

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049823.D
 Acq On : 14 Jul 2018 3:22
 Operator : MD\SY
 Sample : J3825-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

Quant Time: Jul 14 04:16:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1177416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1970705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1584703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611325	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	811331	59.24	ug/l	0.00
Spiked Amount			Recovery	=	118.48%	
35) Dibromofluoromethane	7.59	113	742265	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	2603225	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	712372	39.23	ug/l	0.00
Spiked Amount			Recovery	=	78.46%	

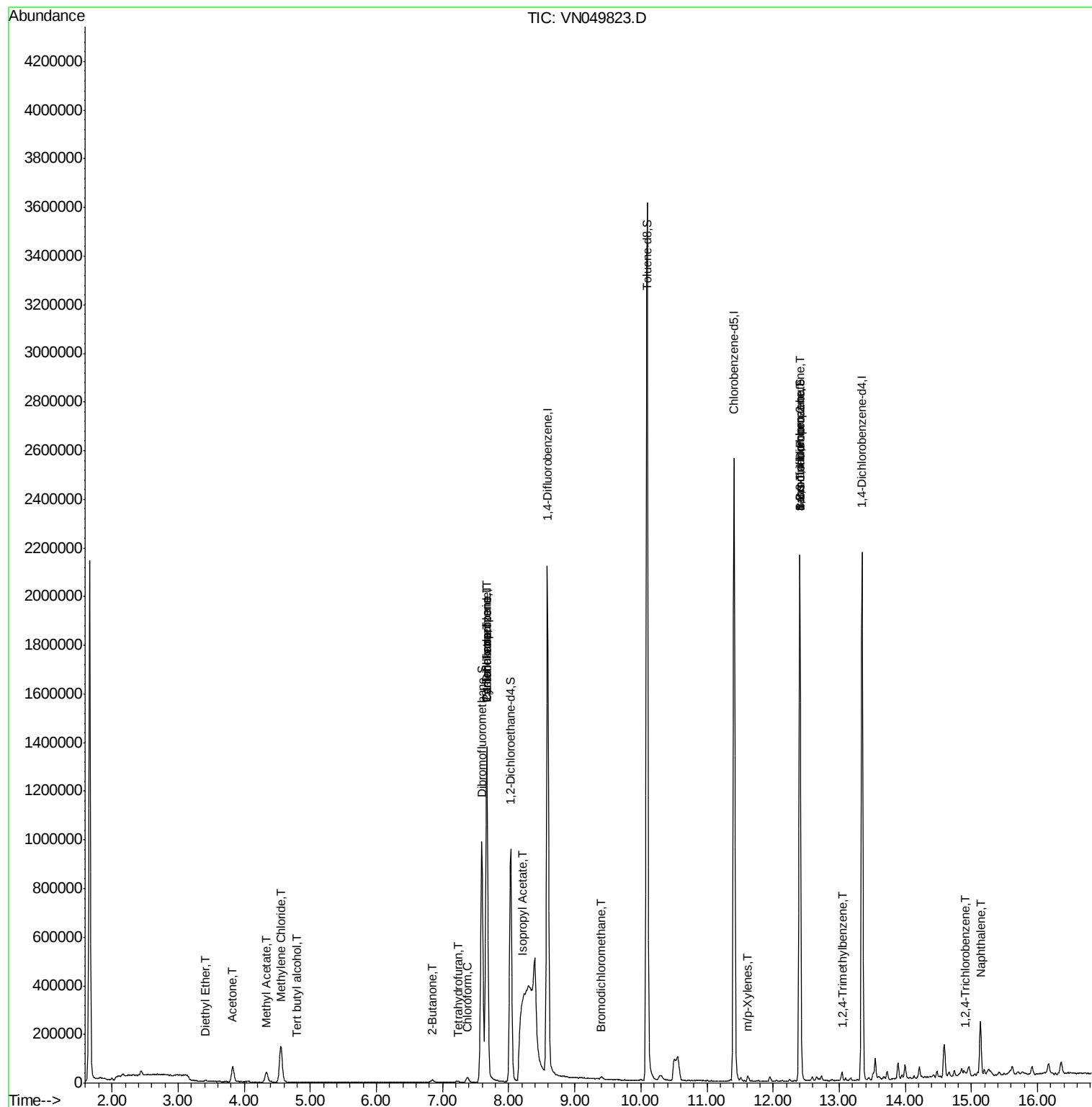
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1764	Below Cal		100
4) Vinyl Chloride	2.19	62	320	Below Cal	#	21
5) Bromomethane	2.58	94	1268	Below Cal	#	33
8) Diethyl Ether	3.41	74	2271	0.28	ug/l	56
11) Tert butyl alcohol	4.80	59	573	0.63	ug/l	# 72
16) Acetone	3.82	43	108926	30.49	ug/l	96
17) Carbon Disulfide	4.06	76	2845	Below Cal	#	75
18) Methyl Acetate	4.34	43	78816	6.24	ug/l	98
20) Methylene Chloride	4.55	84	112937	7.25	ug/l	98
25) 2-Butanone	6.84	43	3427	0.64	ug/l	100
29) Tetrahydrofuran	7.22	42	1184	0.35	ug/l	# 72
30) Chloroform	7.38	83	17485	0.63	ug/l	93
31) Cyclohexane	7.67	56	22462	0.80	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	83726	3.69	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	107753	4.54	ug/l	# 16
43) Isopropyl Acetate	8.20	43	323326	13.38	ug/l	# 63
47) Bromodichloromethane	9.40	83	6637	0.28	ug/l	# 94
55) 1,1,2-Trichloroethane	10.56	97	1045	Below Cal	#	24
68) m/p-Xylenes	11.62	106	6040	0.24	ug/l	98
71) Bromoform	12.41	173	5604	0.53	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.50	83	74	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	350918	32.31	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	350918	104.35	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	18584	0.46	ug/l	98
90) Hexachloroethane	13.89	117	3827	Below Cal	#	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	201	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1418	3.00	ug/l	# 1
95) Naphthalene	15.14	128	197468	10.74	ug/l	99

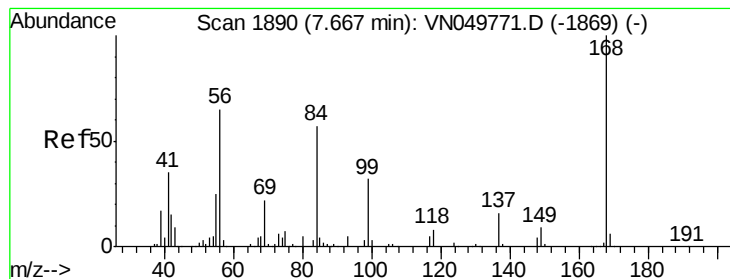
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

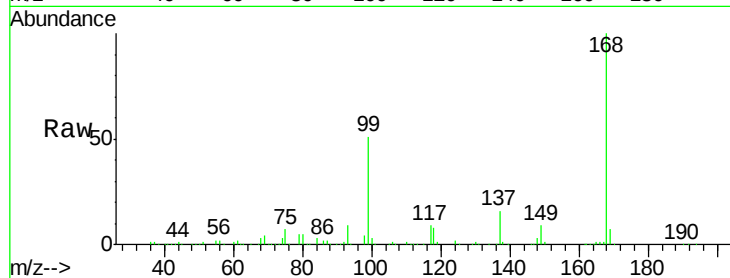
CL-02-071118-D

Tot Ion:168 Resp: 1177416

Ion Ratio Lower Upper

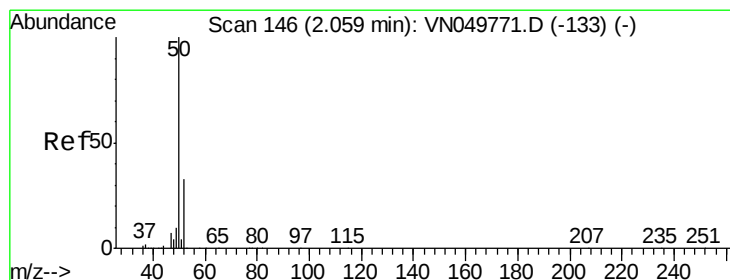
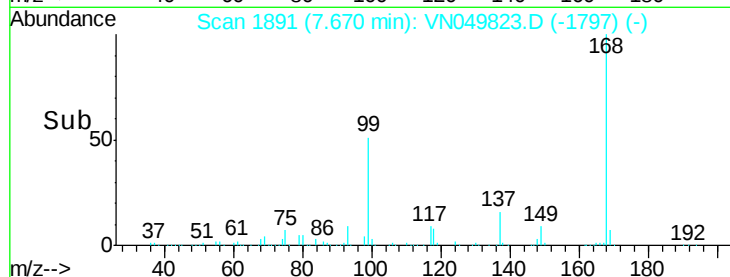
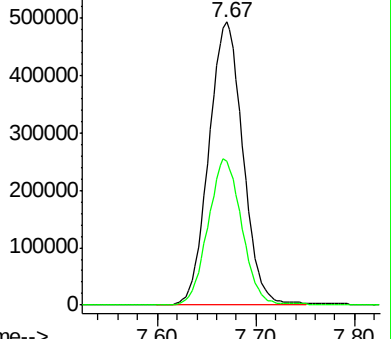
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049823.D

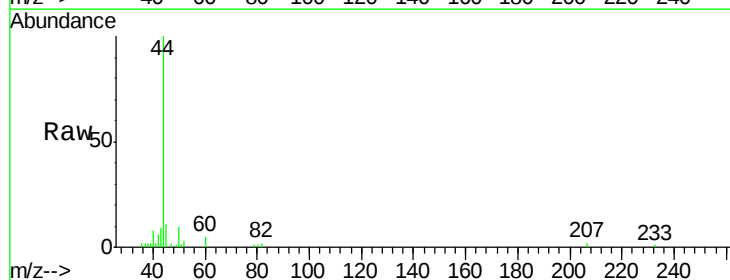
Acq: 14 Jul 2018 3:22

Tgt Ion: 50 Resp: 1764

Ion Ratio Lower Upper

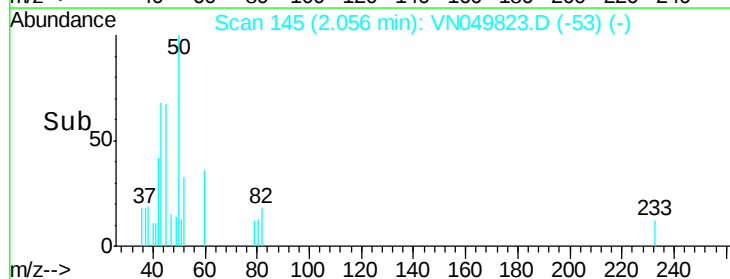
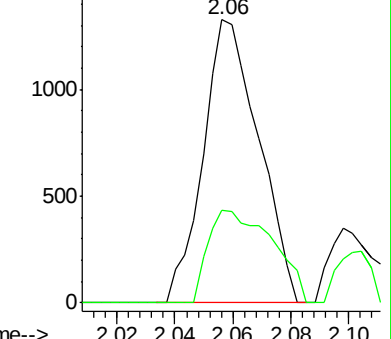
50 100

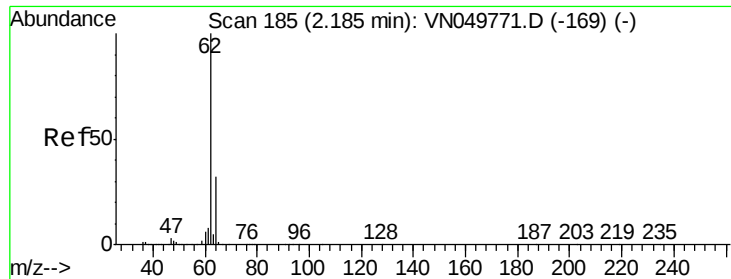
52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.19 min Scan# 186

Delta R.T. 0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

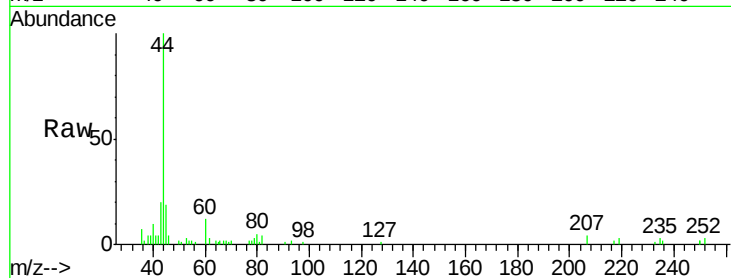
CL-02-071118-D

Tot Ion: 62 Resp: 320

Ion Ratio Lower Upper

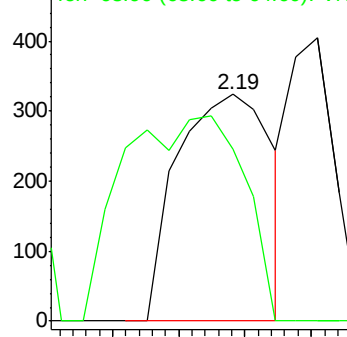
62 100

64 75.6 25.4 38.0#

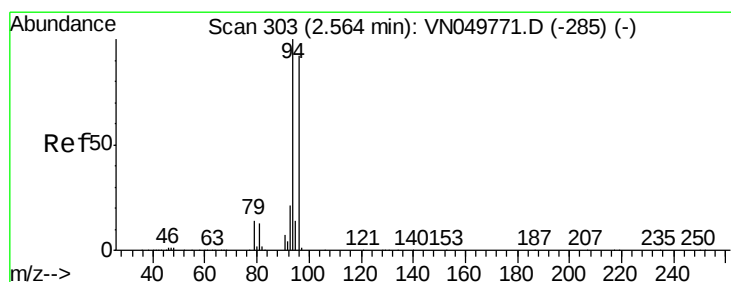
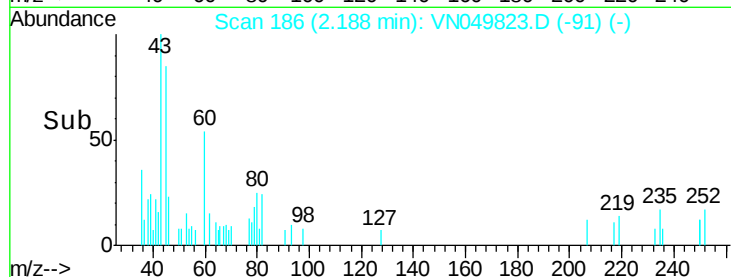


Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 309

Delta R.T. 0.02 min

Lab File: VN049823.D

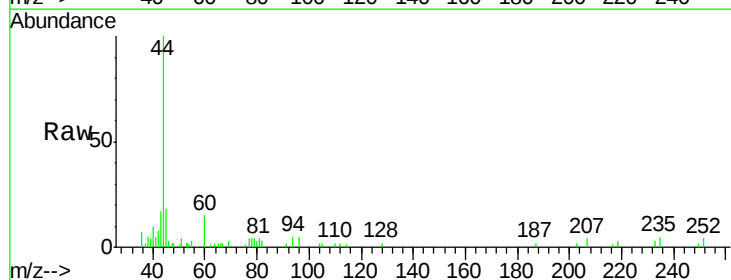
Acq: 14 Jul 2018 3:22

Tgt Ion: 94 Resp: 1268

Ion Ratio Lower Upper

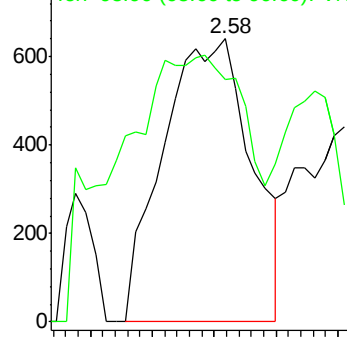
94 100

96 30.2 75.7 113.5#

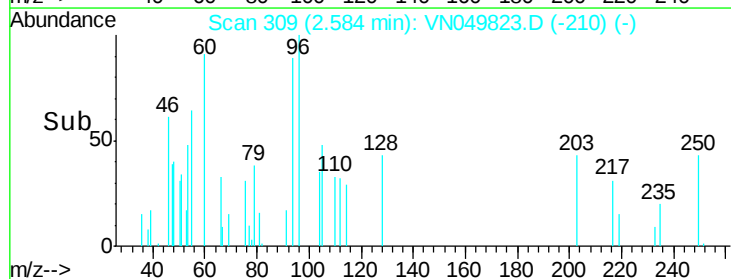


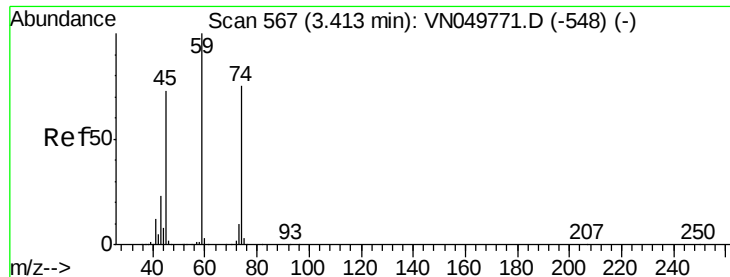
Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->





#8

Diethyl Ether

Concen: 0.28 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

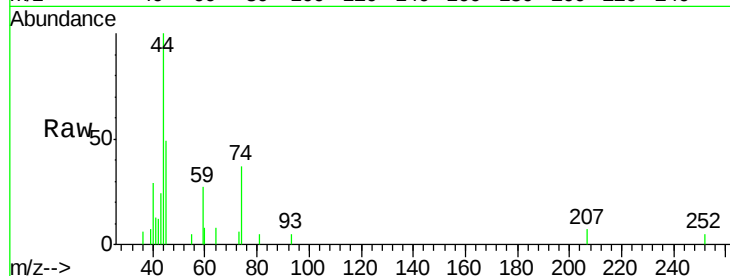
CL-02-071118-D

Tot Ion: 74 Resp: 2271

Ion Ratio Lower Upper

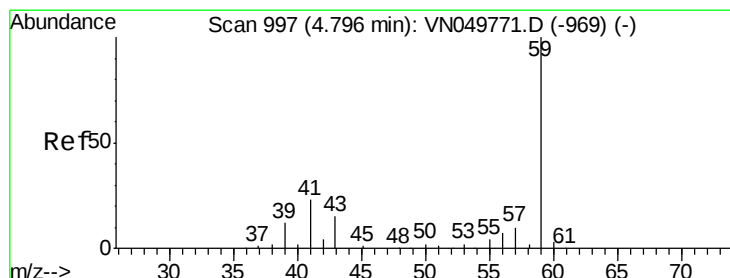
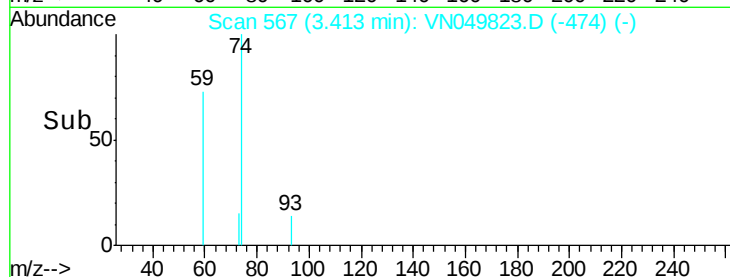
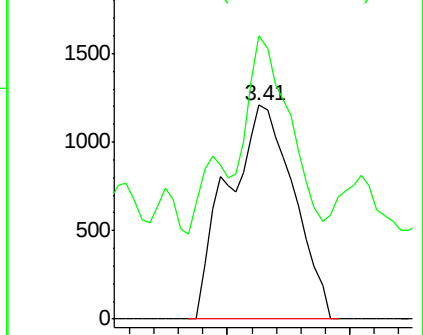
74 100

45 53.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.63 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049823.D

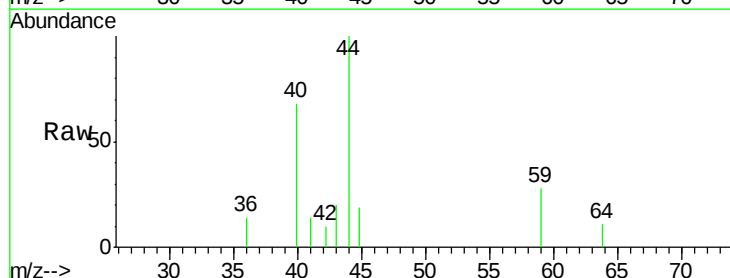
Acq: 14 Jul 2018 3:22

Tgt Ion: 59 Resp: 573

Ion Ratio Lower Upper

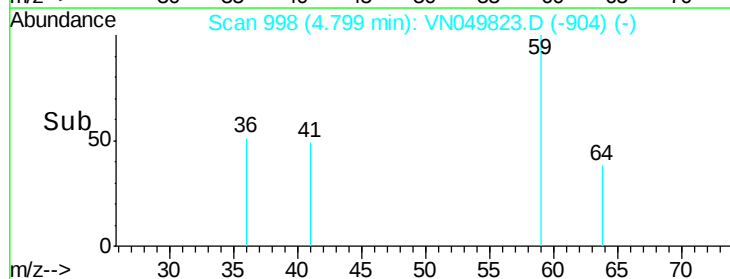
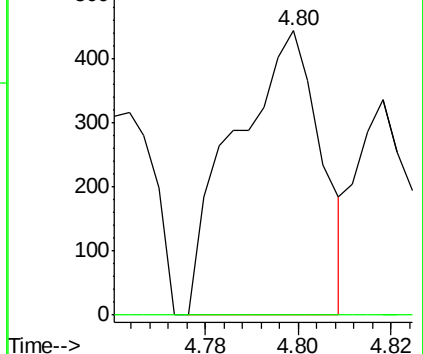
59 100

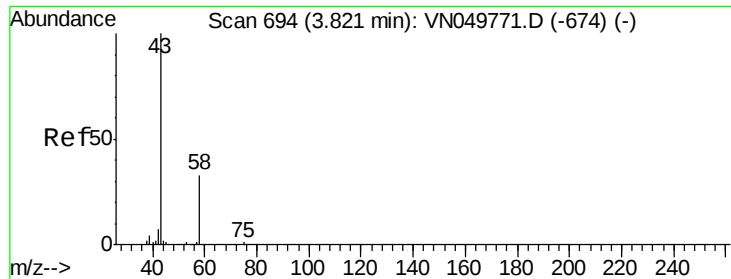
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 30.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

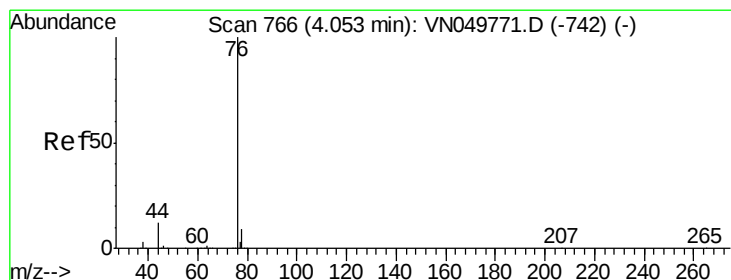
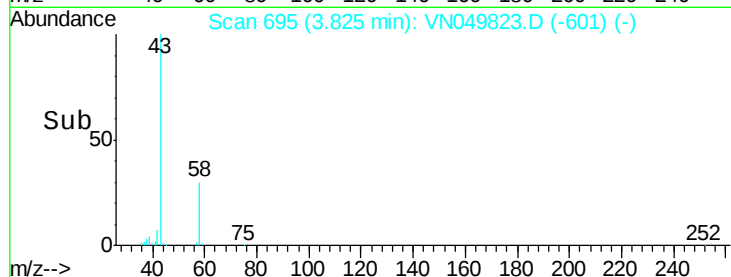
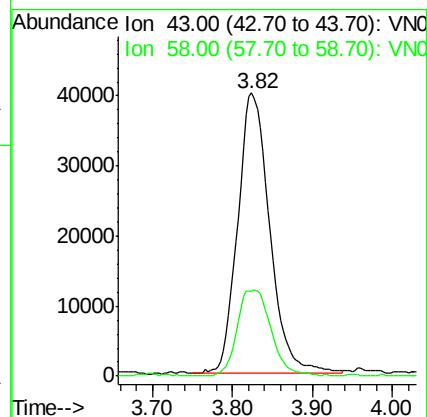
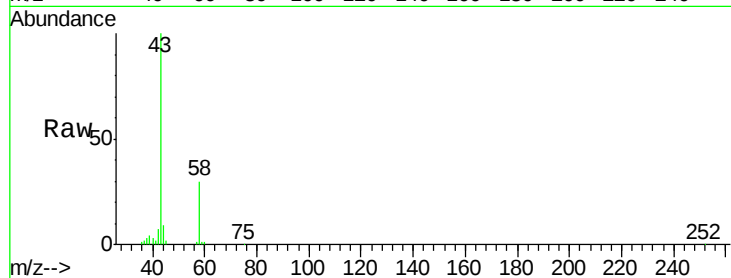
CL-02-071118-D

Tot Ion: 43 Resp: 108926

Ion Ratio Lower Upper

43 100

58 30.2 25.9 38.9



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.06 min Scan# 768

Delta R.T. 0.01 min

Lab File: VN049823.D

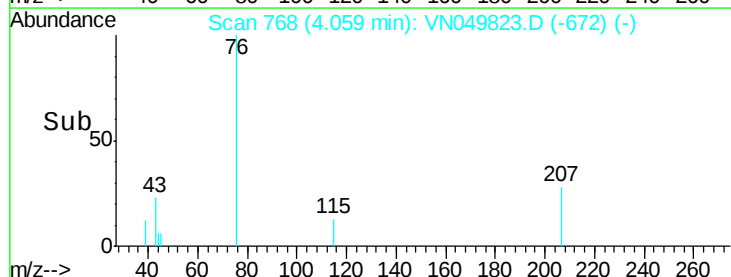
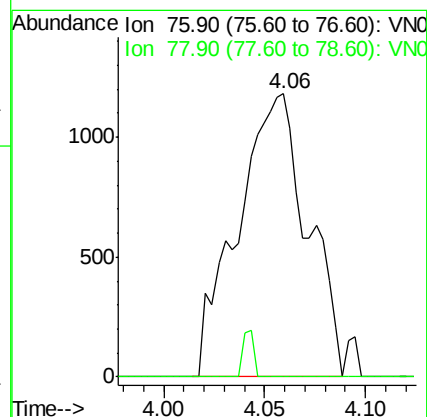
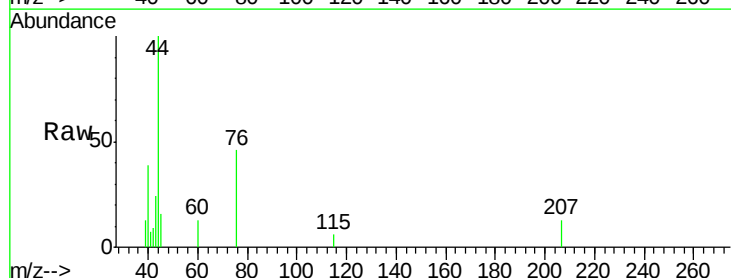
Acq: 14 Jul 2018 3:22

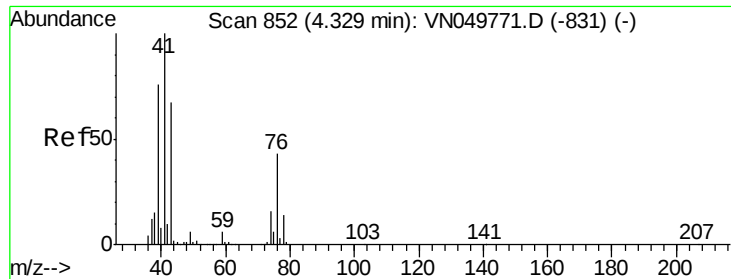
Tgt Ion: 76 Resp: 2845

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

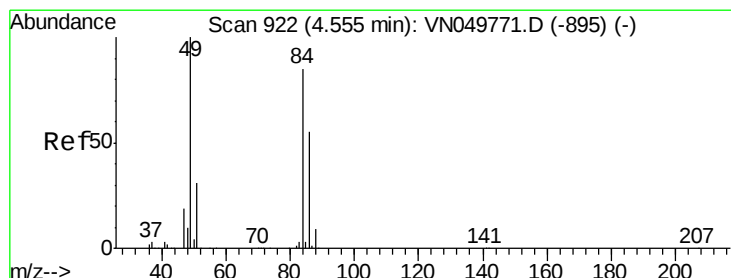
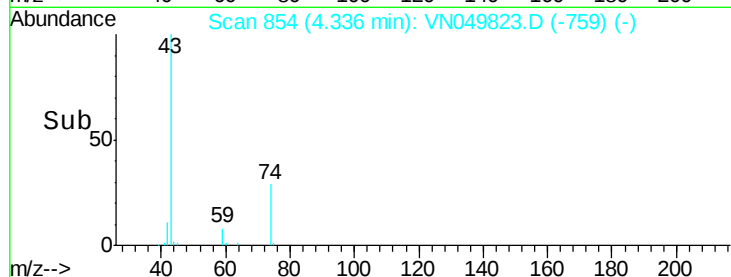
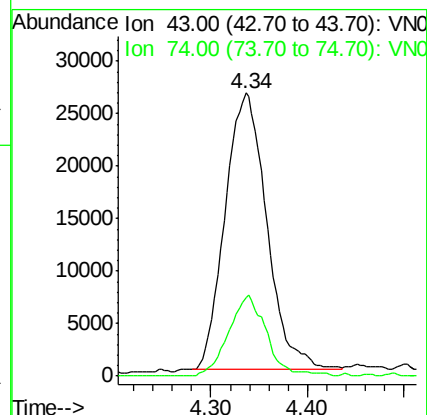
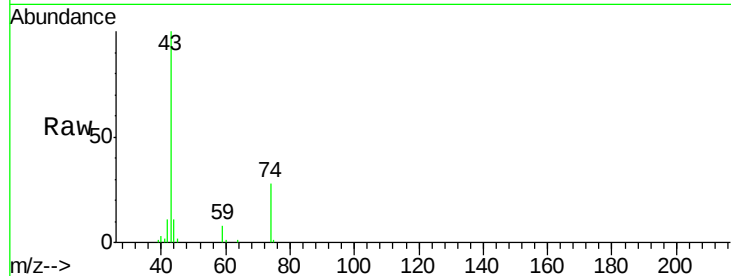




#18
Methvl Acetate
Concen: 6.24 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

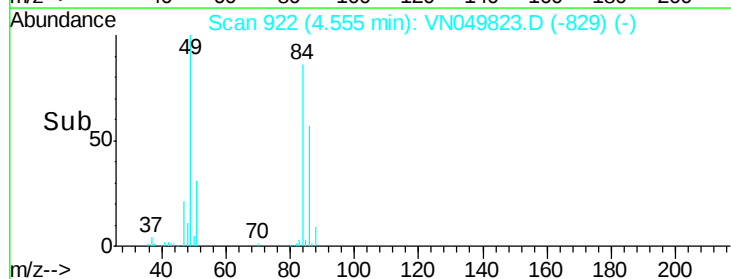
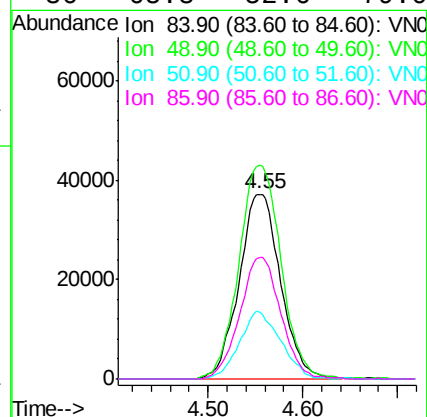
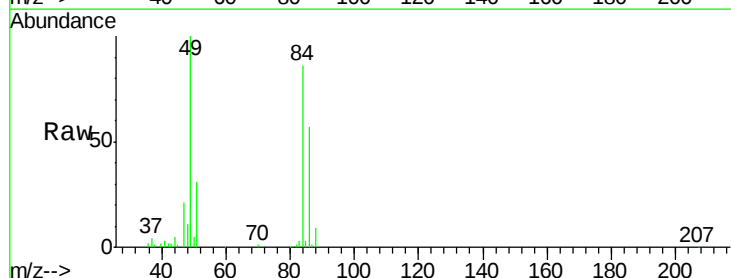
Instrument :
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ClientSampleId :
CL-02-071118-D

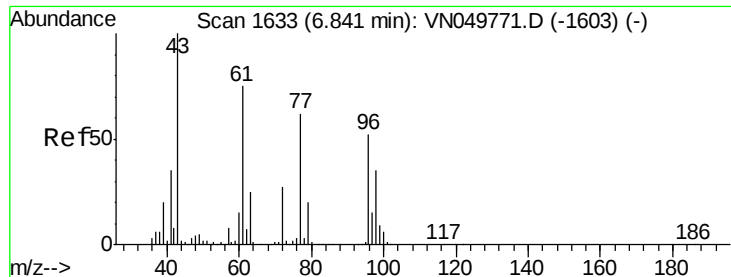
Tot Ion: 43 Resp: 78816
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.8



#20
Methylene Chloride
Concen: 7.25 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion: 84 Resp: 112937
Ion Ratio Lower Upper
84 100
49 115.7 95.4 143.2
51 36.3 28.4 42.6
86 65.8 52.6 79.0

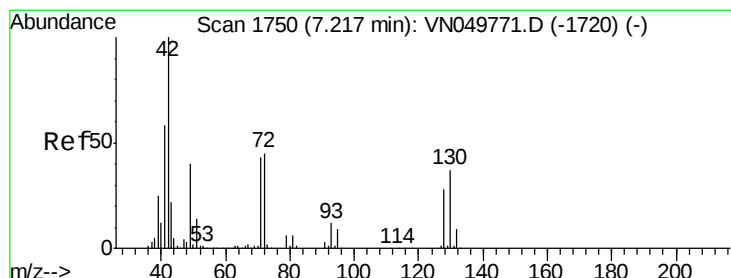
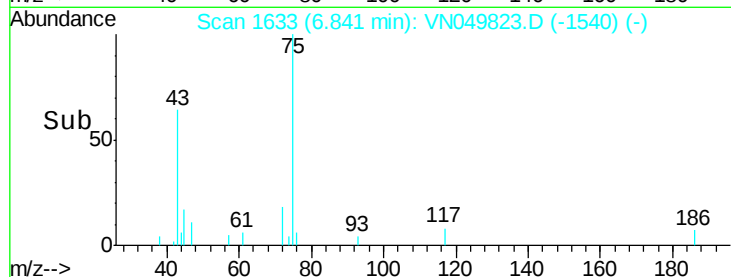
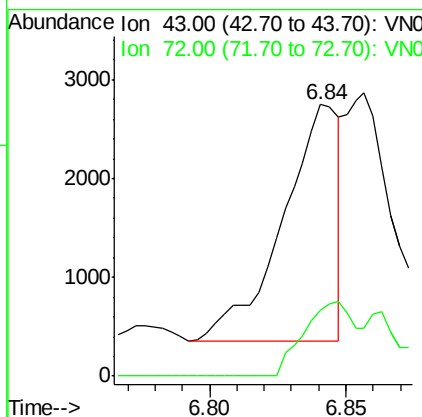
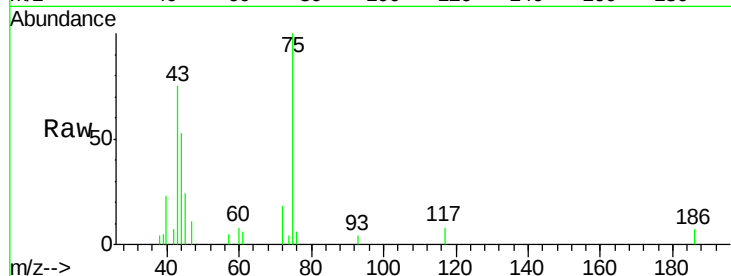




#25
2-Butanone
Concen: 0.64 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

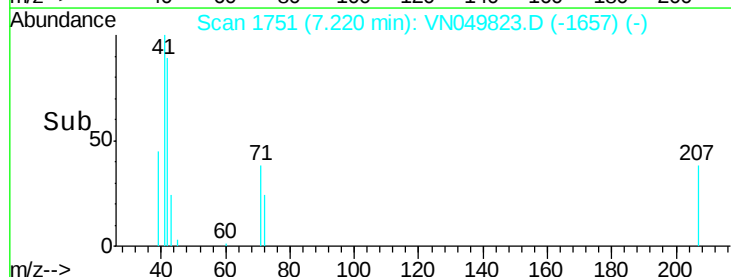
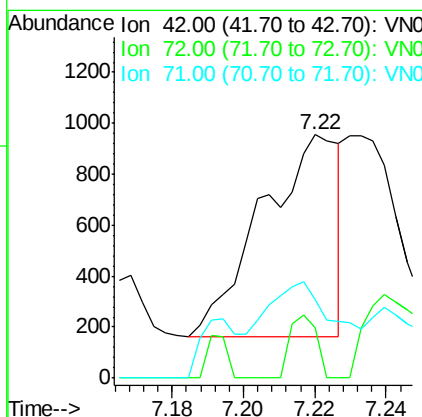
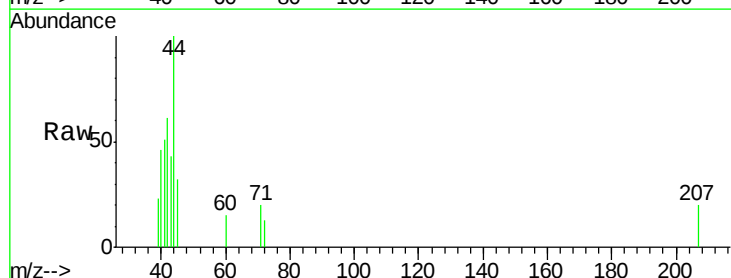
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MSVOA_N
ClientSampleId :
CL-02-071118-D

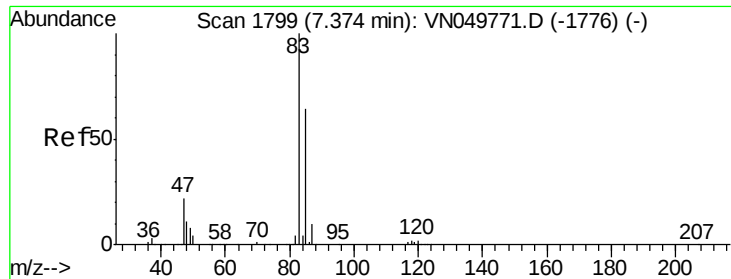
Tot Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion: 42 Resp: 1184
Ion Ratio Lower Upper
42 100
72 10.7 35.6 53.4#
71 44.7 34.0 51.0

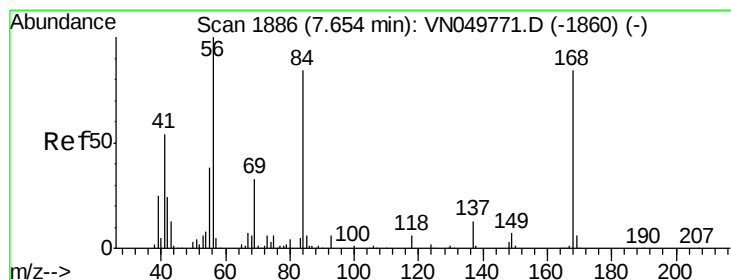
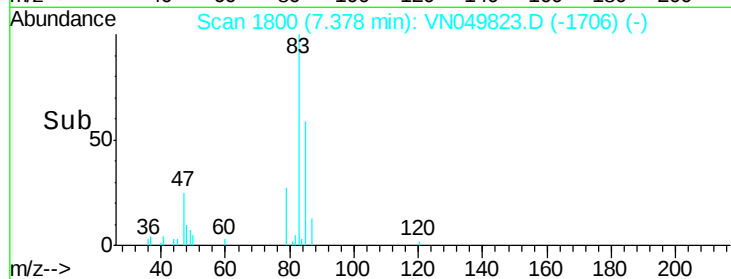
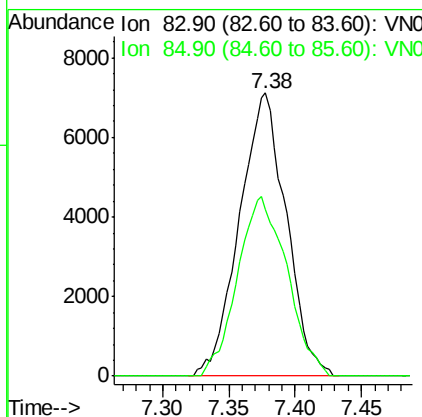
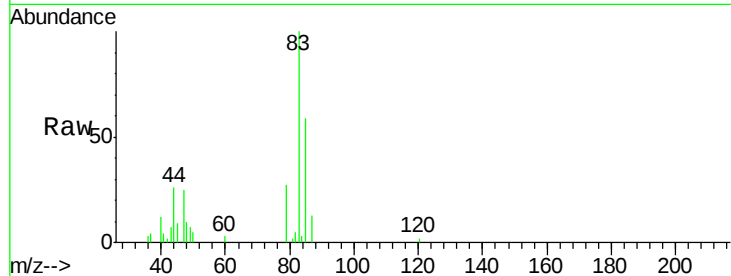




#30
Chloroform
Concen: 0.63 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

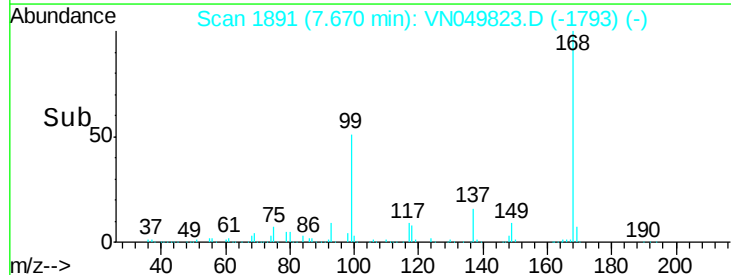
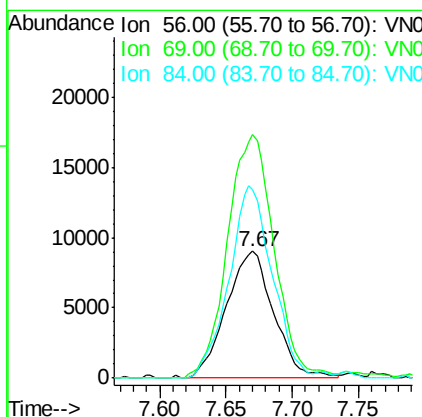
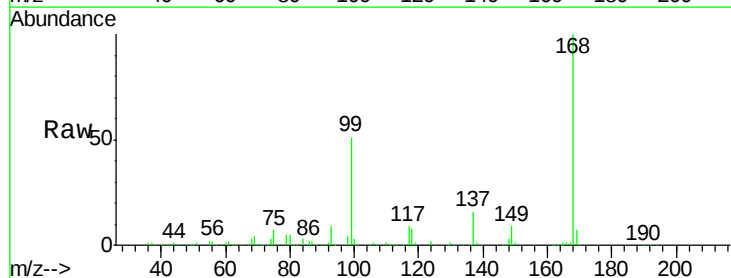
Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-D

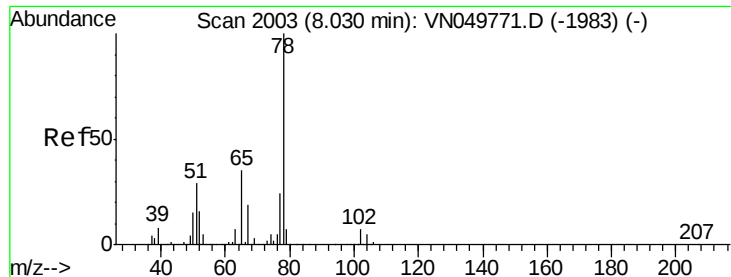
Tot Ion: 83 Resp: 17485
Ion Ratio Lower Upper
83 100
85 59.1 51.4 77.2



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion: 56 Resp: 22462
Ion Ratio Lower Upper
56 100
69 188.8 26.6 40.0#
84 149.2 69.0 103.6#

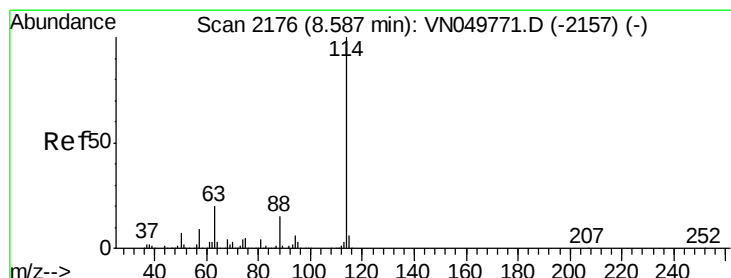
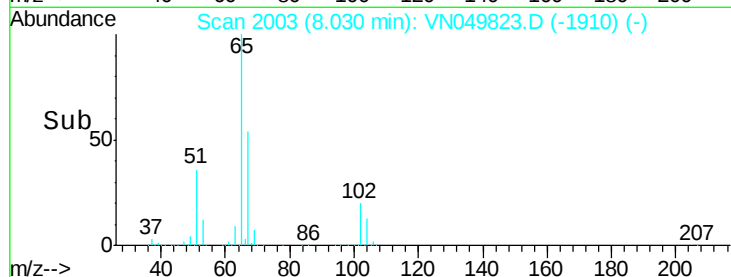
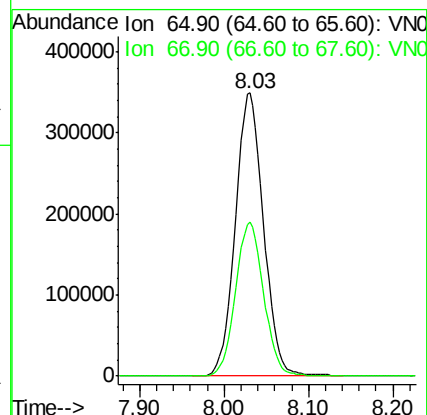
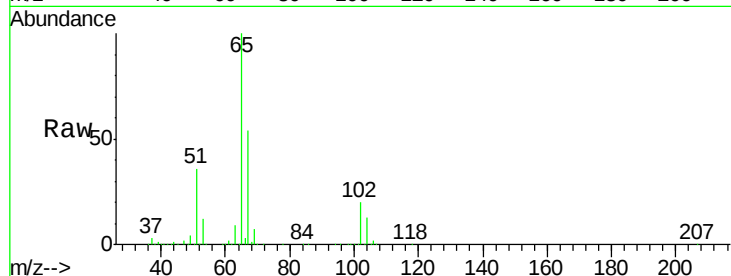




#33
 1,2-Dichloroethane-d4
 Concen: 59.24 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

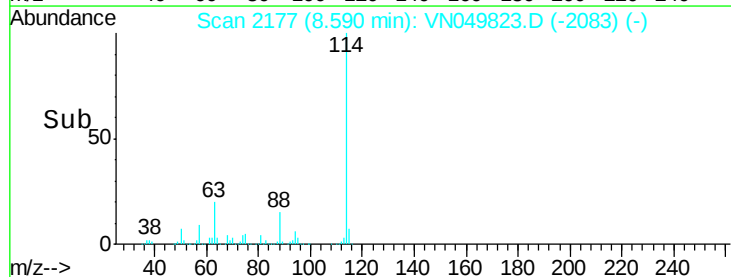
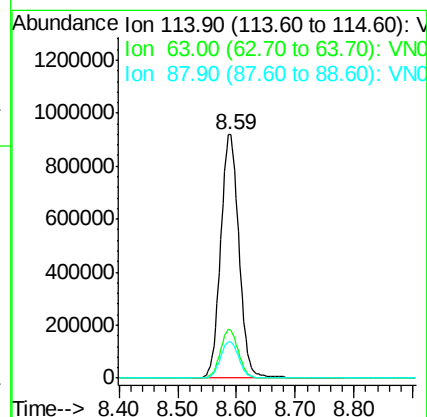
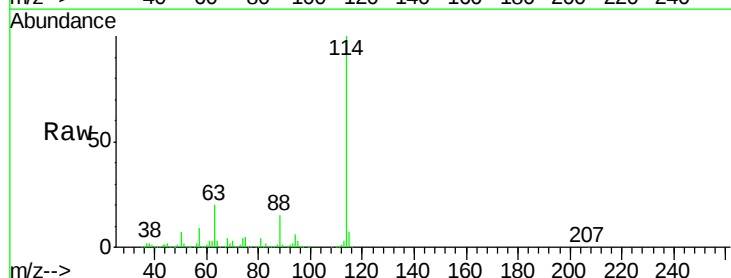
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

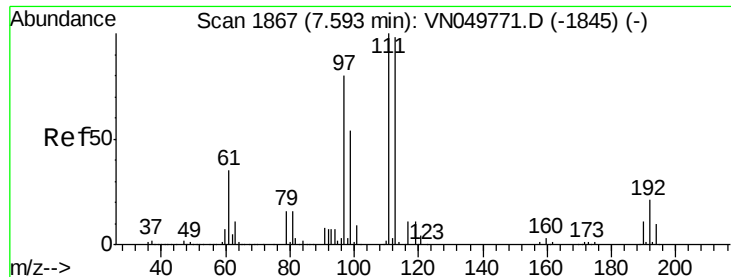
Tot Ion: 65 Resp: 811331
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion: 114 Resp: 1970705
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.1 0.0 30.6

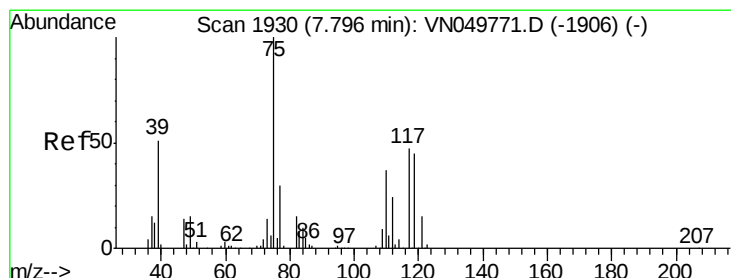
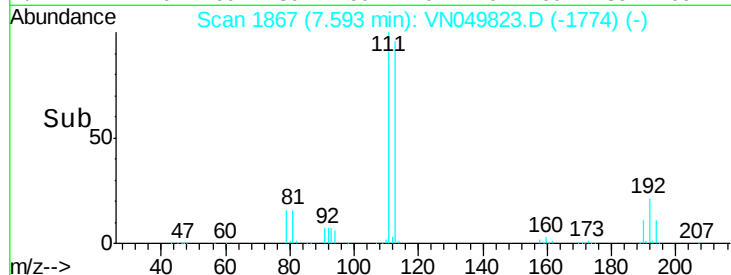
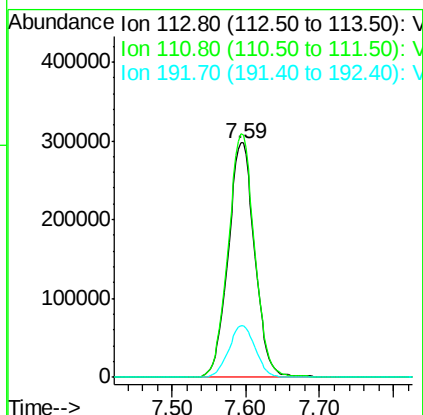
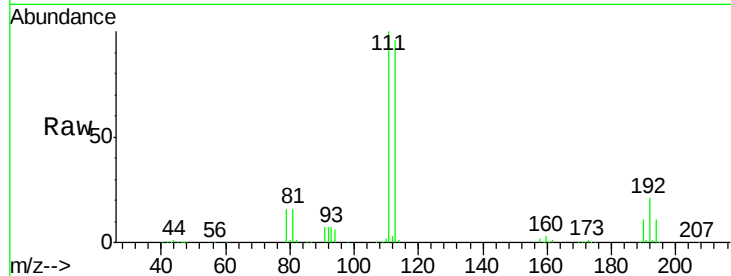




#35
 Dibromofluoromethane
 Concen: 49.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

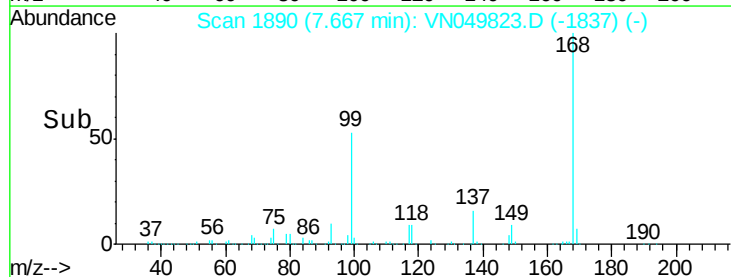
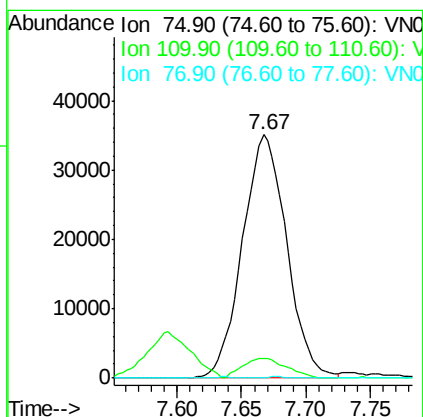
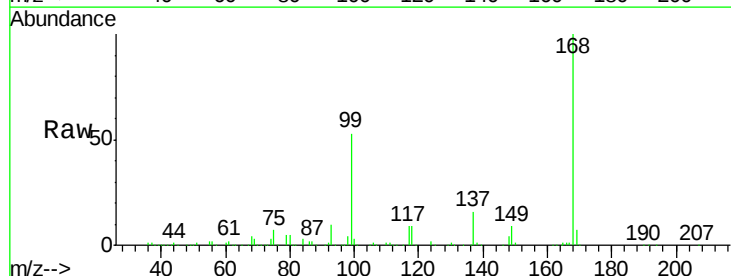
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

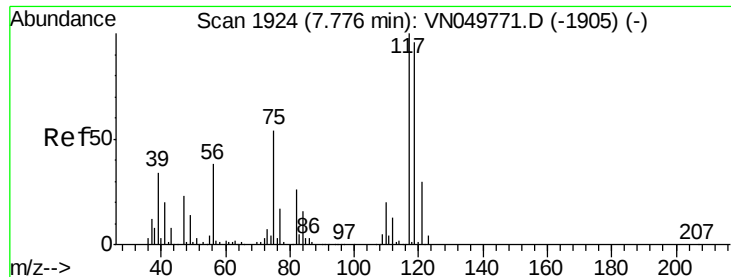
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.69 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.1	24.9	37.3#

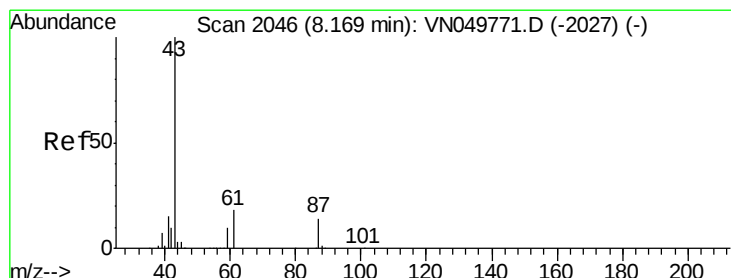
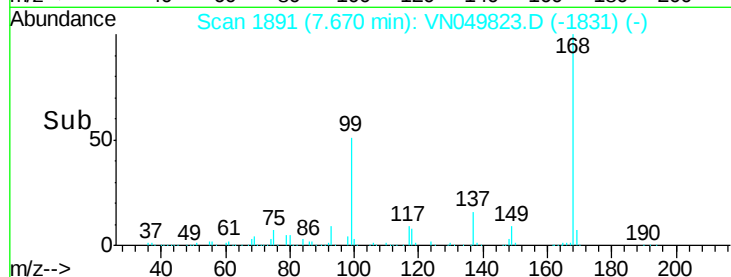
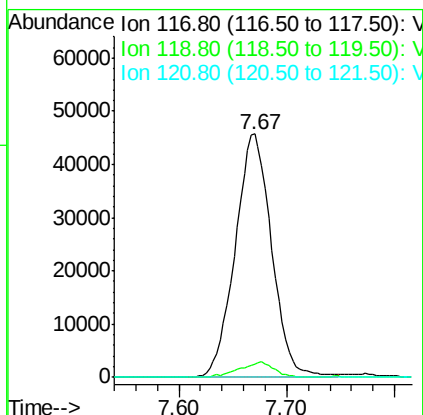
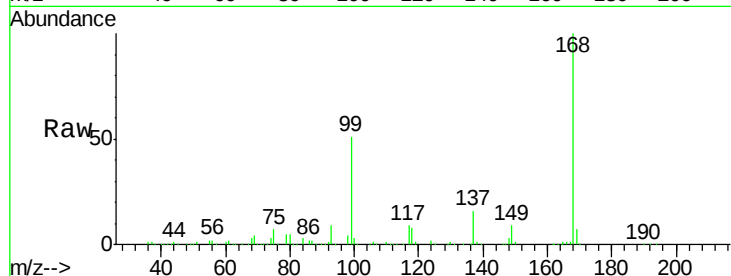




#38
Carbon Tetrachloride
Concen: 4.54 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

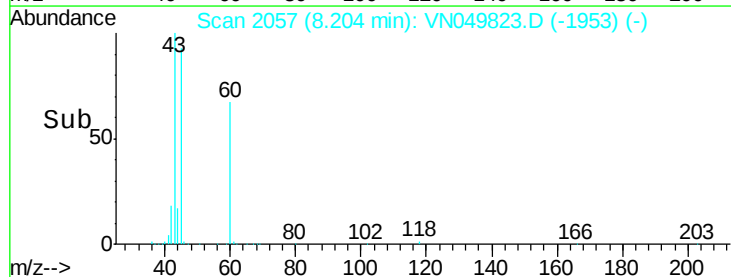
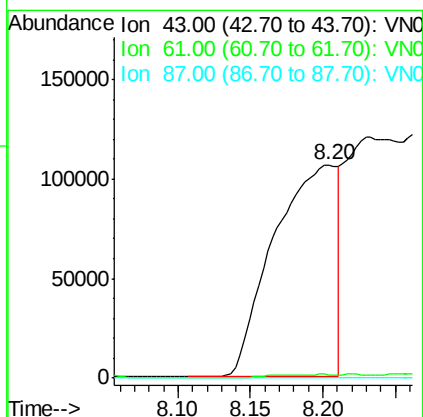
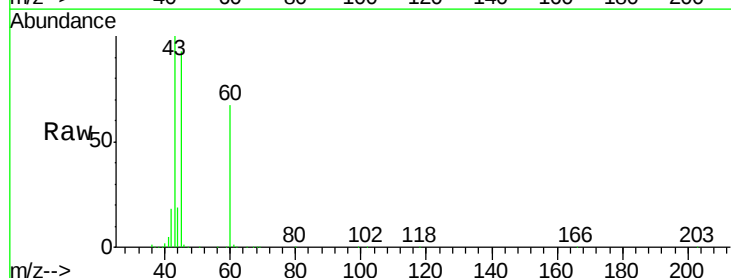
Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-D

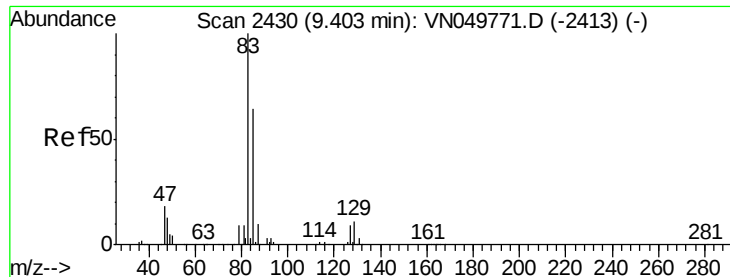
Tot Ion:117 Resp: 107753
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 13.38 ug/l
RT: 8.20 min Scan# 2057
Delta R.T. 0.04 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion: 43 Resp: 323326
Ion Ratio Lower Upper
43 100
61 0.2 14.9 22.3#
87 0.0 10.0 15.0#





#47

Bromodichloromethane

Concen: 0.28 ug/l

RT: 9.40 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-D

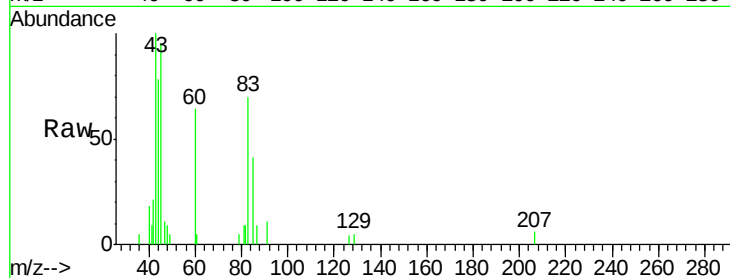
Tot Ion: 83 Resp: 6637

Ion Ratio Lower Upper

83 100

85 59.0 50.5 75.7

127 6.0 6.8 10.2#

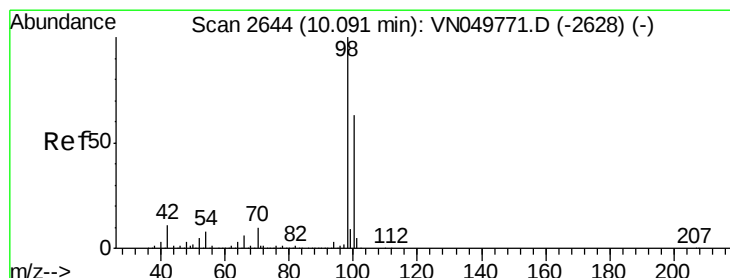
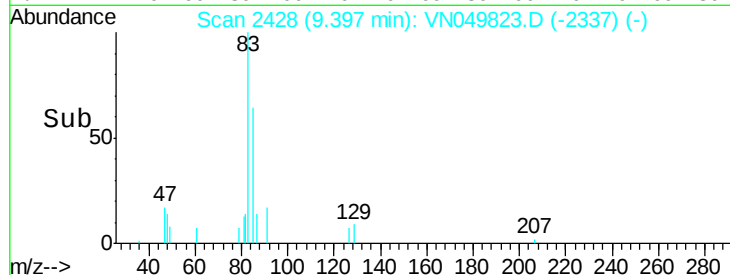


Abundance Ion 82.90 (82.60 to 83.60): VN049823.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049823.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049823.D (-2337) (-)

Time-->



#50

Toluene-d8

Concen: 51.20 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049823.D

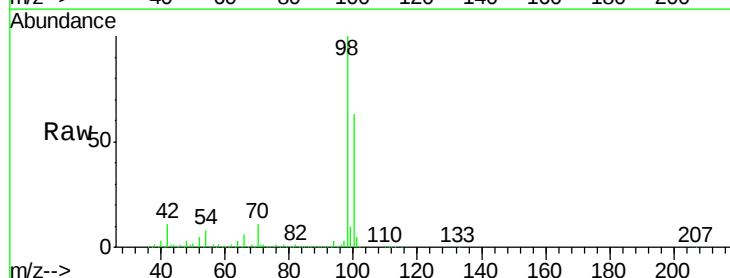
Acq: 14 Jul 2018 3:22

Tgt Ion: 98 Resp: 2603225

Ion Ratio Lower Upper

98 100

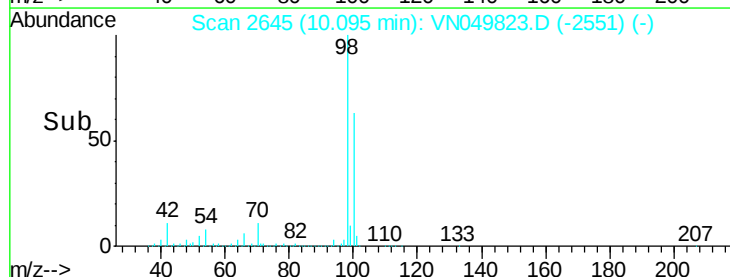
100 63.7 51.7 77.5

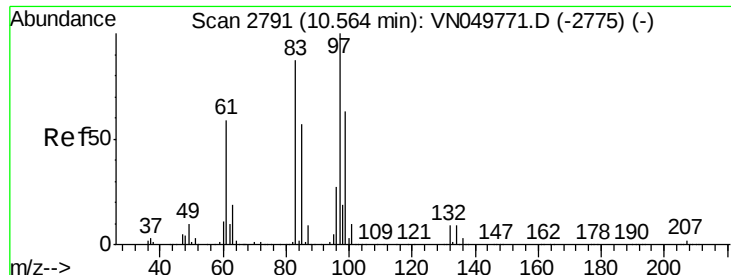


Abundance Ion 98.00 (97.70 to 98.70): VN049823.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049823.D (-2551) (-)

Time-->

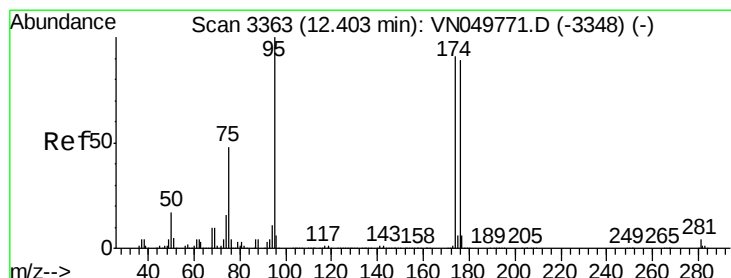
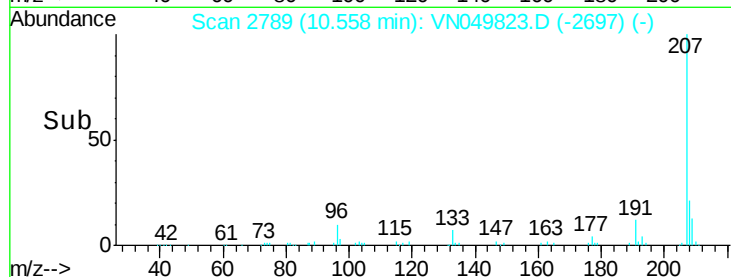
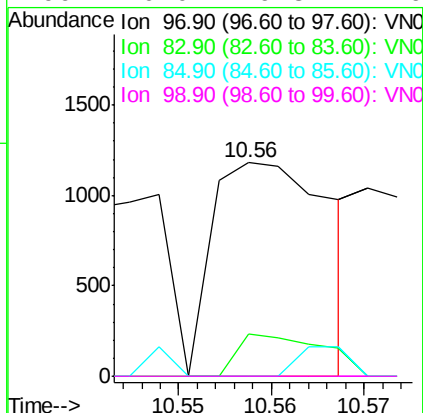
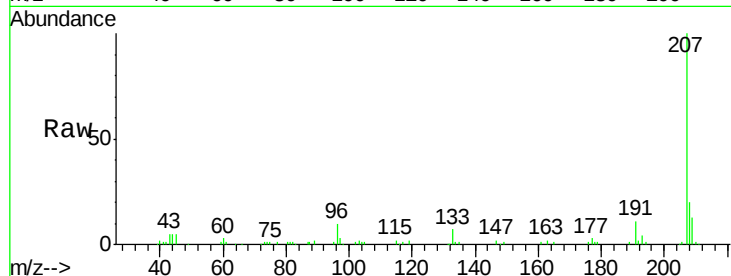




#55
 1,1,2-Trichloroethane
 Concen: Below Cal
 RT: 10.56 min Scan# 2789
 Delta R.T. -0.01 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

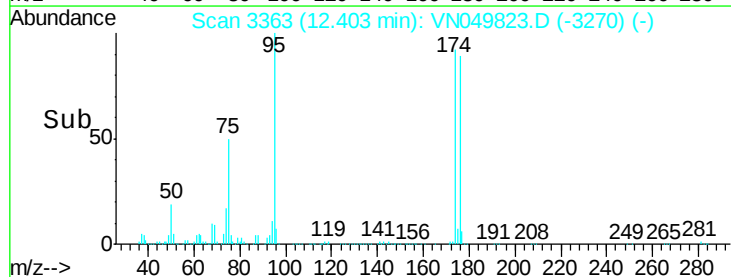
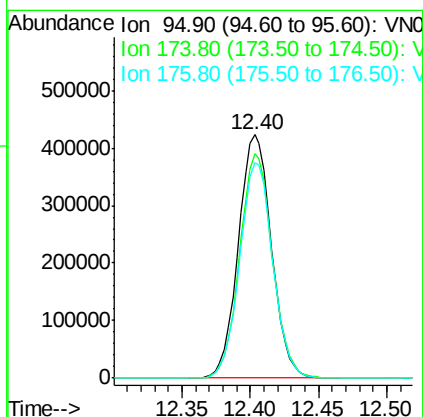
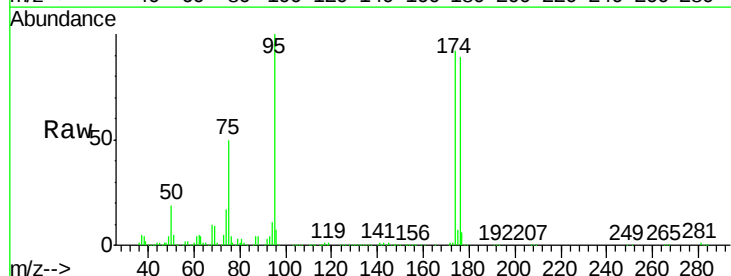
Instrument :
 MSVOA_N
 ClientSampled :
 CL-02-071118-D

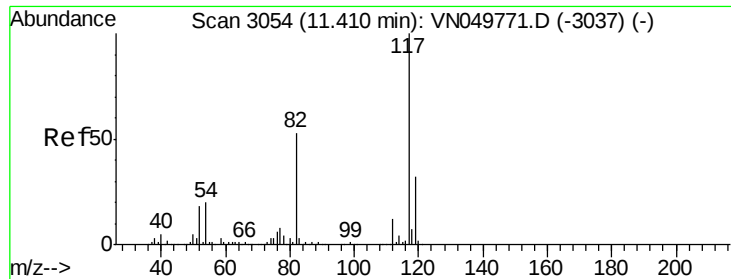
Tot Ion: 97 Resp: 1045
 Ion Ratio Lower Upper
 97 100
 83 19.5 69.0 103.6#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.6#



#62
 4-Bromofluorobenzene
 Concen: 39.23 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion: 95 Resp: 712372
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 179.6
 176 88.4 0.0 174.0

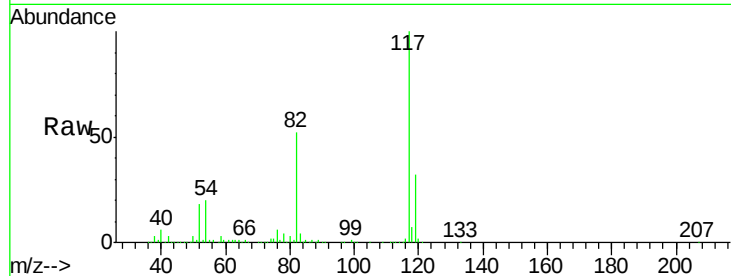




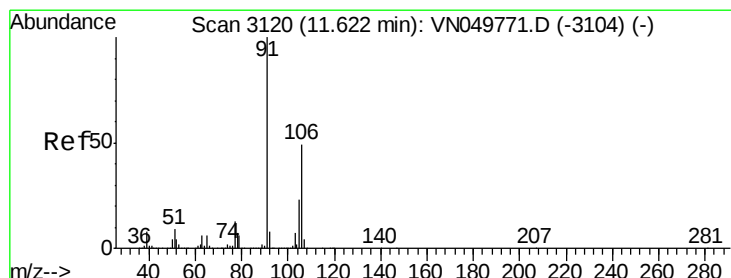
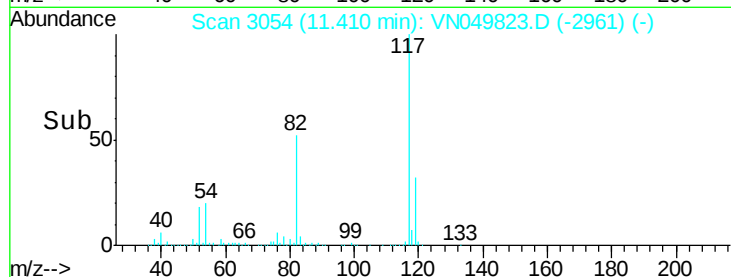
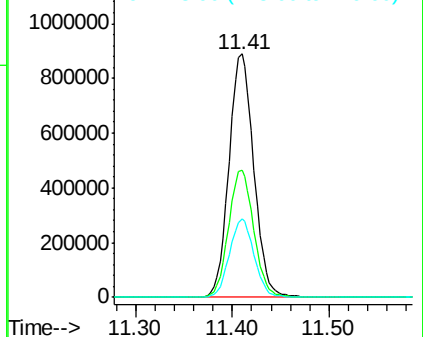
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-D

Tot Ion:117 Resp: 1584703
Ion Ratio Lower Upper
117 100
82 52.2 41.9 62.9
119 32.1 25.4 38.2

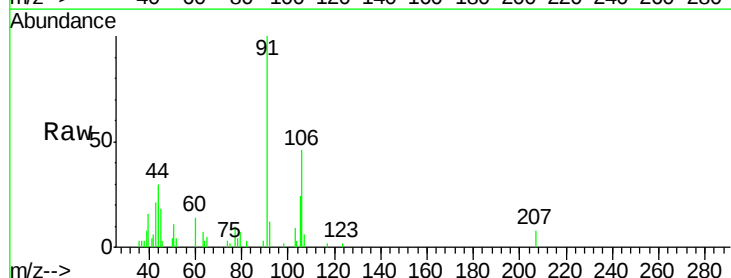


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

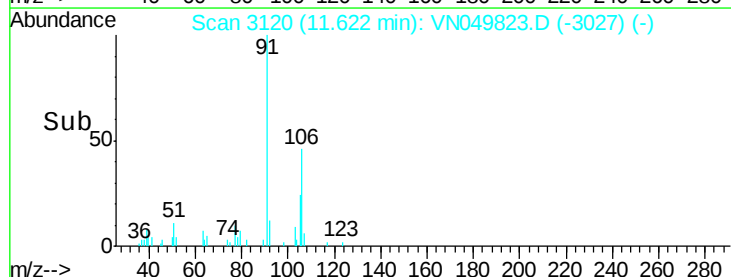
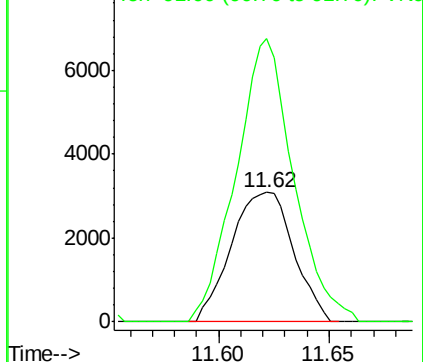


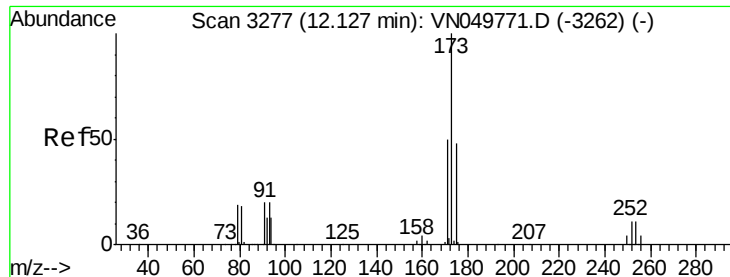
#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion:106 Resp: 6040
Ion Ratio Lower Upper
106 100
91 201.7 163.4 245.2



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

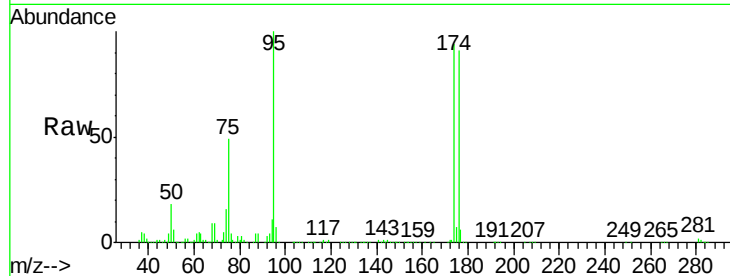




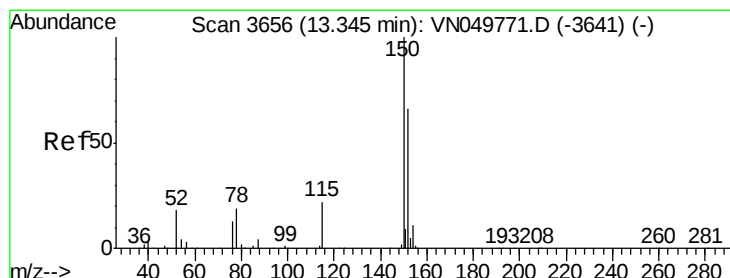
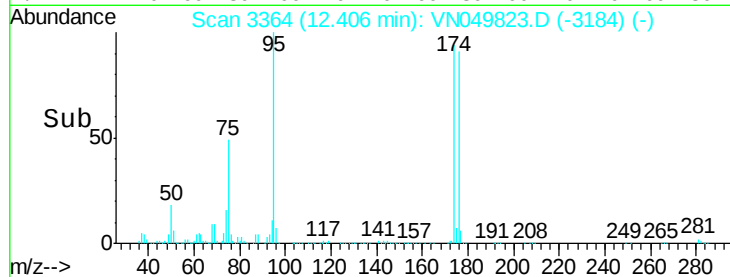
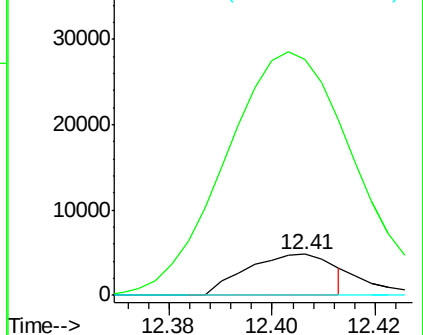
#71
Bromoform
Concen: 0.53 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-D

Tot Ion:173 Resp: 5604
Ion Ratio Lower Upper
173 100
175 728.0 24.6 73.8#
254 0.0 0.2 0.2#

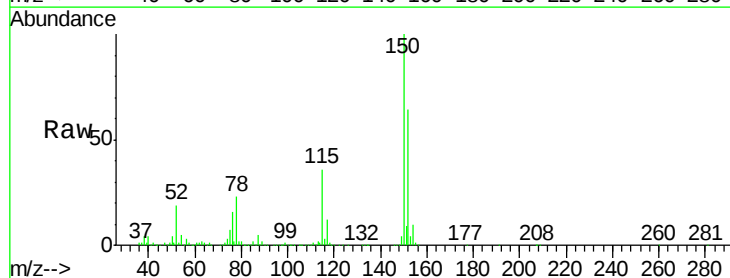


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

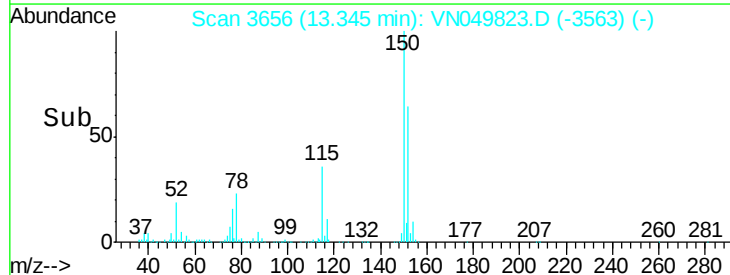
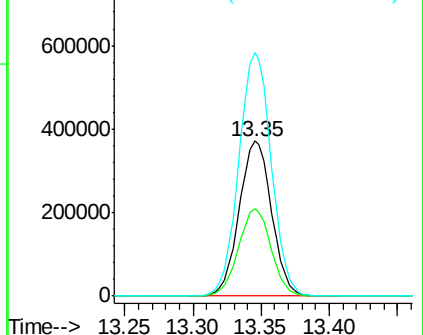


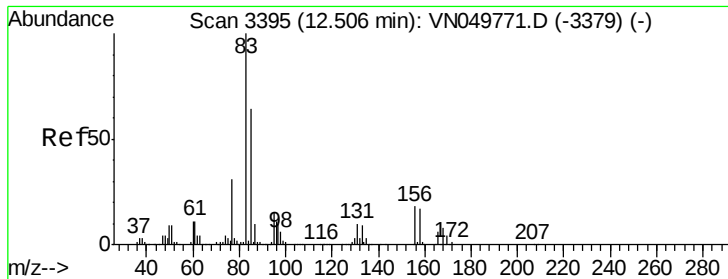
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion:152 Resp: 611325
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 157.3 0.0 347.6



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

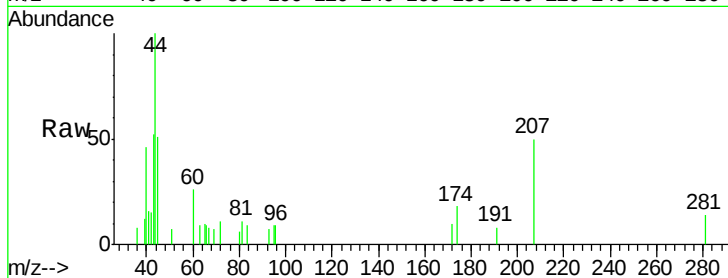




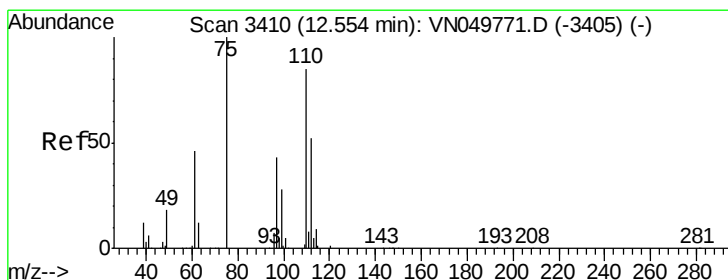
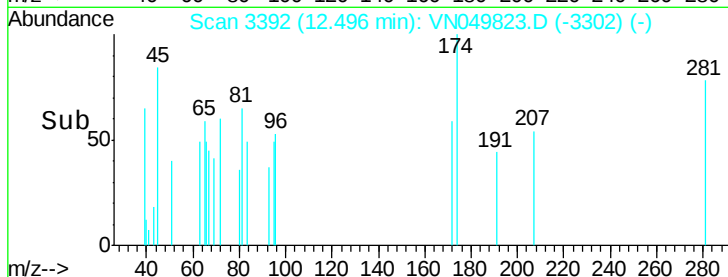
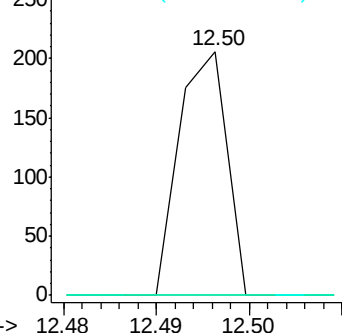
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3392
 Delta R.T. -0.01 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Instrument :
 MSVOA_N
 ClientSampleID :
 CL-02-071118-D

Tot Ion: 83 Resp: 74
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 0.0 32.5 97.4#

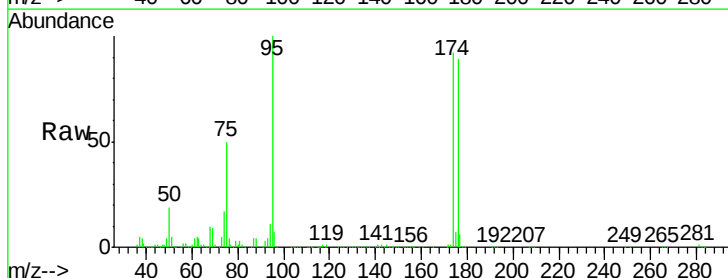


Abundance Ion 82.90 (82.60 to 83.60): VNC
 Ion 130.80 (130.50 to 131.50): VNC
 Ion 84.90 (84.60 to 85.60): VNC

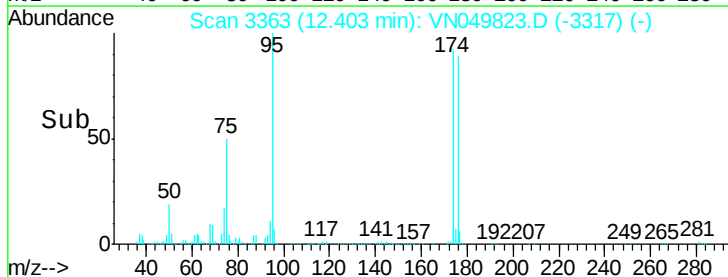
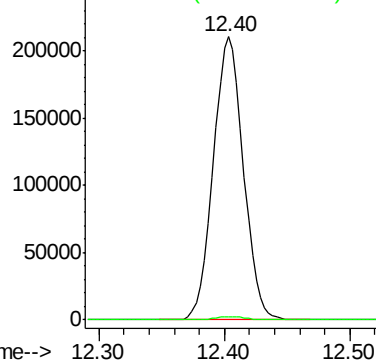


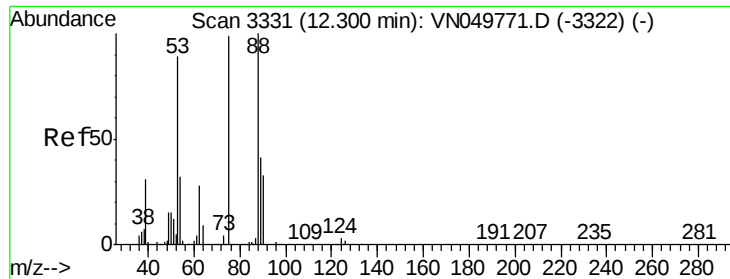
#76
 1,2,3-Trichloropropane
 Concen: 32.31 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion: 75 Resp: 350918
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC
 Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 104.35 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-D

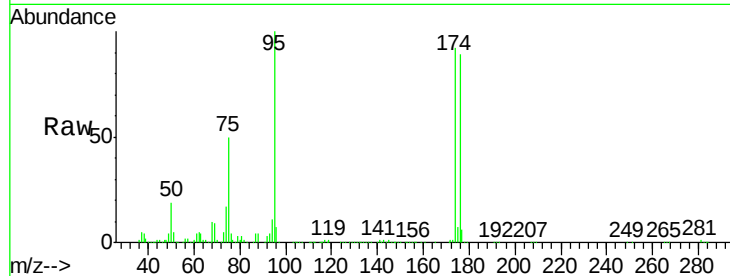
Tot Ion: 75 Resp: 350918

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

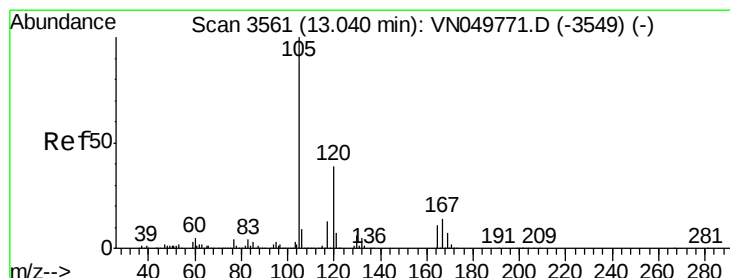
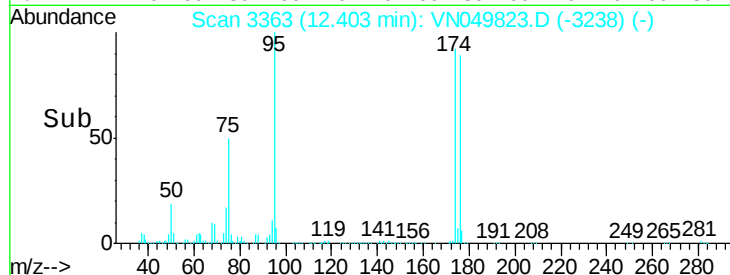
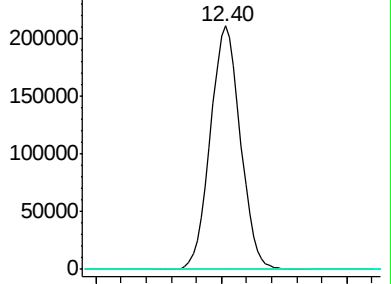
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049823.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049823.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049823.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049823.D

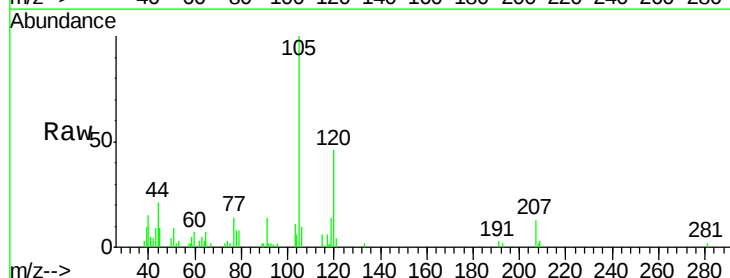
Acq: 14 Jul 2018 3:22

Tgt Ion: 105 Resp: 18584

Ion Ratio Lower Upper

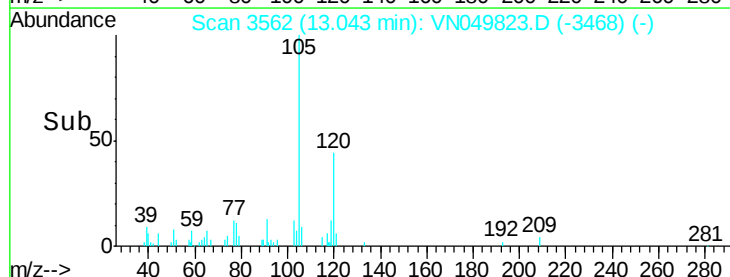
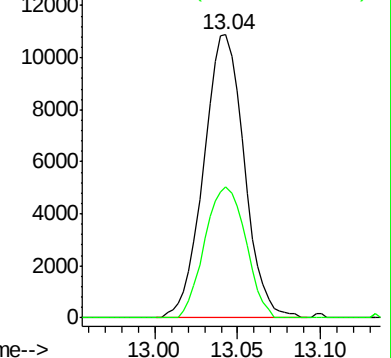
105 100

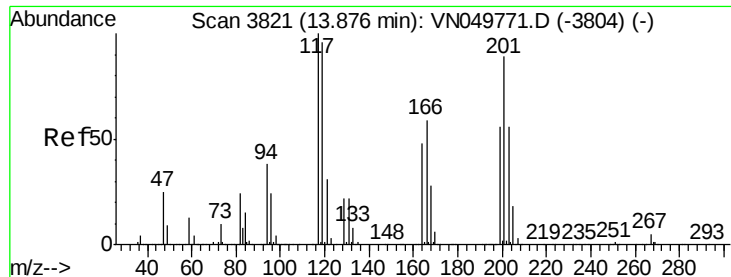
120 46.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): VN049823.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049823.D (-3562) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

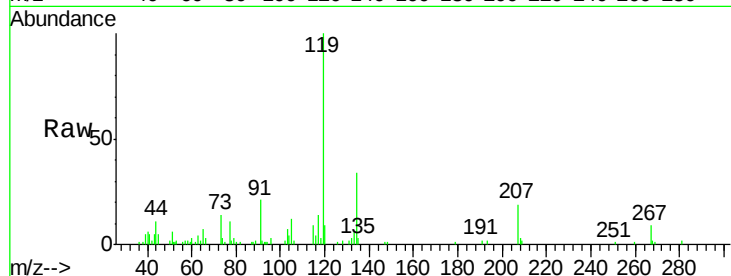
CL-02-071118-D

Tot Ion:117 Resp: 3827

Ion Ratio Lower Upper

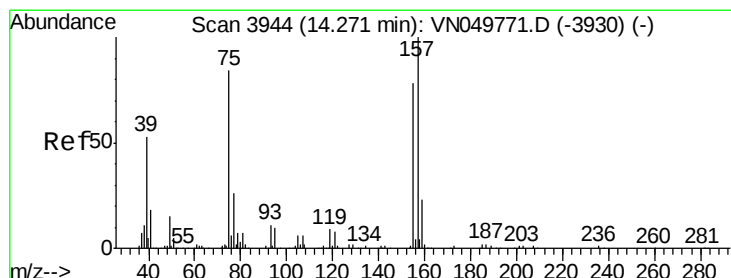
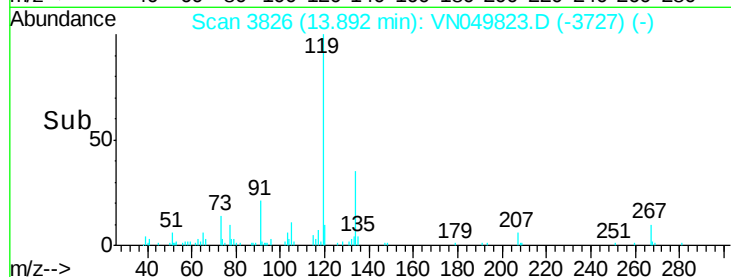
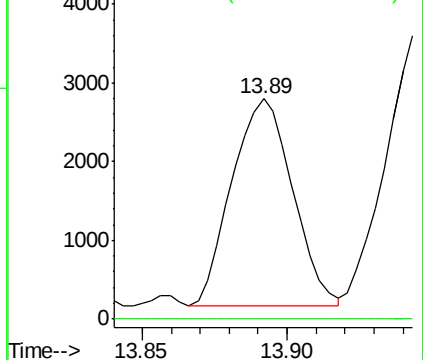
117 100

201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

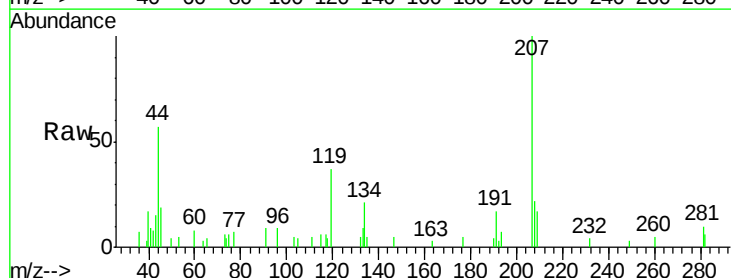
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

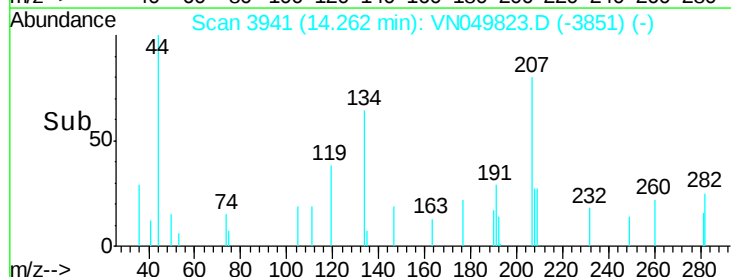
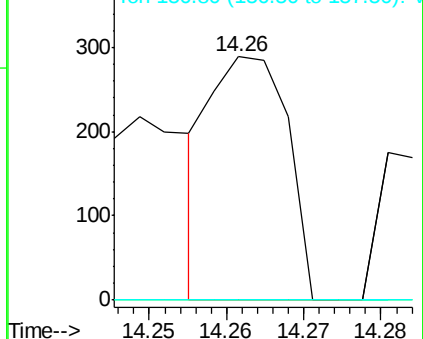
157 0.0 56.9 170.7#

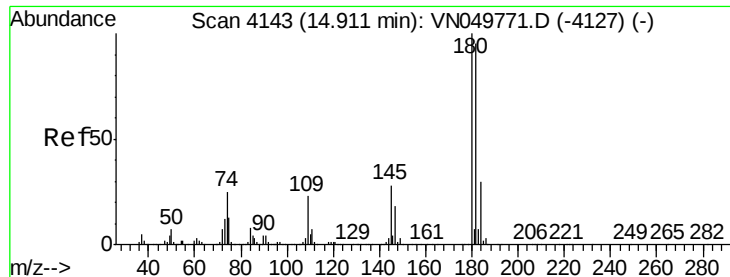


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

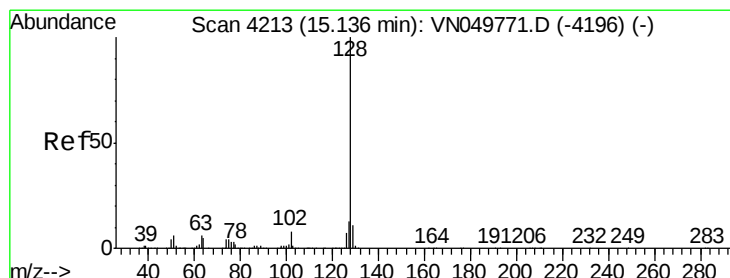
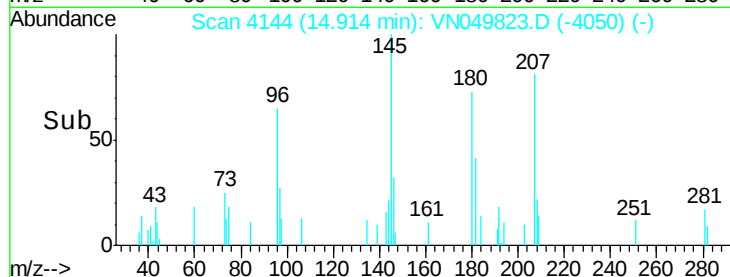
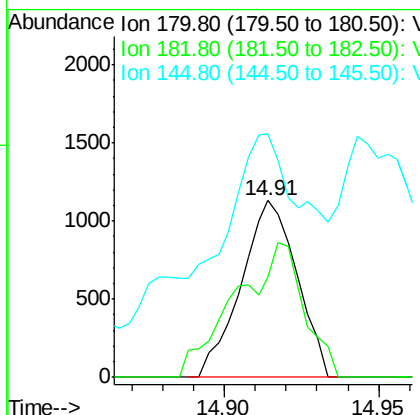
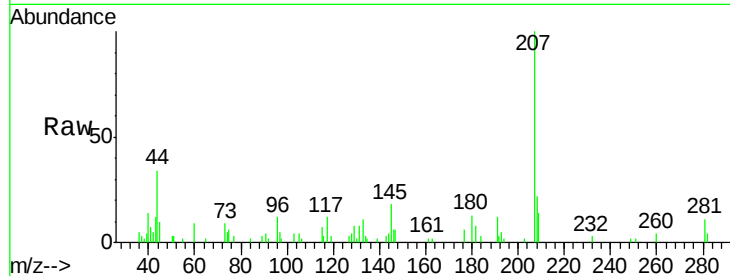




#93
 1,2,4-Trichlorobenzene
 Concen: 3.00 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

Tot Ion:180 Resp: 1418
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.3 141.9
 145 267.1 14.4 43.0#



#95
 Naphthalene
 Concen: 10.74 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion:128 Resp: 197468
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 10.9 8.6 13.0

