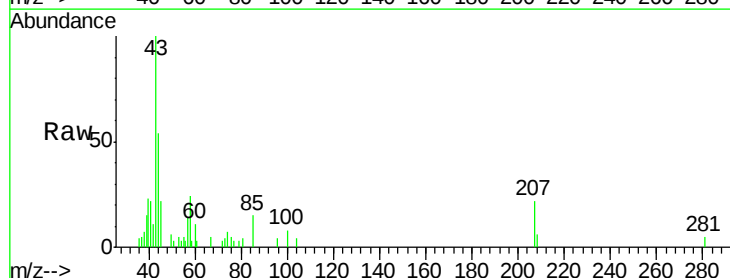
Acq: 27 Jun 2018 16:31

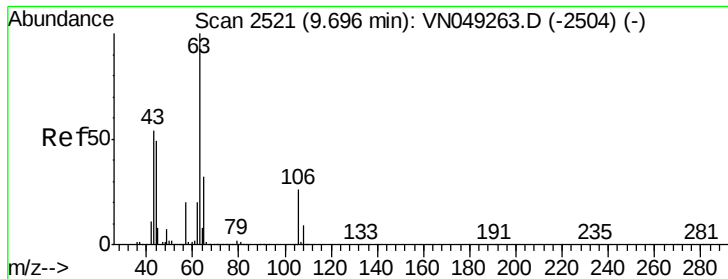
Tgt Ion: 43 Resp: 7890

Ion Ratio Lower Upper

43 100

58 31.6 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.72 min Scan# 2530

Delta R.T. 0.03 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

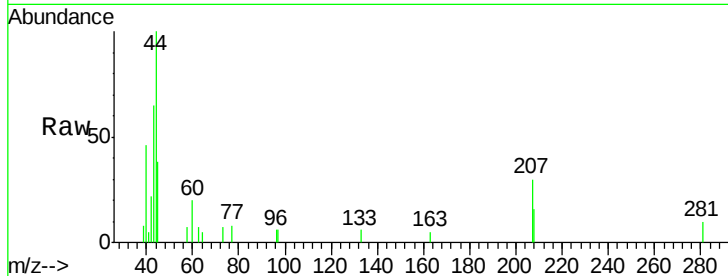
ClientSampled :

Tot Ion: 63 Resp: 67

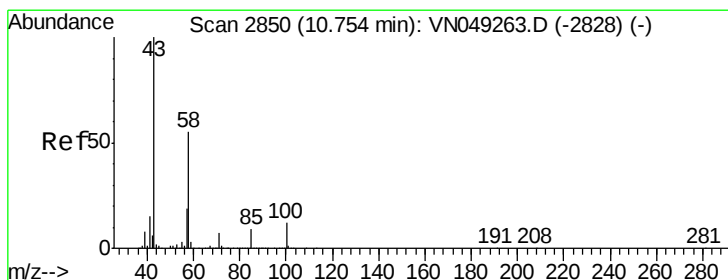
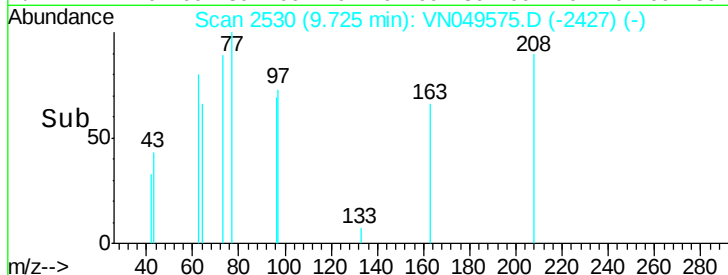
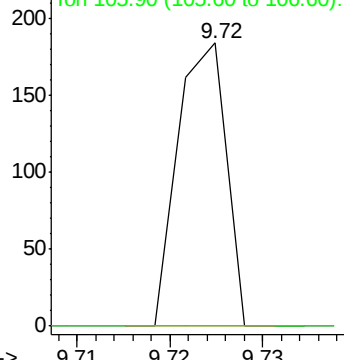
Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049575.D (-2427) (-)



#59

2-Hexanone

Concen: 0.26 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049575.D

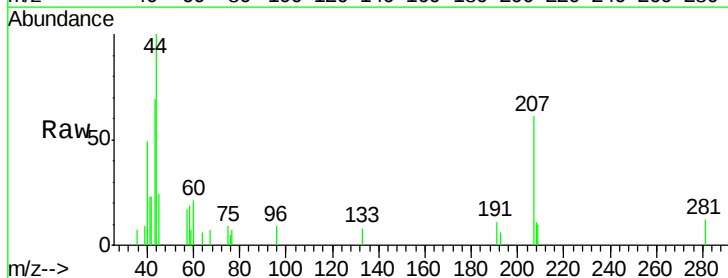
Acq: 27 Jun 2018 16:31

Tgt Ion: 43 Resp: 1813

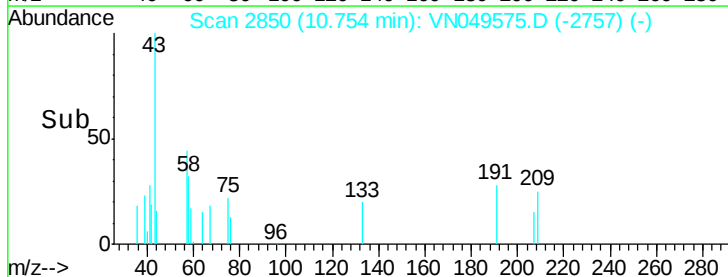
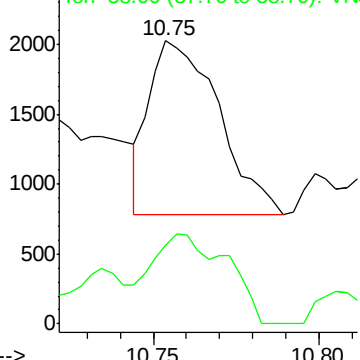
Ion Ratio Lower Upper

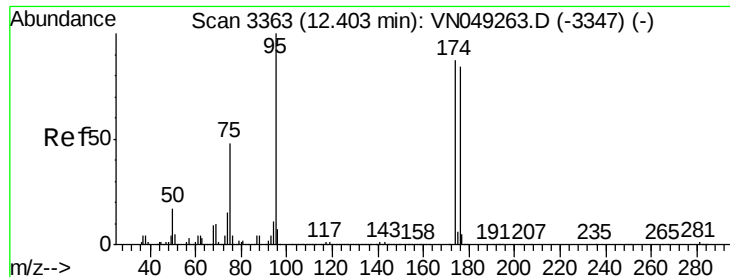
43 100

58 55.0 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN049575.D (-2757) (-)





#62

4-Bromofluorobenzene

Concen: 36.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

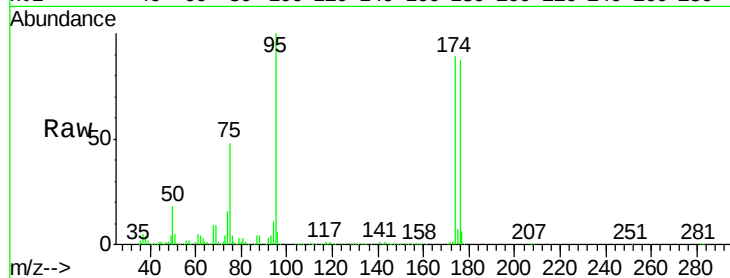
Tot Ion: 95 Resp: 640406

Ion Ratio Lower Upper

95 100

174 90.3 0.0 165.6

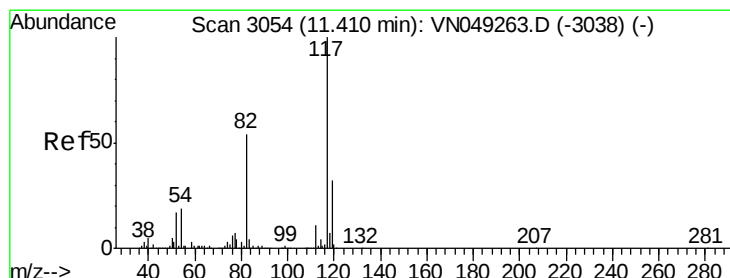
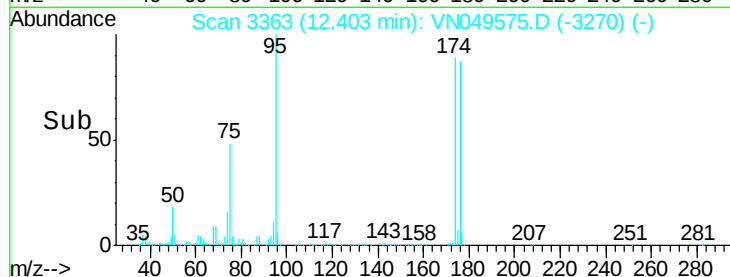
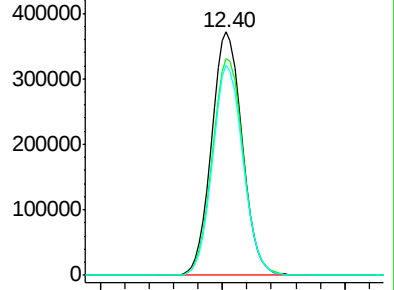
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

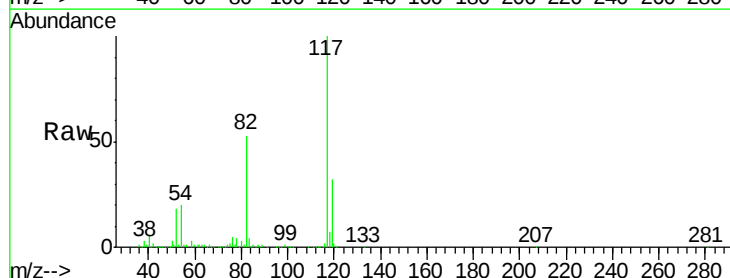
Tgt Ion: 117 Resp: 1410252

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

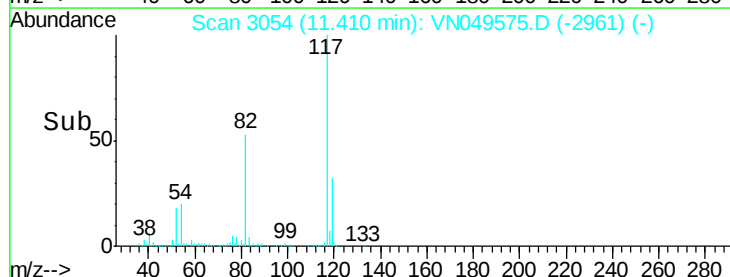
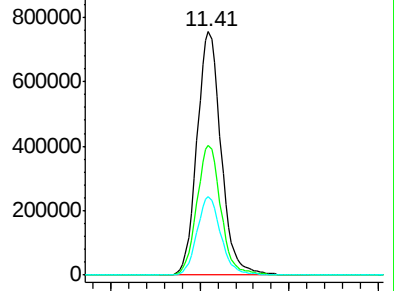
119 32.1 25.5 38.3

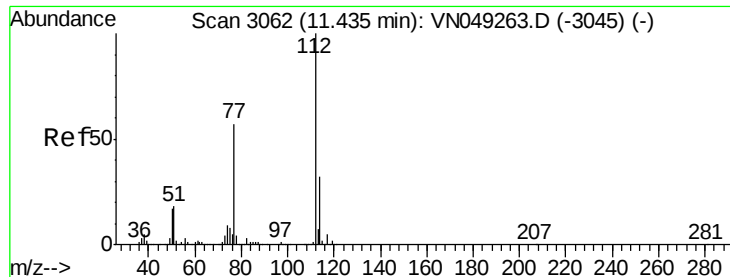


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#65

Chlorobenzene

Concen: 0.51 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

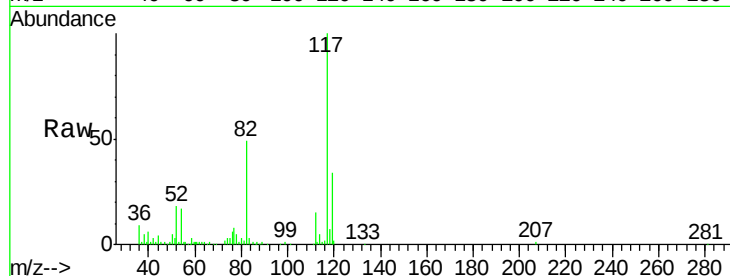
ClientSampleId :

Tot Ion:112 Resp: 18624

Ion Ratio Lower Upper

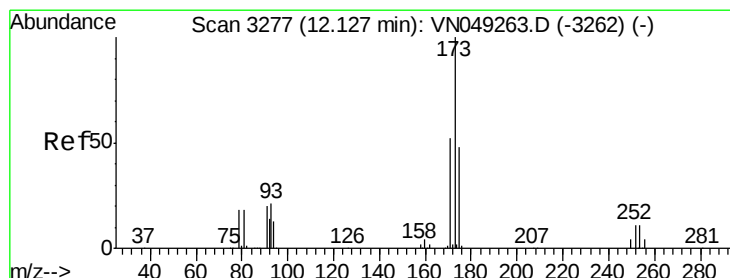
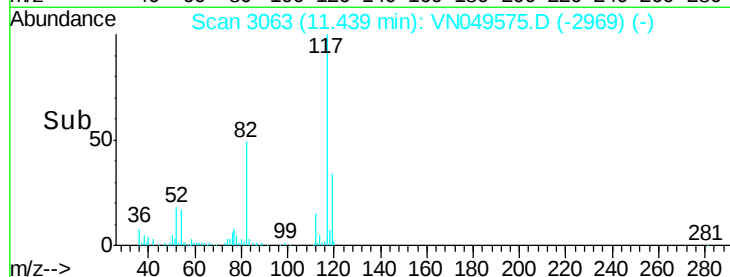
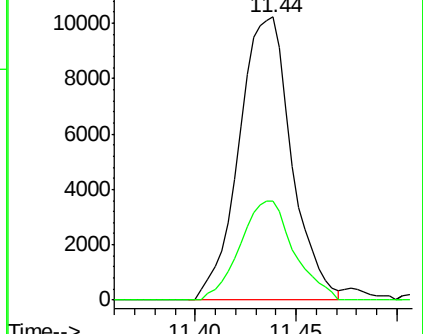
112 100

114 34.8 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: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

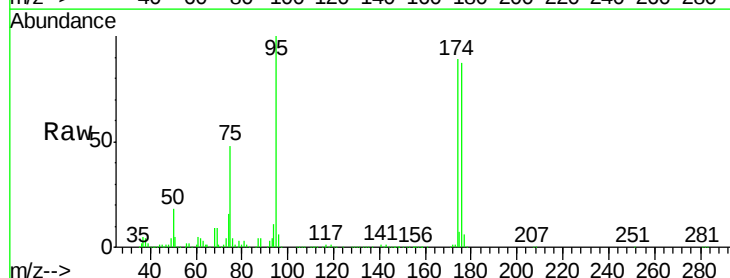
Tgt Ion:173 Resp: 5011

Ion Ratio Lower Upper

173 100

175 701.0 24.5 73.5#

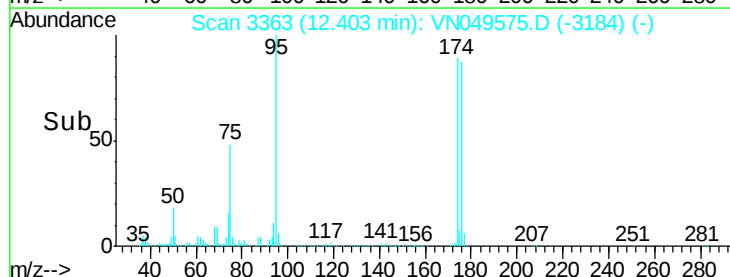
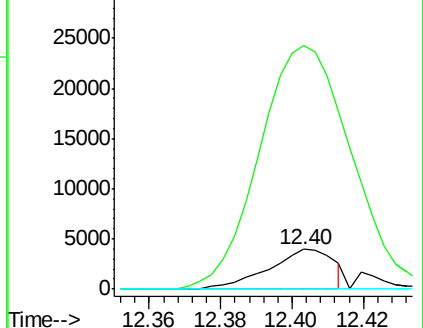
254 0.0 0.1 0.1#

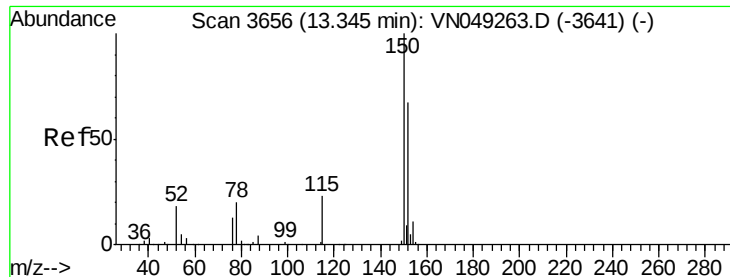


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

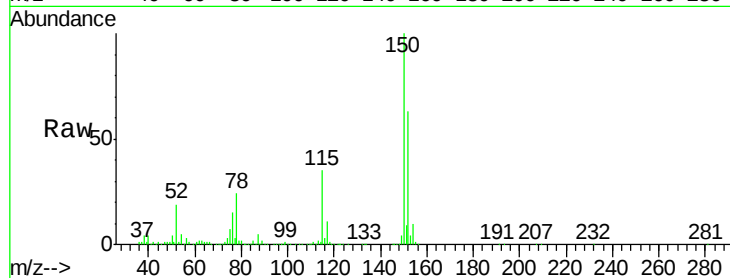
Tot Ion:152 Resp: 514516

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

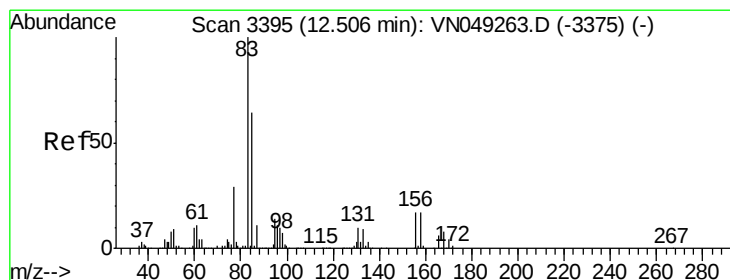
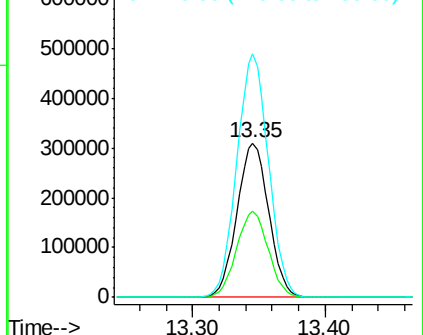
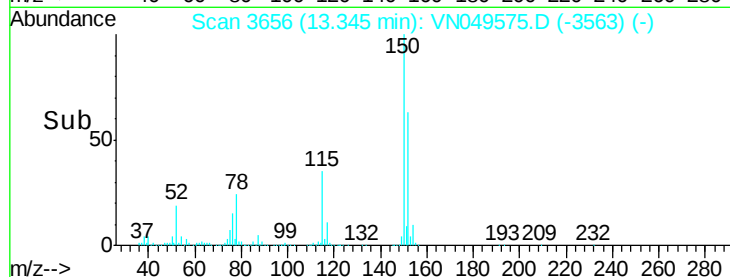
150 157.5 0.0 351.0



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: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

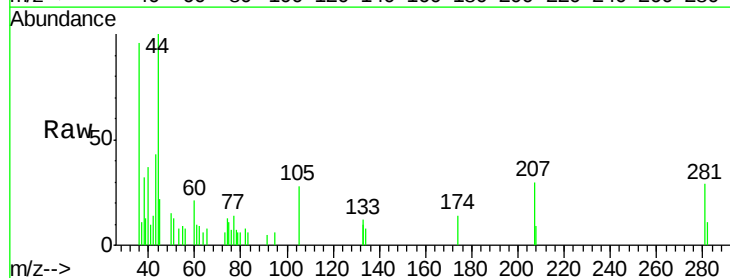
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

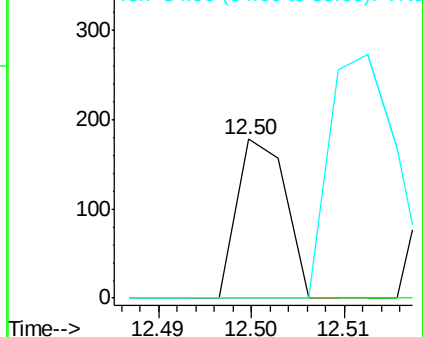
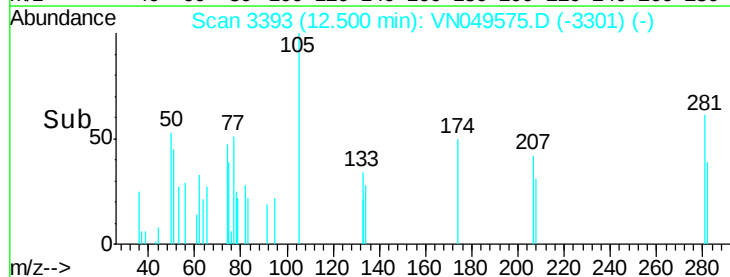
85 0.0 32.0 96.0#

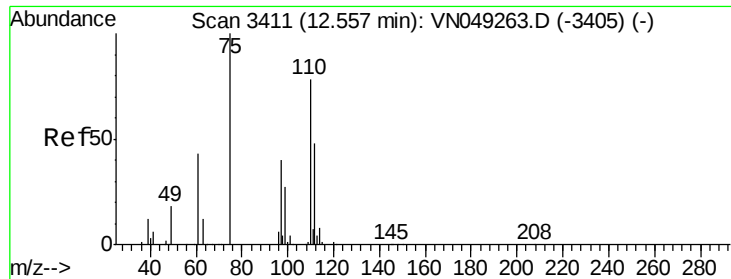


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

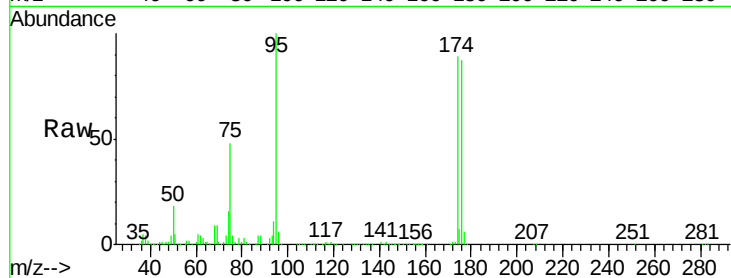
ClientSampleId :

Tot Ion: 75 Resp: 309818

Ion Ratio Lower Upper

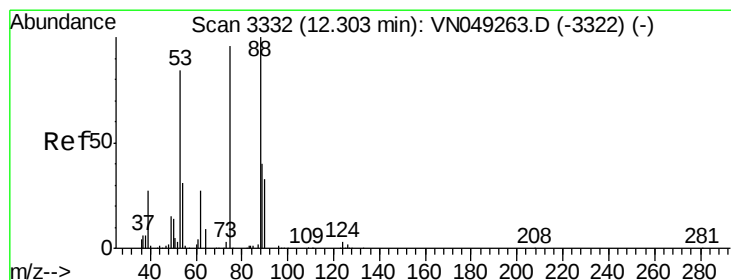
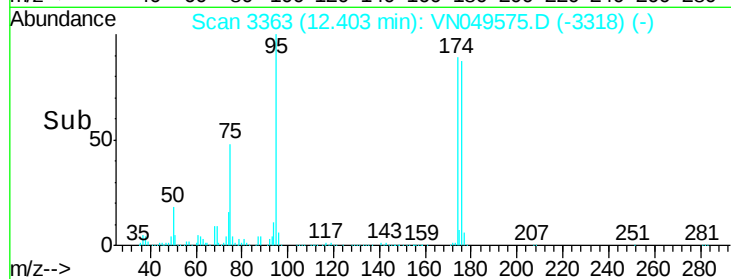
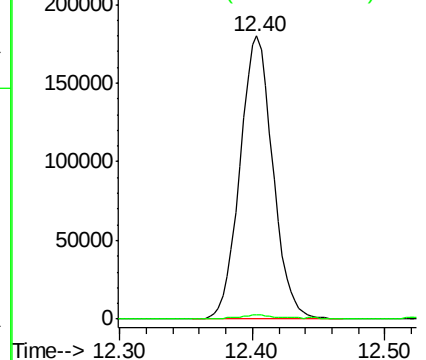
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 111.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

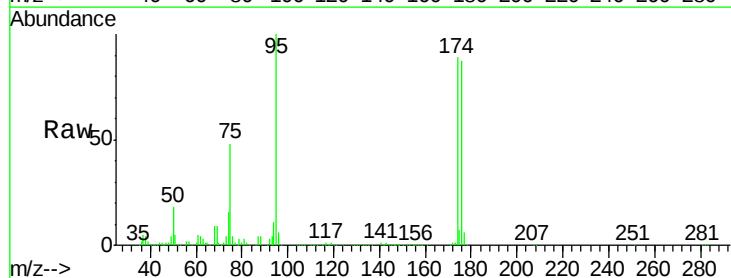
Tgt Ion: 75 Resp: 309818

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

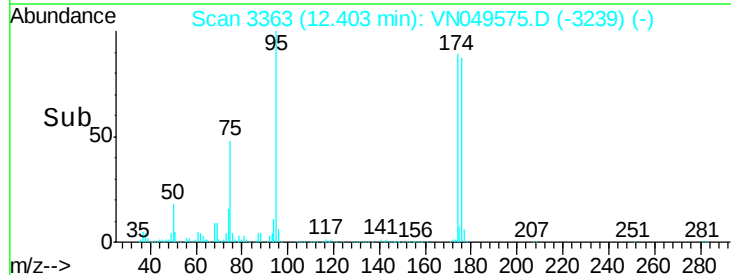
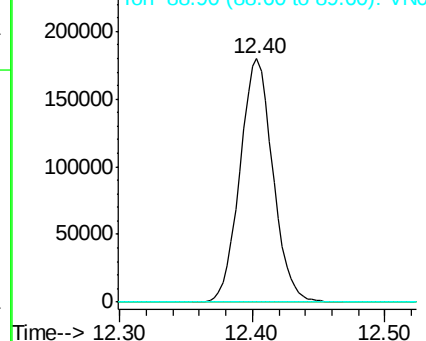
89 0.0 36.5 54.7#

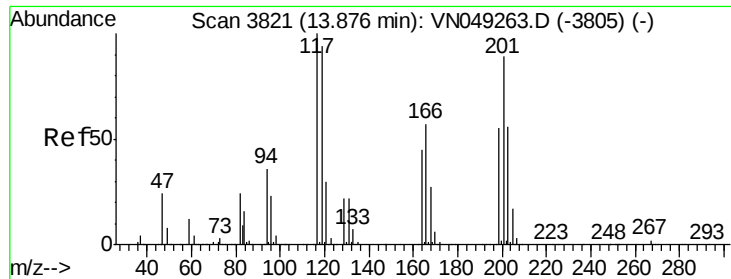


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

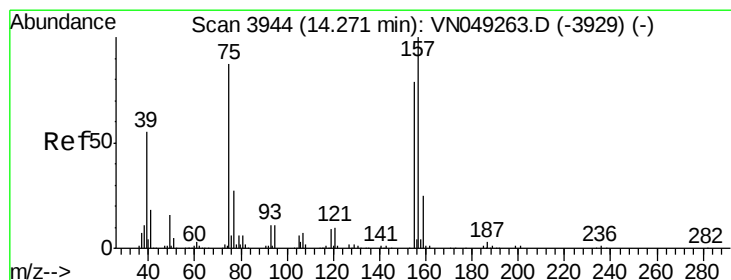
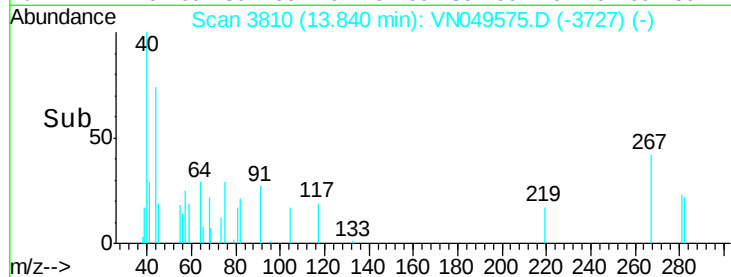
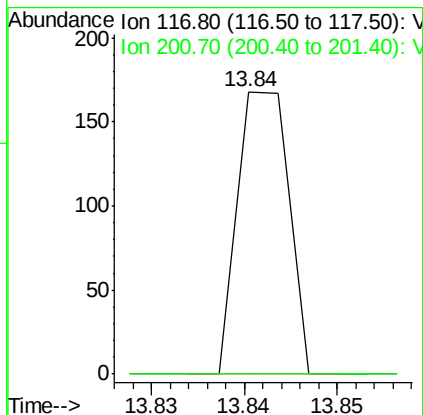
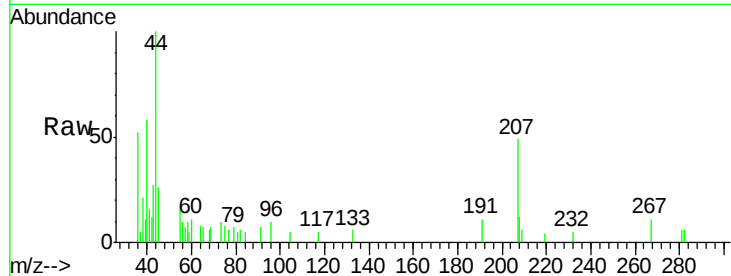




#90
Hexachloroethane
Concen: Below Cal
RT: 13.84 min Scan# 3810
Delta R.T. -0.03 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

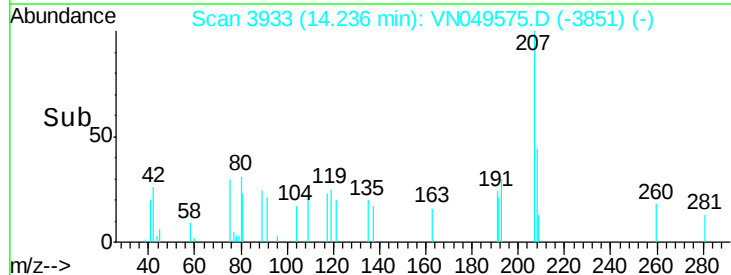
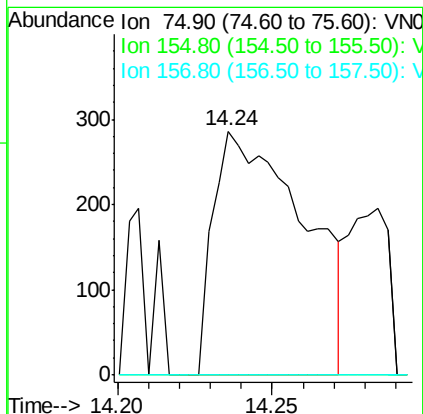
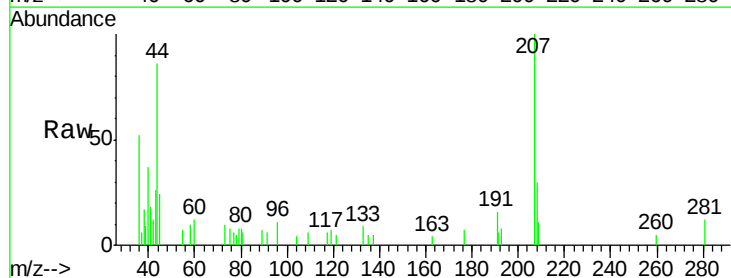
Instrument :
MSVOA_N
ClientSampleId :

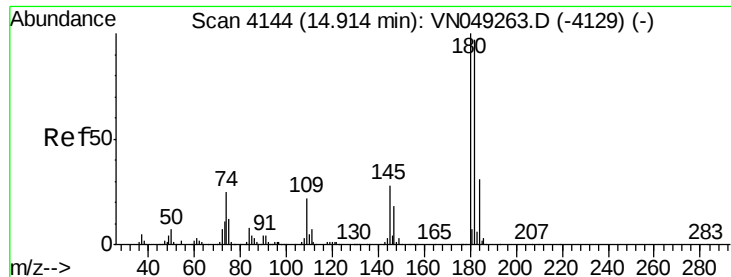
Tot Ion:117 Resp: 65
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.37 ug/l
RT: 14.24 min Scan# 3933
Delta R.T. -0.04 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 75 Resp: 579
Ion Ratio Lower Upper
75 100
155 0.0 38.8 116.3#
157 0.0 51.0 153.1#

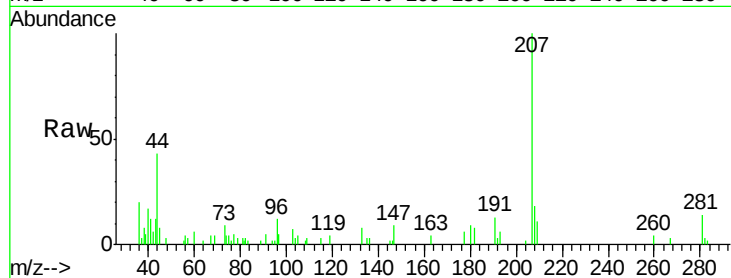




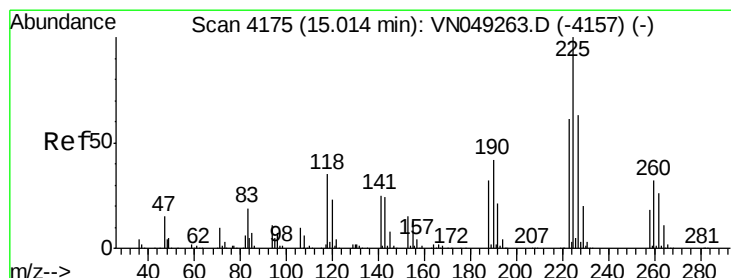
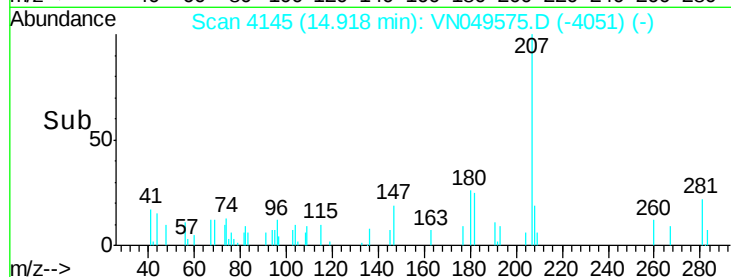
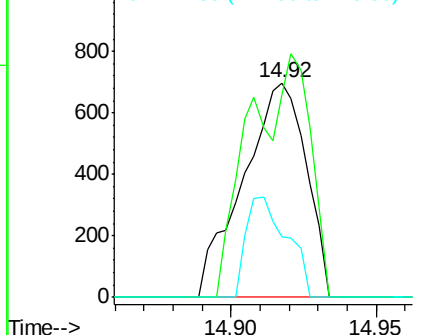
#93
 1,2,4-Trichlorobenzene
 Concen: 4.85 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049575.D
 Acq: 27 Jun 2018 16:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1054
 Ion Ratio Lower Upper
 180 100
 182 55.5 46.9 140.8
 145 0.0 14.7 44.1#

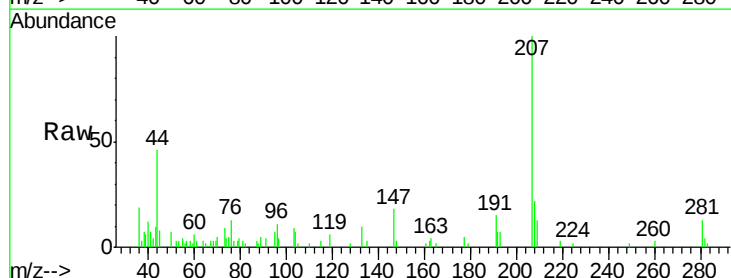


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

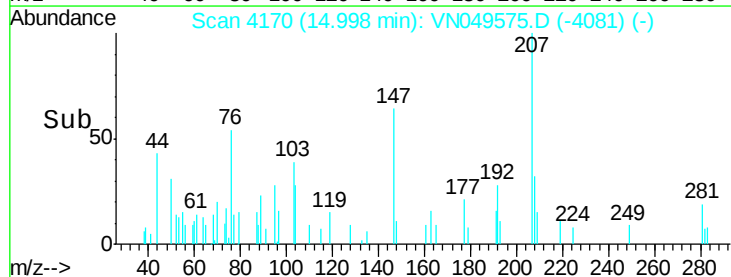
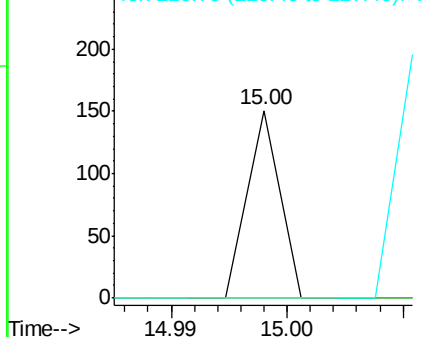


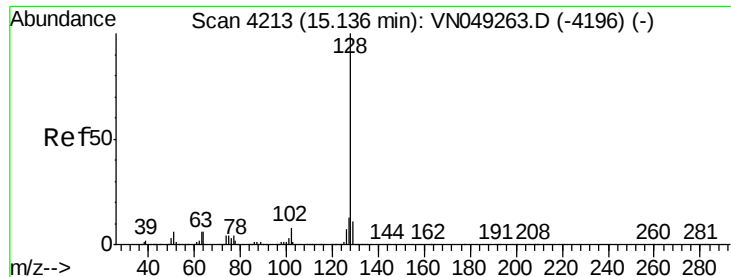
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4170
 Delta R.T. -0.02 min
 Lab File: VN049575.D
 Acq: 27 Jun 2018 16:31

Tgt Ion:225 Resp: 29
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.1 96.3#
 227 0.0 31.8 95.3#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.32 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

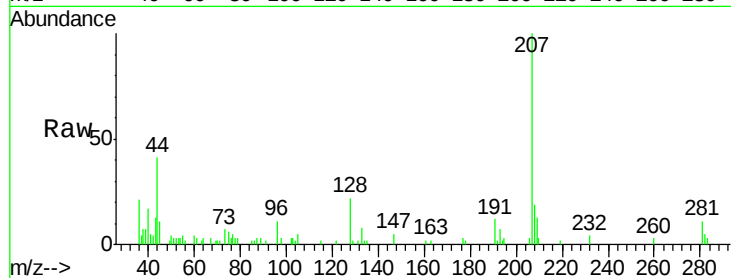
Tot Ion:128 Resp: 3382

Ion Ratio Lower Upper

128 100

127 9.4 10.6 16.0#

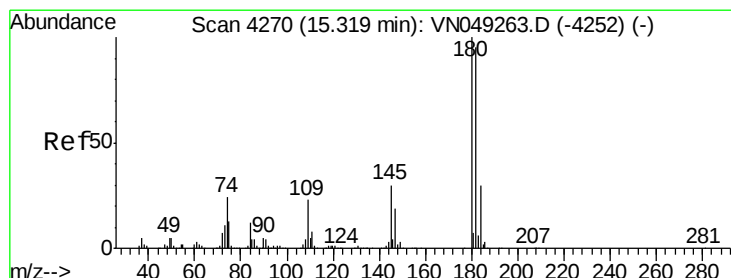
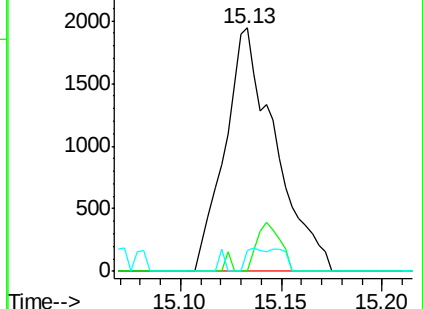
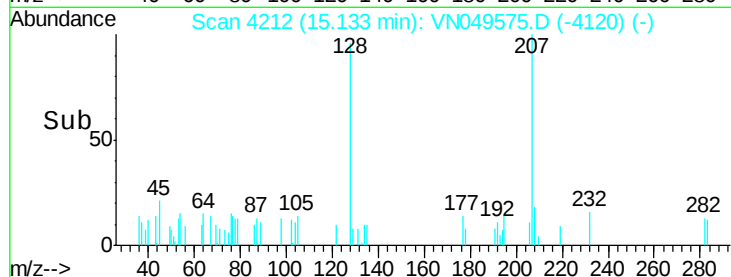
129 3.9 8.5 12.7#



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: 3.56 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

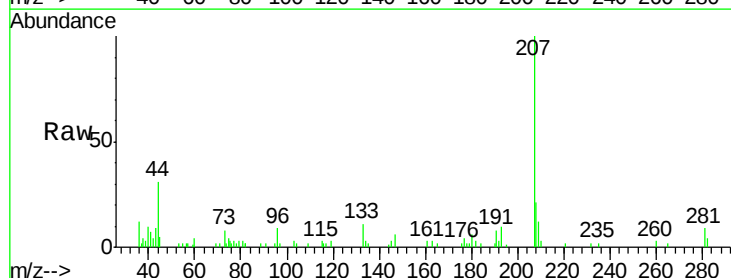
Tgt Ion:180 Resp: 976

Ion Ratio Lower Upper

180 100

182 26.0 47.3 141.8#

145 44.5 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

