

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049822.D
 Acq On : 14 Jul 2018 2:56
 Operator : MD\SY
 Sample : J3825-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Jul 14 04:16:08 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	1178927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1957420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1577888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	577916	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	813137	59.29	ug/l	0.00
Spiked Amount			Recovery	=	118.58%	
35) Dibromofluoromethane	7.59	113	740463	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	2607466	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	705632	39.12	ug/l	0.00
Spiked Amount			Recovery	=	78.24%	

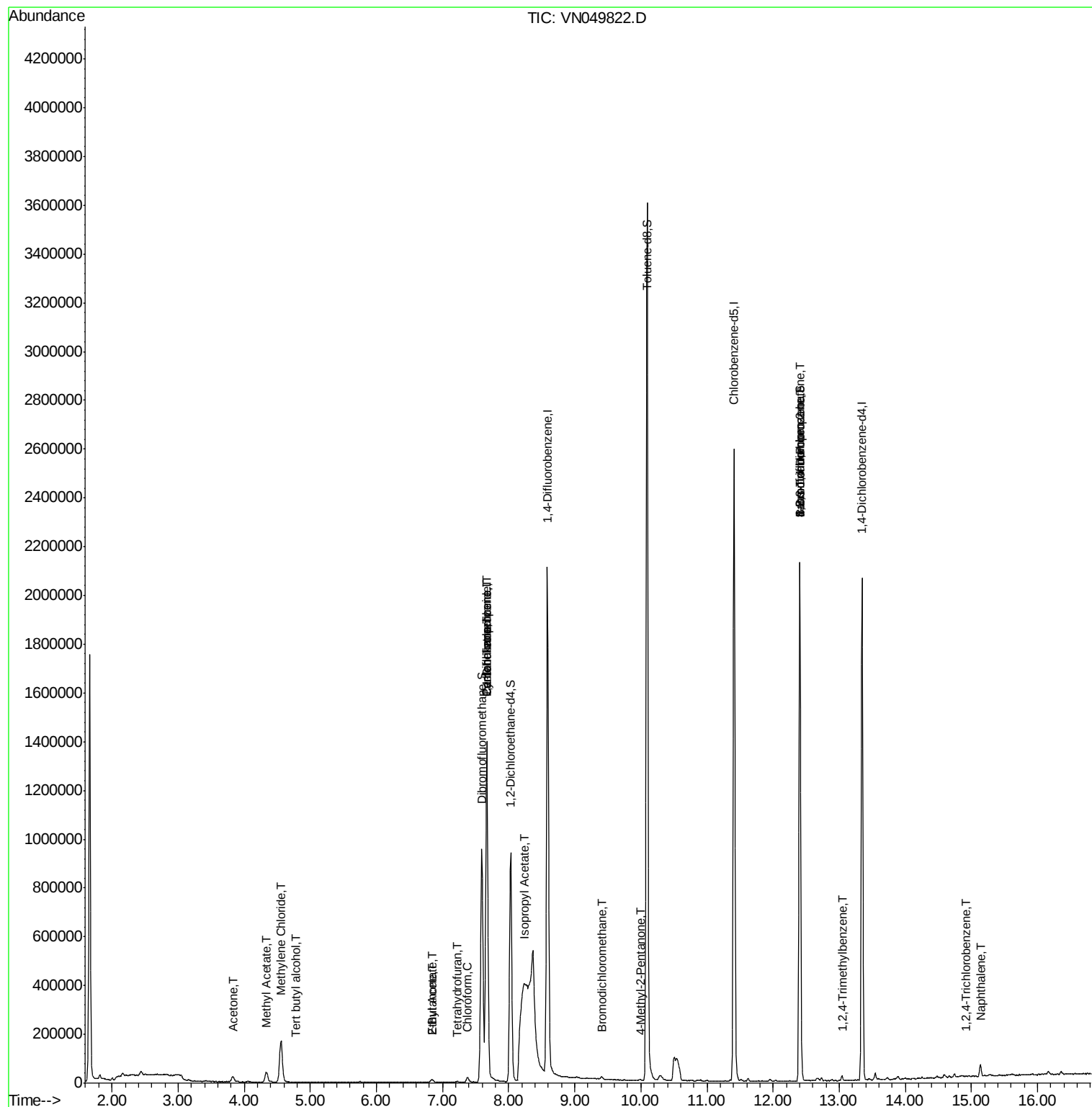
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1752	Below Cal	#	88
4) Vinyl Chloride	2.18	62	164	Below Cal	#	60
5) Bromomethane	2.58	94	1327	Below Cal	#	58
11) Tert butyl alcohol	4.79	59	205	0.22	ug/l	# 72
16) Acetone	3.83	43	38959	9.54	ug/l	98
17) Carbon Disulfide	4.05	76	1767	Below Cal	#	75
18) Methyl Acetate	4.33	43	78095	6.17	ug/l	99
20) Methylene Chloride	4.56	84	131430	8.58	ug/l	97
25) 2-Butanone	6.85	43	7565	1.42	ug/l	95
29) Tetrahydrofuran	7.23	42	1815	0.54	ug/l	# 66
30) Chloroform	7.37	83	17298	0.63	ug/l	# 83
31) Cyclohexane	7.67	56	21764	0.77	ug/l	# 3
36) 1,1-Dichloropropene	7.67	75	82126	3.64	ug/l	# 49
37) Ethyl Acetate	6.85	43	7565	0.57	ug/l	# 69
38) Carbon Tetrachloride	7.67	117	106641	4.52	ug/l	# 17
43) Isopropyl Acetate	8.23	43	567059	23.63	ug/l	# 63
47) Bromodichloromethane	9.41	83	6213	0.26	ug/l	# 92
51) 4-Methyl-2-Pentanone	9.99	43	3178	0.24	ug/l	# 82
55) 1,1,2-Trichloroethane	10.57	97	506	Below Cal	#	15
71) Bromoform	12.40	173	6283	0.60	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.56	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	339409	33.06	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	339409	106.76	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	9265	0.24	ug/l	79
90) Hexachloroethane	13.89	117	480	Below Cal	#	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	204	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	408	2.92	ug/l	90
95) Naphthalene	15.14	128	40571	5.49	ug/l	97

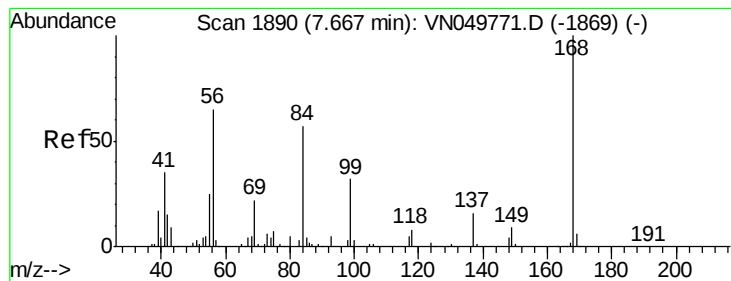
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

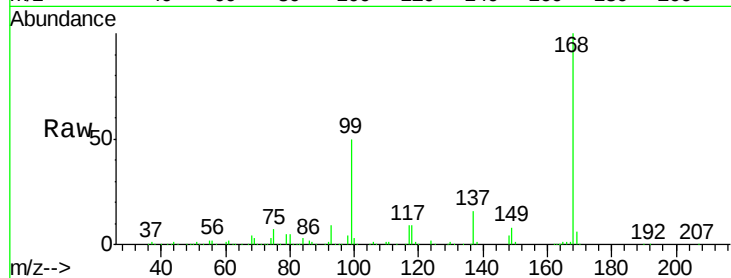
CL-02-071118-E

Tot Ion:168 Resp: 1178927

Ion Ratio Lower Upper

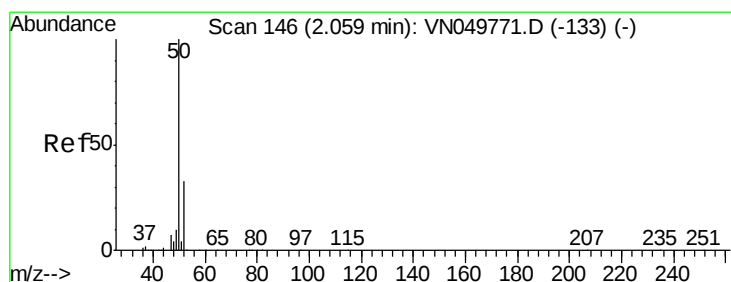
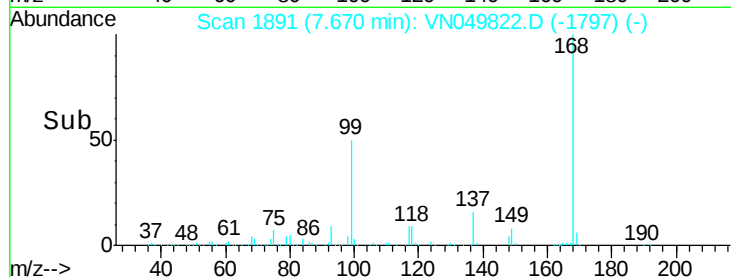
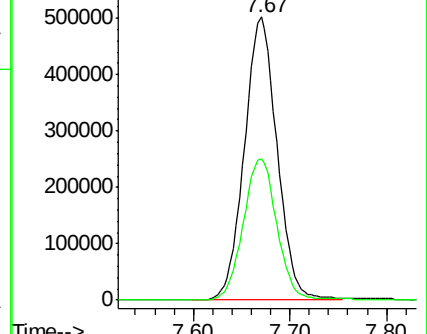
168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN049822.D

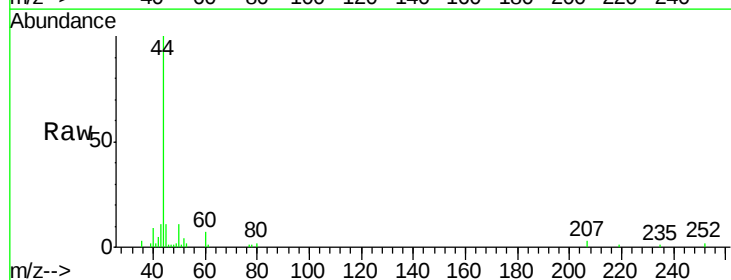
Acq: 14 Jul 2018 2:56

Tgt Ion: 50 Resp: 1752

Ion Ratio Lower Upper

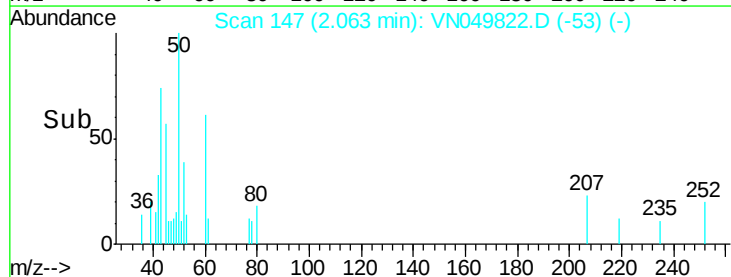
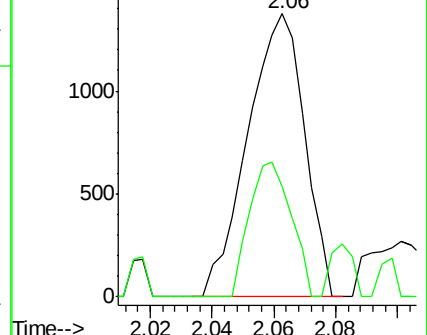
50 100

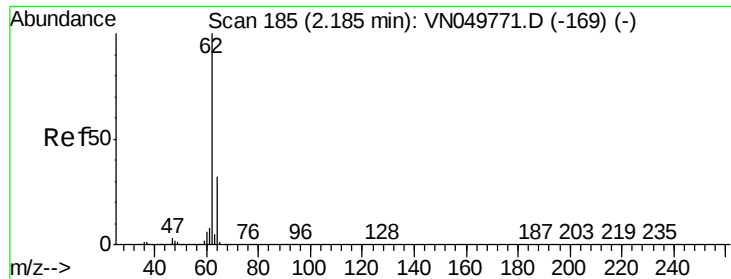
52 39.1 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

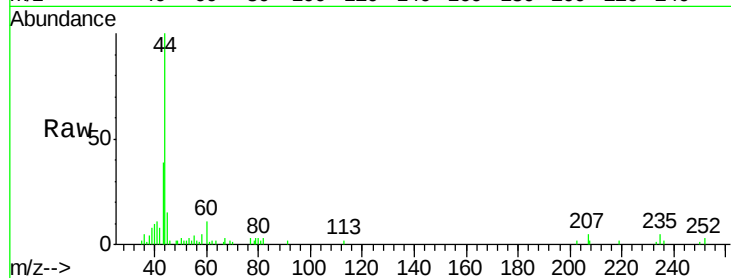
CL-02-071118-E

Tot Ion: 62 Resp: 164

Ion Ratio Lower Upper

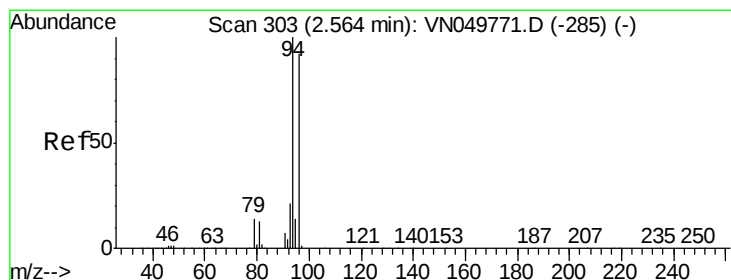
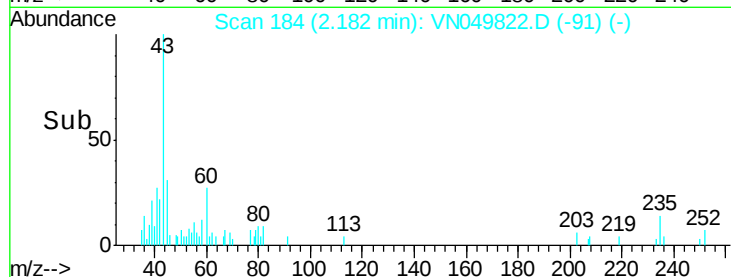
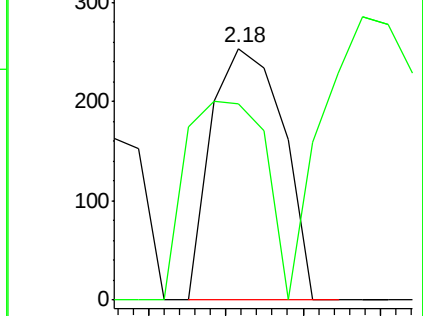
62 100

64 9.5 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049822.D

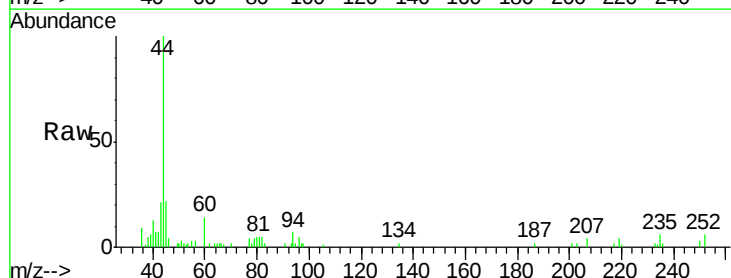
Acq: 14 Jul 2018 2:56

Tgt Ion: 94 Resp: 1327

Ion Ratio Lower Upper

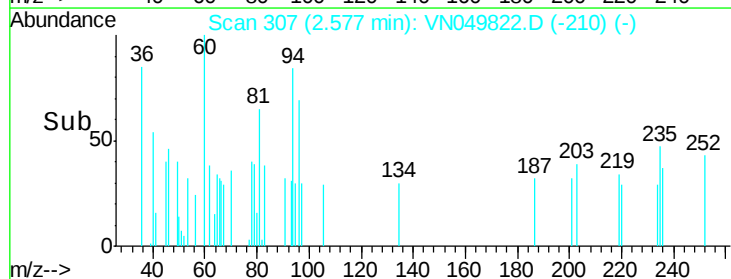
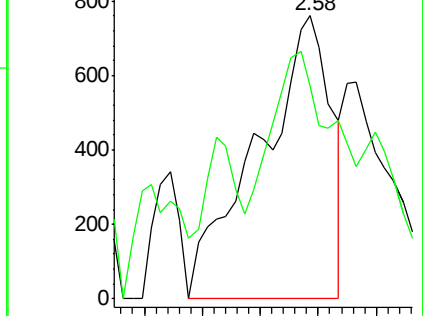
94 100

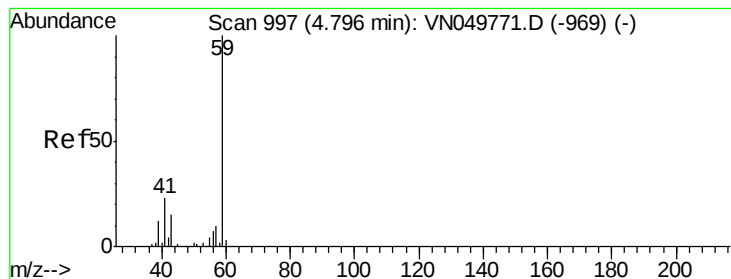
96 54.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



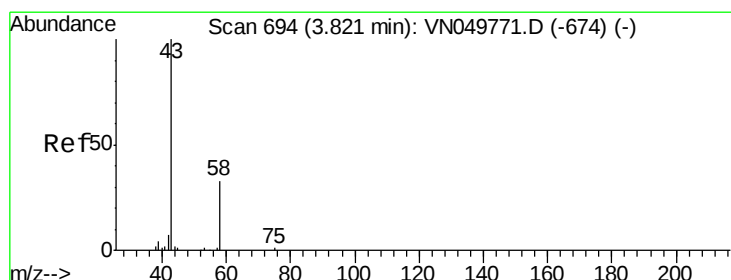
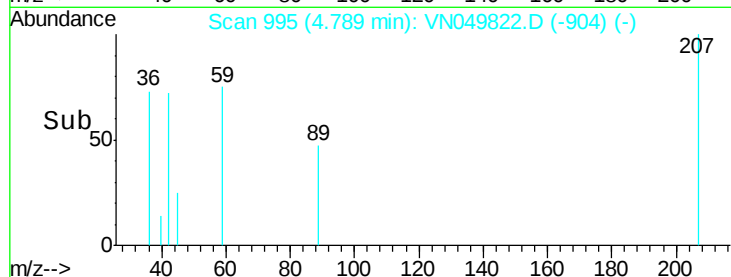
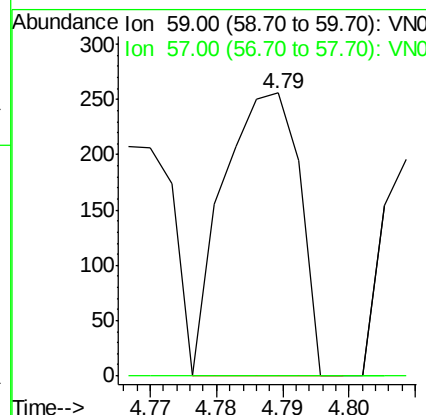
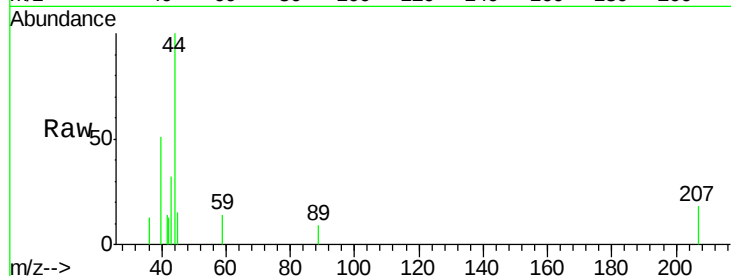


#11

Tert butyl alcohol
 Concen: 0.22 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

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

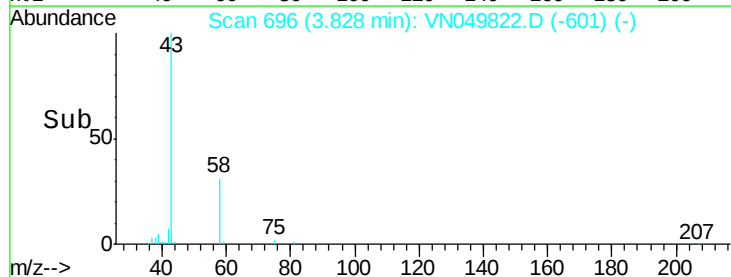
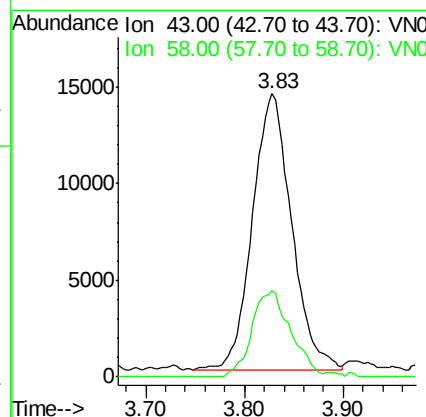
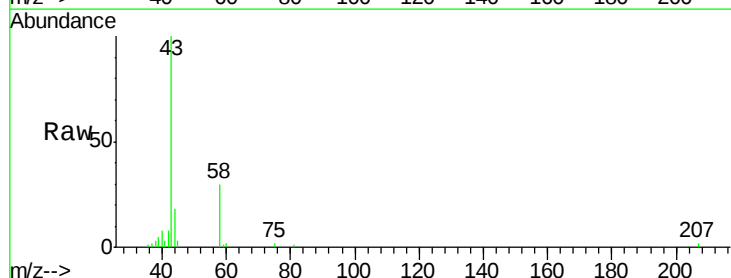
Tot Ion: 59 Resp: 205
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

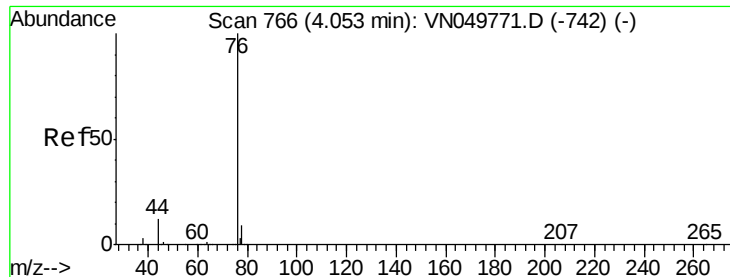


#16

Acetone
 Concen: 9.54 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

Tgt Ion: 43 Resp: 38959
 Ion Ratio Lower Upper
 43 100
 58 31.1 25.9 38.9

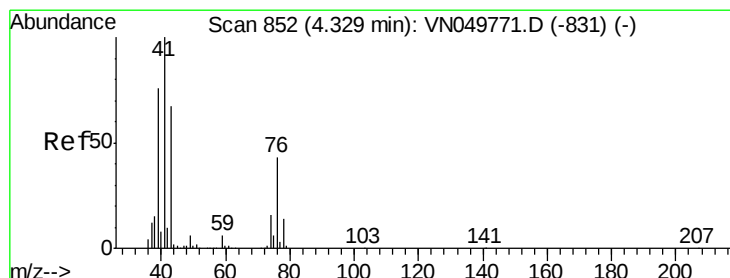
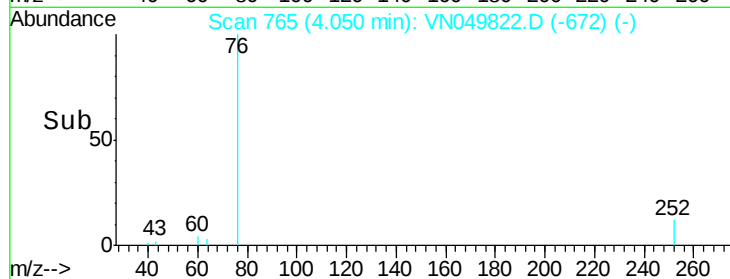
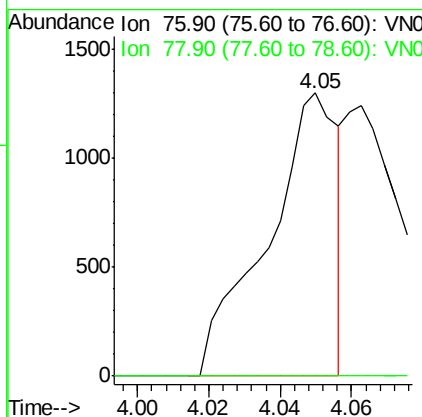
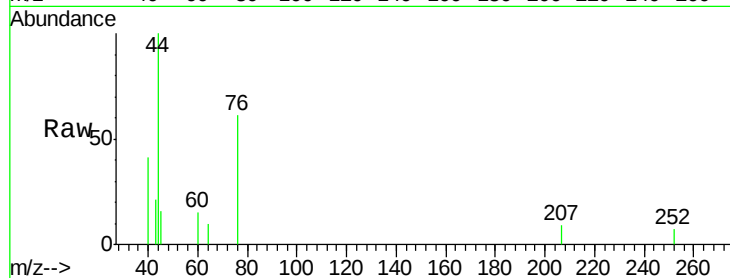




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

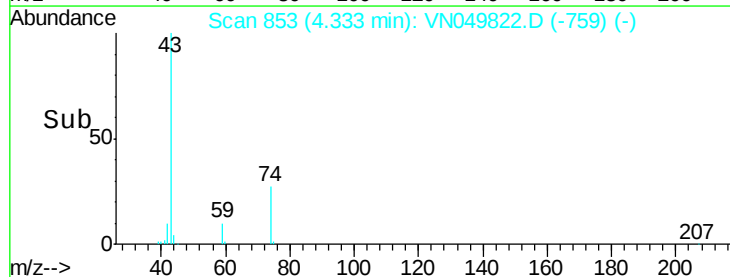
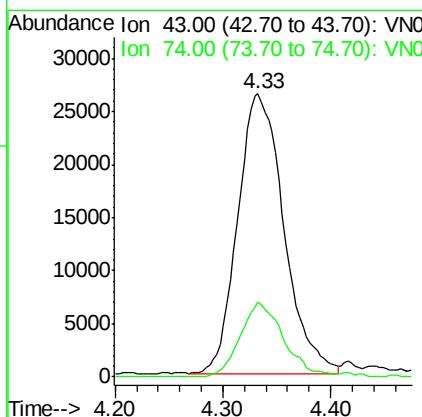
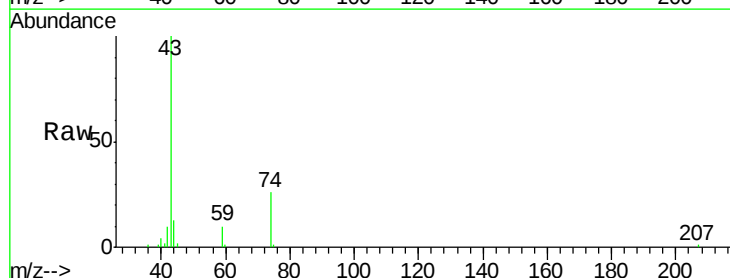
Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-E

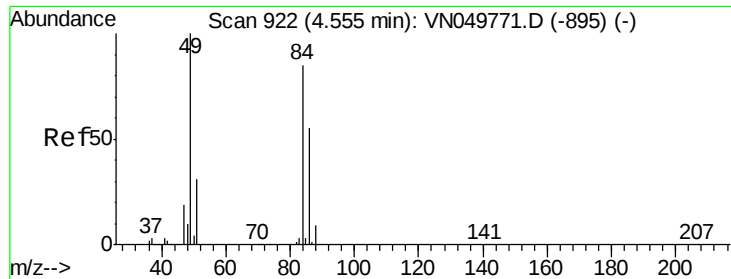
Tot Ion: 76 Resp: 1767
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 6.17 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion: 43 Resp: 78095
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.8

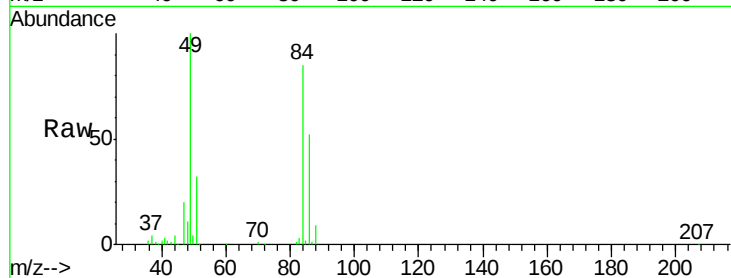




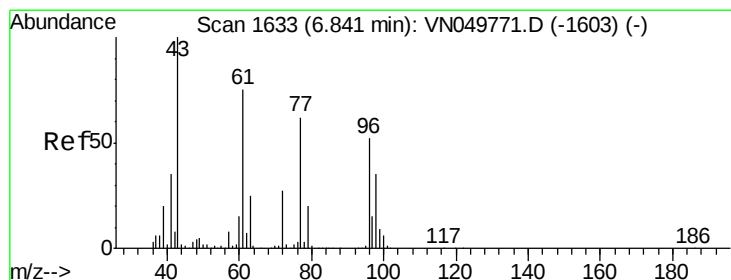
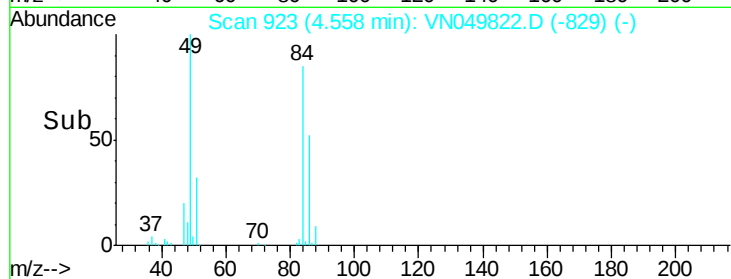
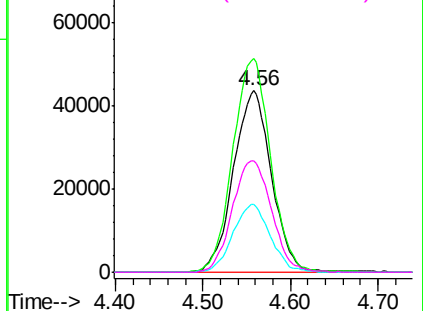
#20
Methvlene Chloride
Concen: 8.58 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

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

Tot Ion: 84 Resp: 131430
Ion Ratio Lower Upper
84 100
49 117.7 95.4 143.2
51 37.3 28.4 42.6
86 61.1 52.6 79.0

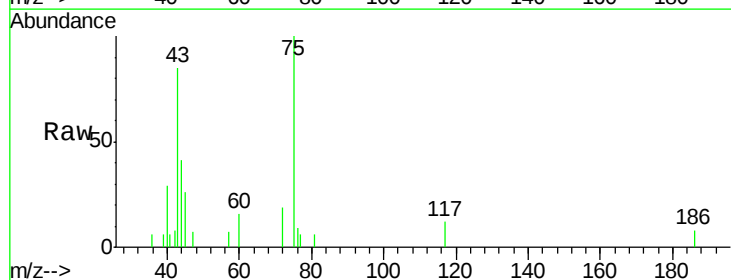


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

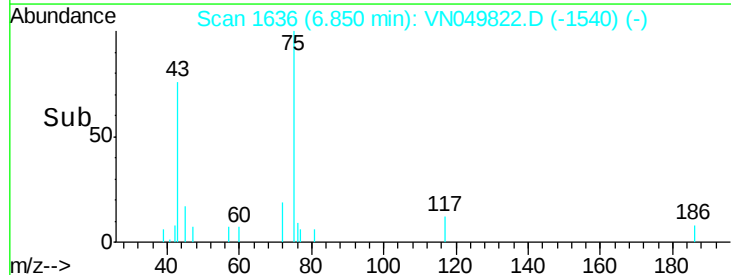
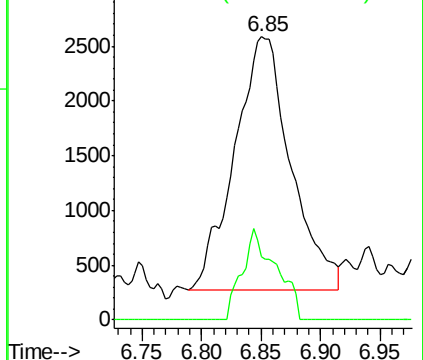


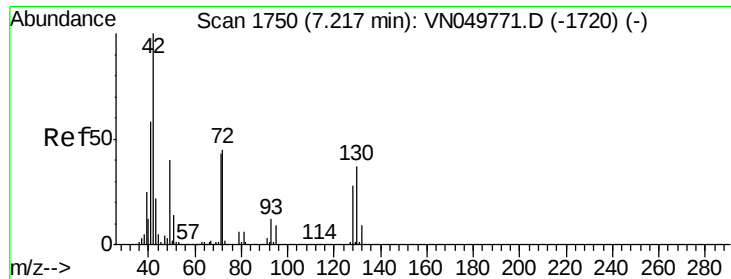
#25
2-Butanone
Concen: 1.42 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion: 43 Resp: 7565
Ion Ratio Lower Upper
43 100
72 24.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-E

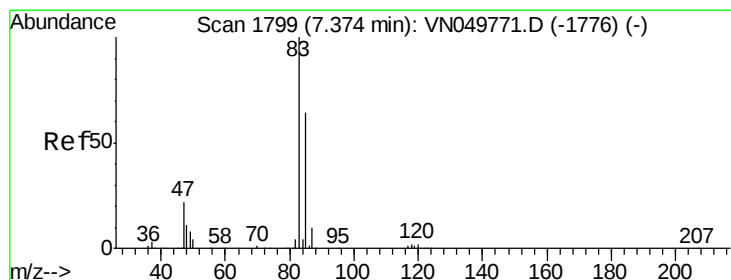
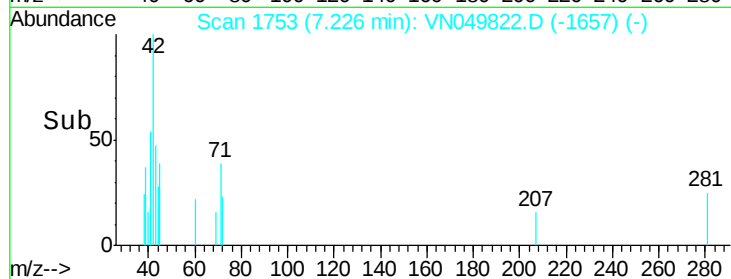
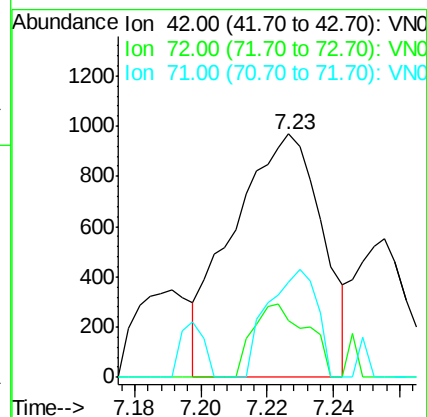
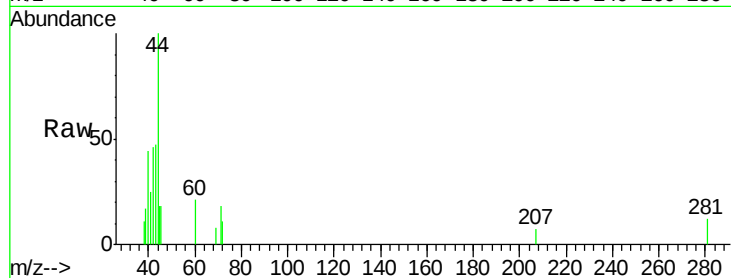
Tot Ion: 42 Resp: 1815

Ion Ratio Lower Upper

42 100

72 18.3 35.6 53.4#

71 24.5 34.0 51.0#



#30

Chloroform

Concen: 0.63 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.01 min

Lab File: VN049822.D

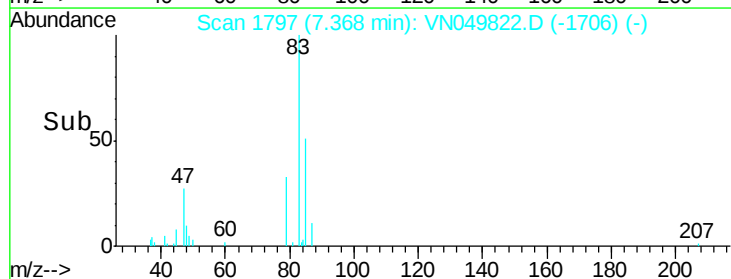
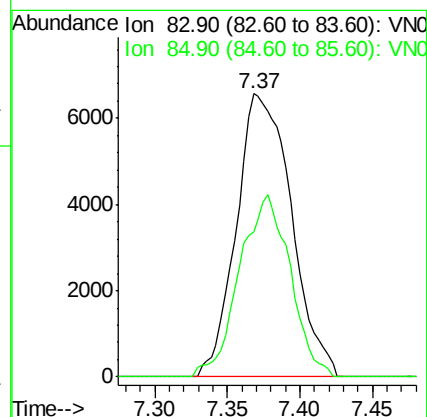
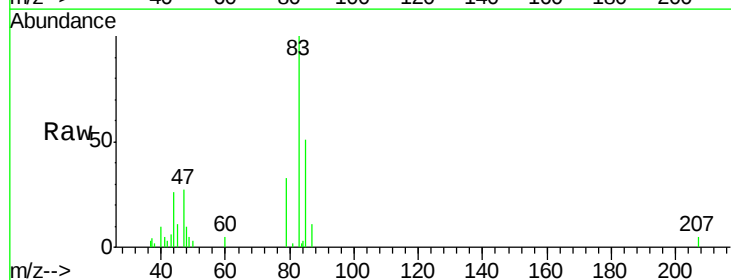
Acq: 14 Jul 2018 2:56

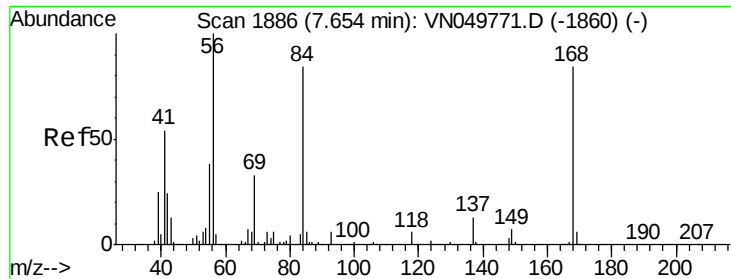
Tgt Ion: 83 Resp: 17298

Ion Ratio Lower Upper

83 100

85 51.2 51.4 77.2#

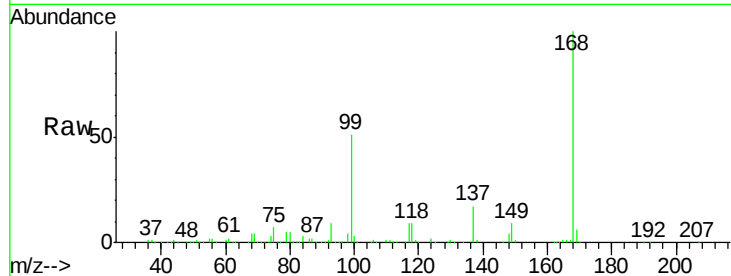




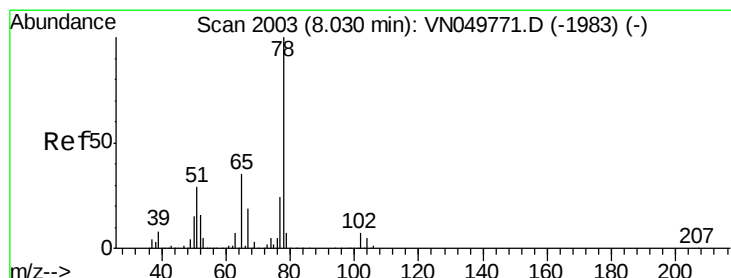
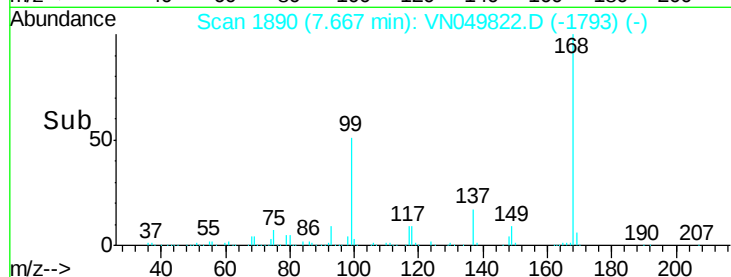
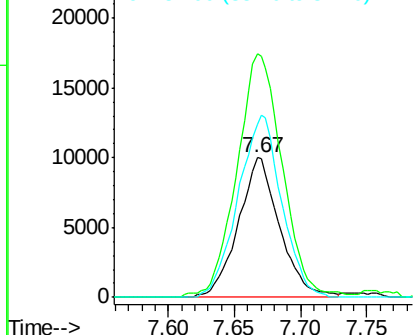
#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

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

Tot Ion: 56 Resp: 21764
Ion Ratio Lower Upper
56 100
69 171.7 26.6 40.0#
84 123.6 69.0 103.6#

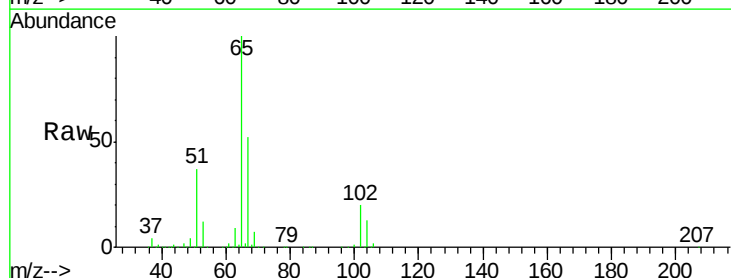


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

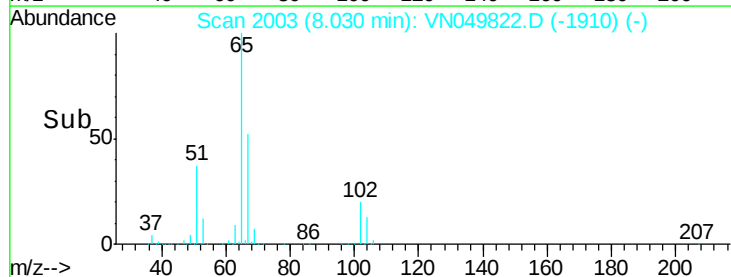
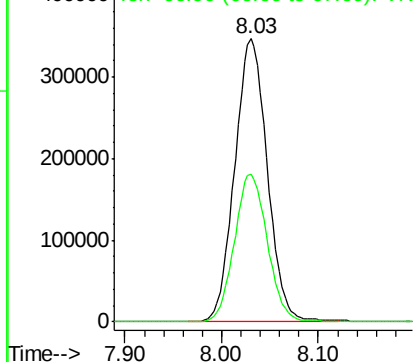


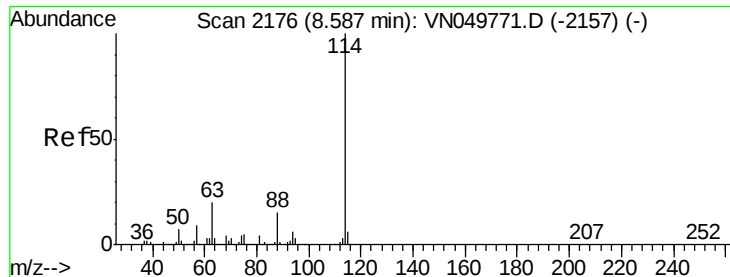
#33
1,2-Dichloroethane-d4
Concen: 59.29 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion: 65 Resp: 813137
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2



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

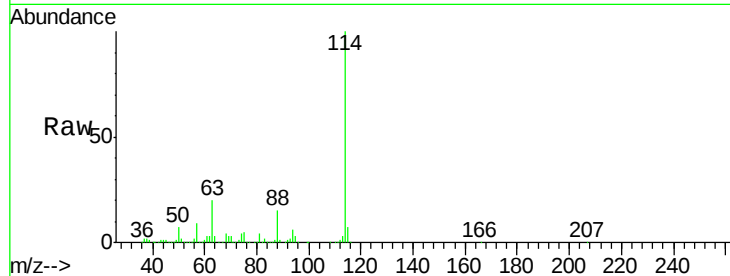




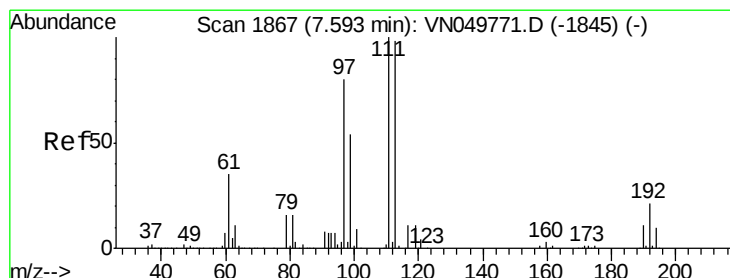
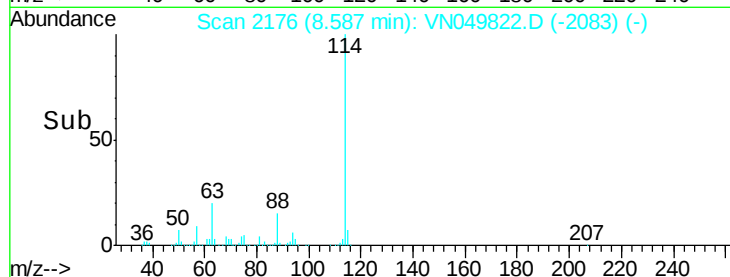
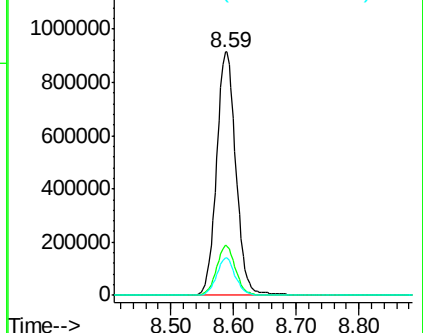
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

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

Tot Ion:114 Resp: 1957420
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.8
88 15.3 0.0 30.6

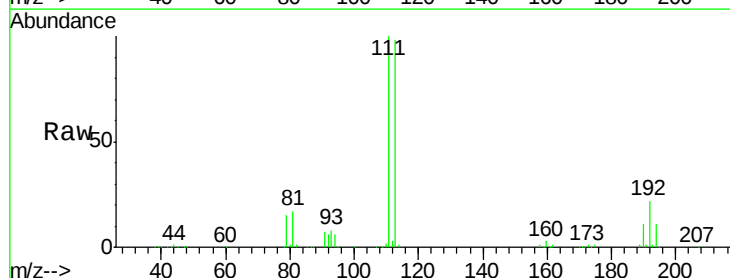


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

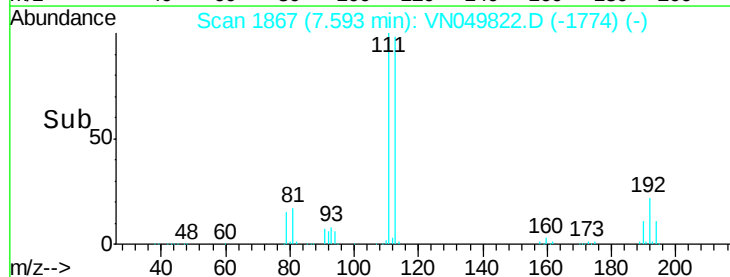
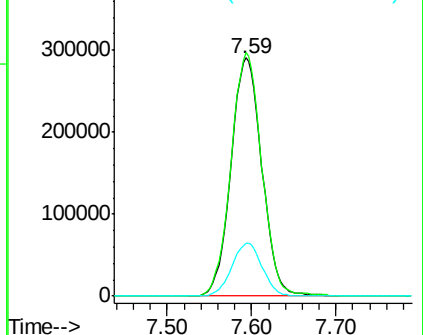


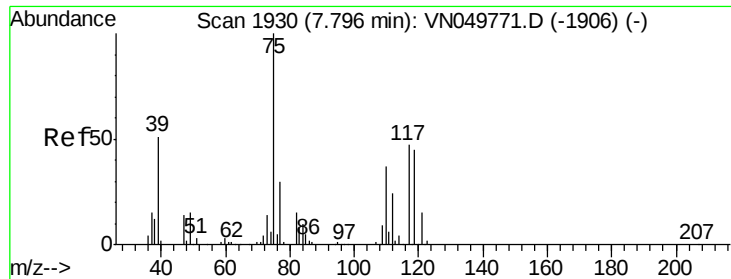
#35
Dibromofluoromethane
Concen: 50.19 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion:113 Resp: 740463
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 21.9 17.8 26.6



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

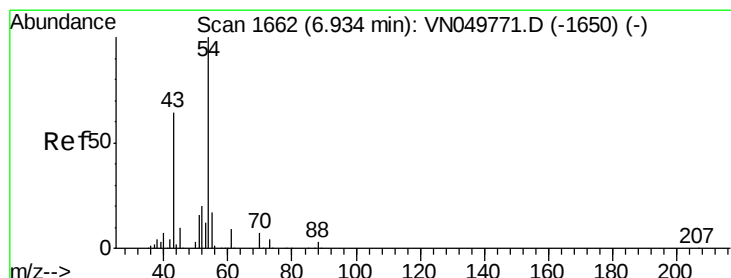
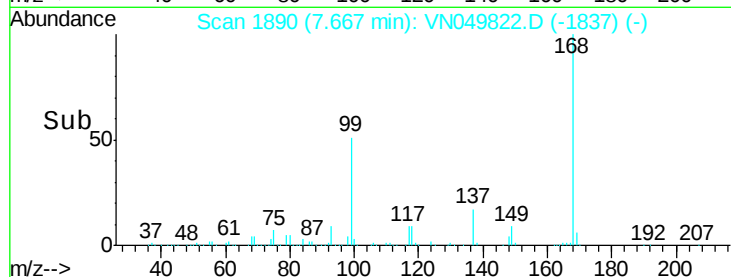
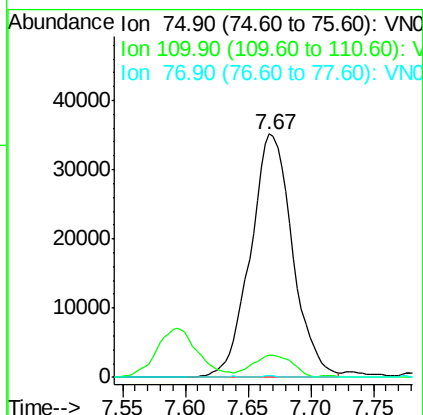
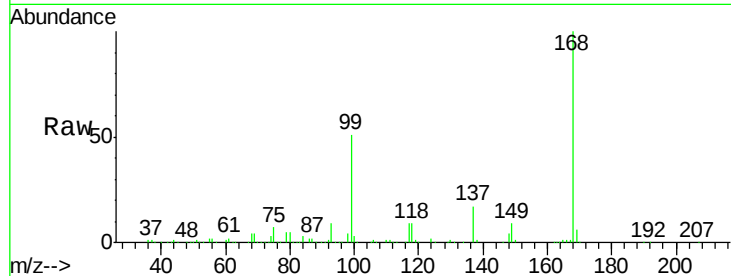




#36
 1,1-Dichloropropene
 Concen: 3.64 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

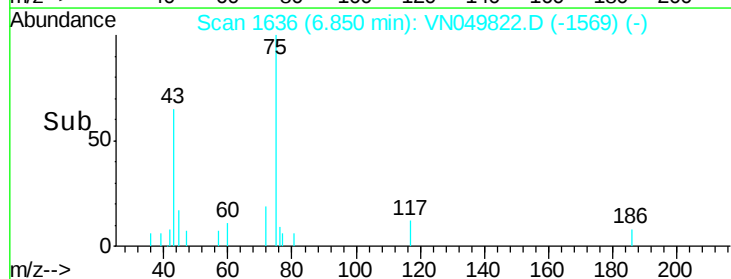
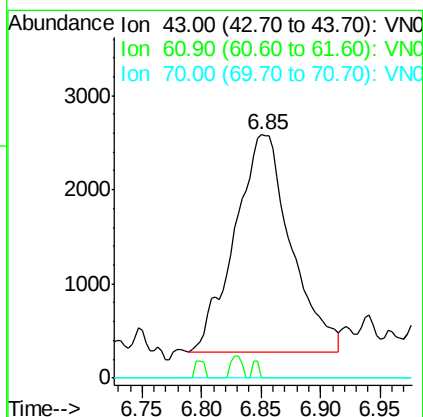
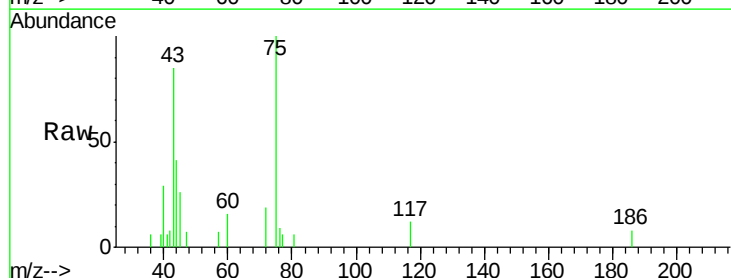
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-E

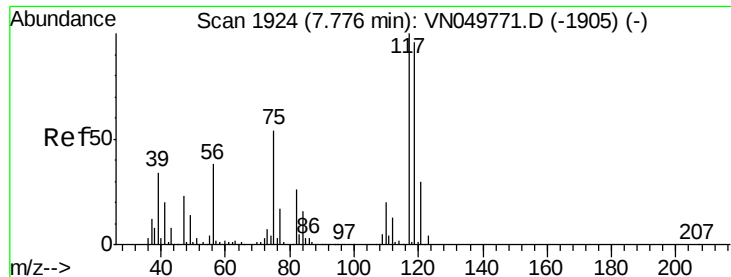
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.2	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 0.57 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.9	11.7	17.5#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 4.52 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-E

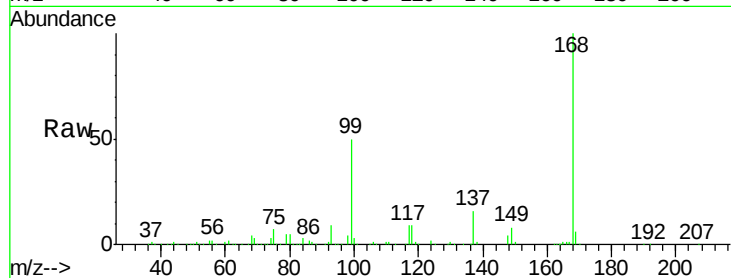
Tot Ion:117 Resp: 106641

Ion Ratio Lower Upper

117 100

119 6.6 77.2 115.8#

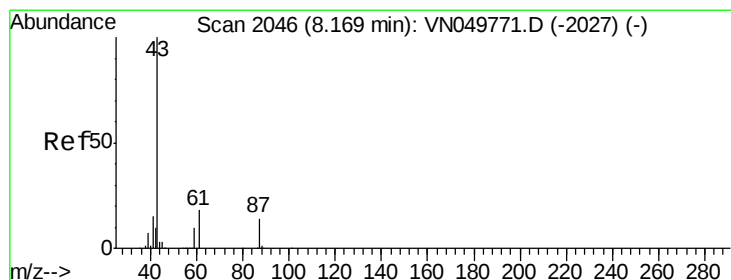
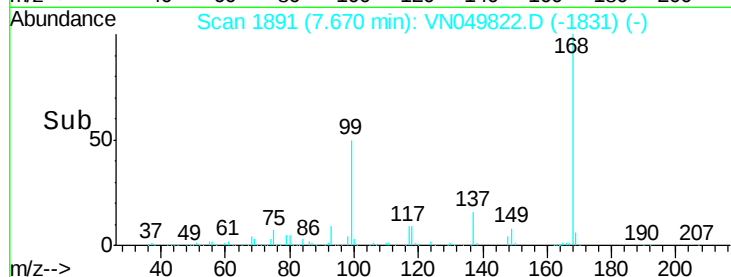
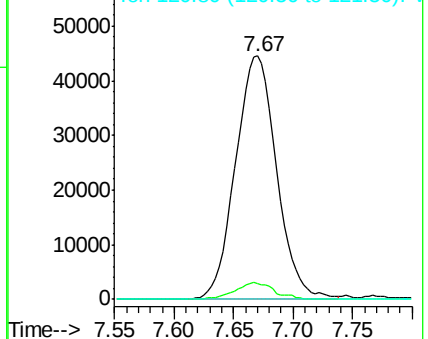
121 0.0 25.0 37.6#



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: 23.63 ug/l

RT: 8.23 min Scan# 2065

Delta R.T. 0.06 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

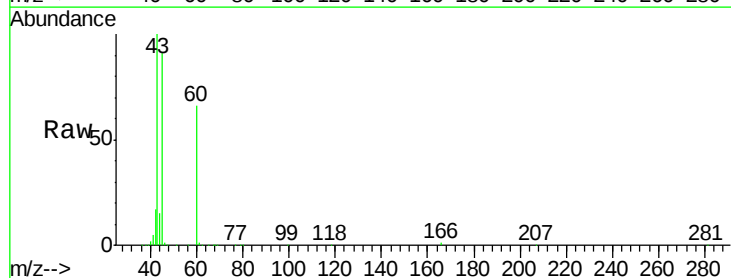
Tgt Ion: 43 Resp: 567059

Ion Ratio Lower Upper

43 100

61 0.1 14.9 22.3#

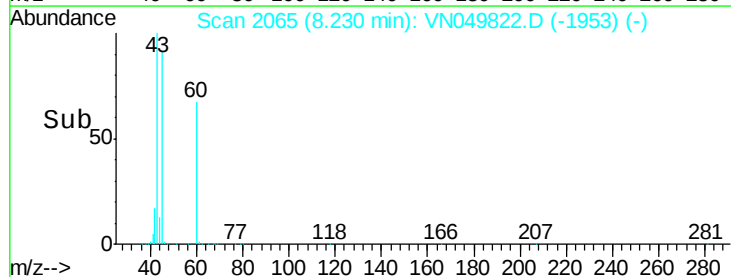
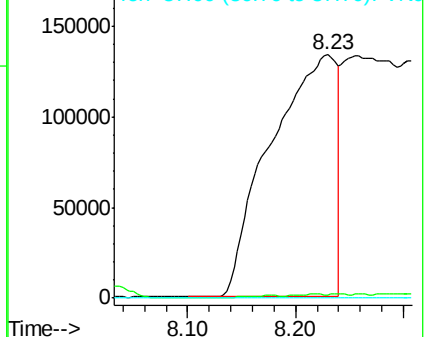
87 0.0 10.0 15.0#

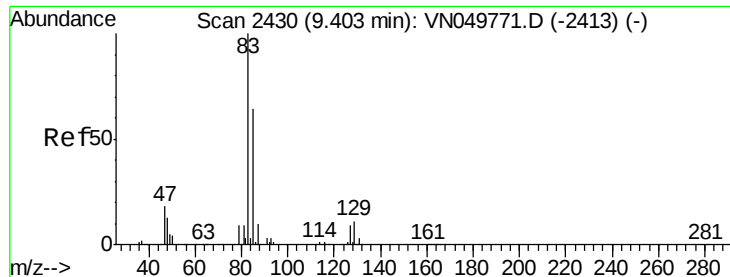


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-E

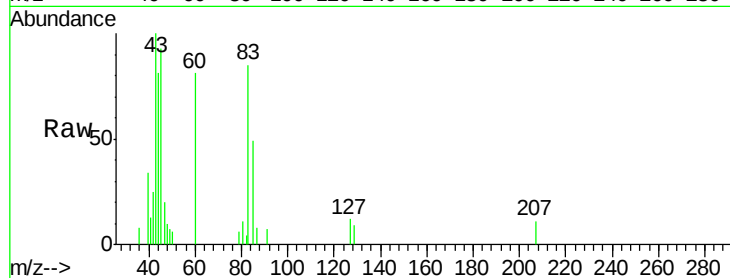
Tot Ion: 83 Resp: 6213

Ion Ratio Lower Upper

83 100

85 58.1 50.5 75.7

127 14.6 6.8 10.2#

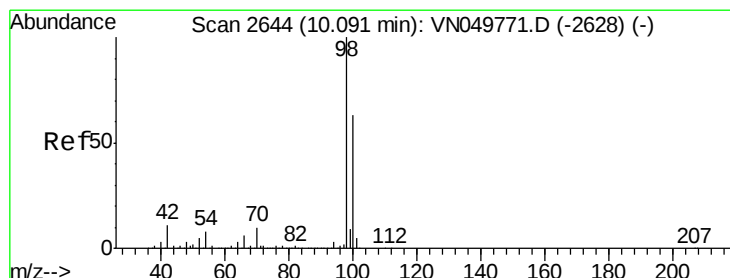
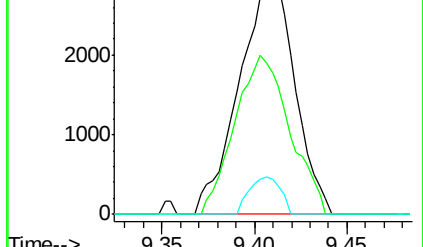
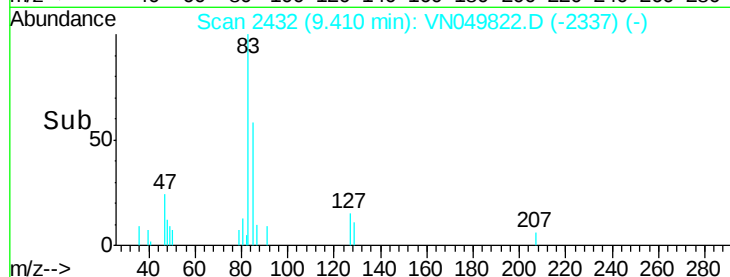


Abundance Ion 82.90 (82.60 to 83.60): VN049822.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049822.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049822.D (-2337) (-)

Time-->



#50

Toluene-d8

Concen: 51.63 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049822.D

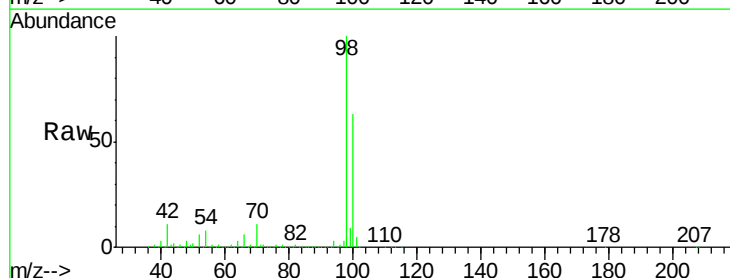
Acq: 14 Jul 2018 2:56

Tgt Ion: 98 Resp: 2607466

Ion Ratio Lower Upper

98 100

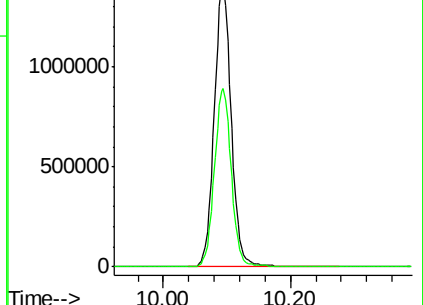
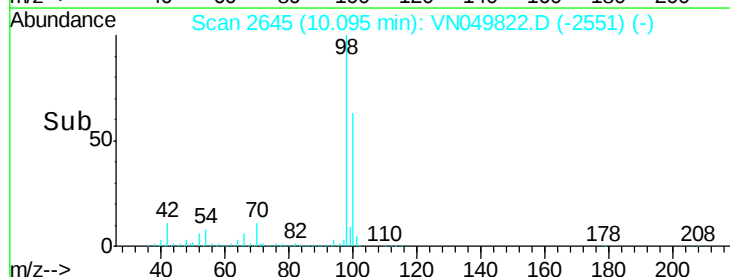
100 63.0 51.7 77.5

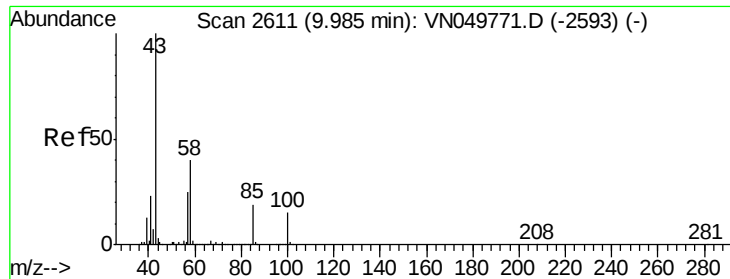


Abundance Ion 98.00 (97.70 to 98.70): VN049822.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049822.D (-2551) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

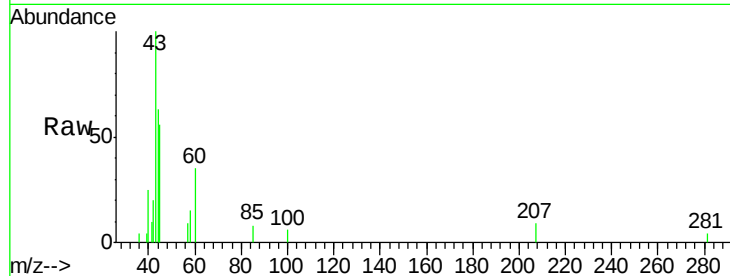
CL-02-071118-E

Tot Ion: 43 Resp: 3178

Ion Ratio Lower Upper

43 100

58 28.5 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

4000

3000

2000

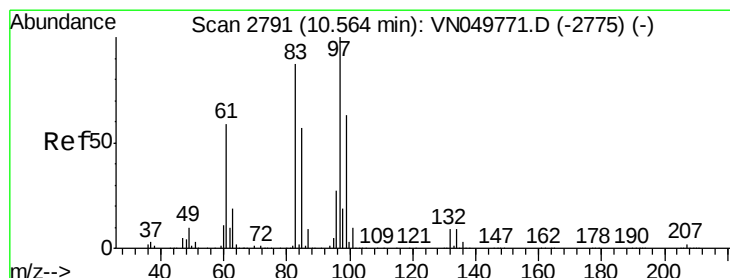
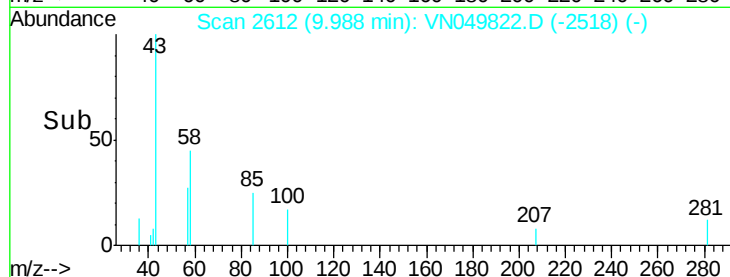
1000

0

Time-->

9.95

10.00



#55

1,1,2-Trichloroethane

Concen: Below Cal

RT: 10.57 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Tgt Ion: 97 Resp: 506

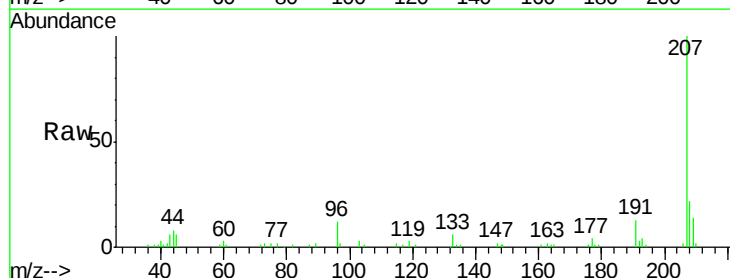
Ion Ratio Lower Upper

97 100

83 0.0 69.0 103.6#

85 0.0 44.9 67.3#

99 0.0 49.8 74.6#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

1000

500

0

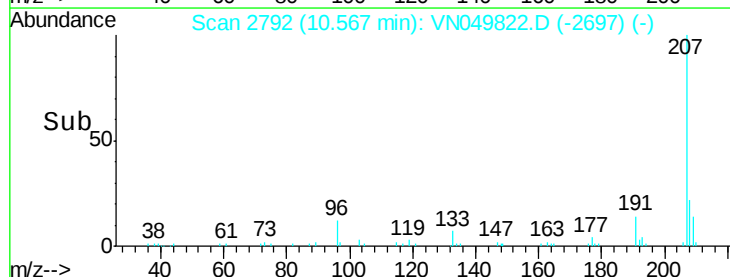
Time-->

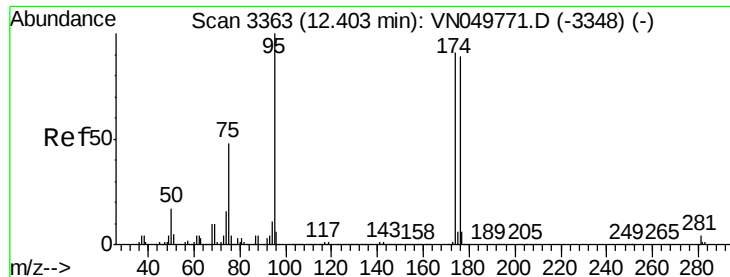
10.55

10.56

10.57

10.58





#62

4-Bromofluorobenzene

Concen: 39.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-E

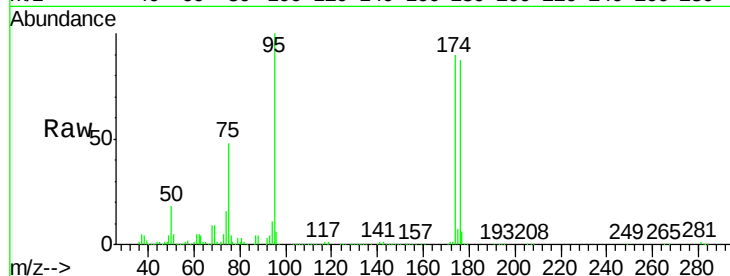
Tot Ion: 95 Resp: 705632

Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

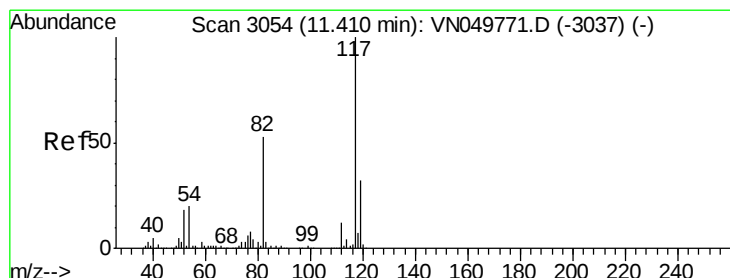
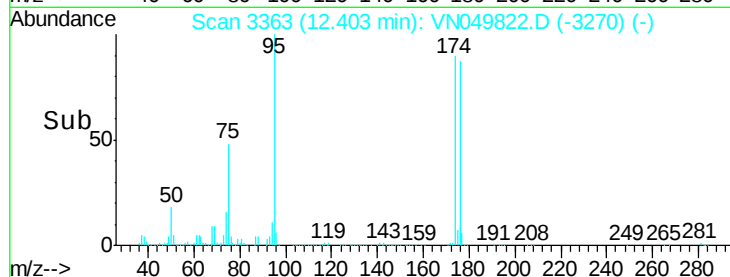
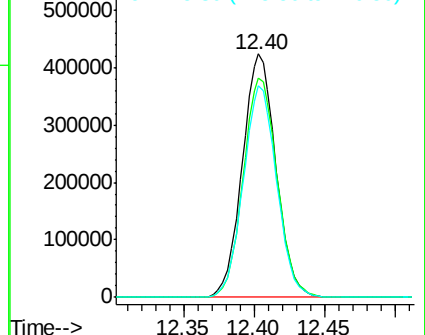
176 86.7 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049822.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049822.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049822.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

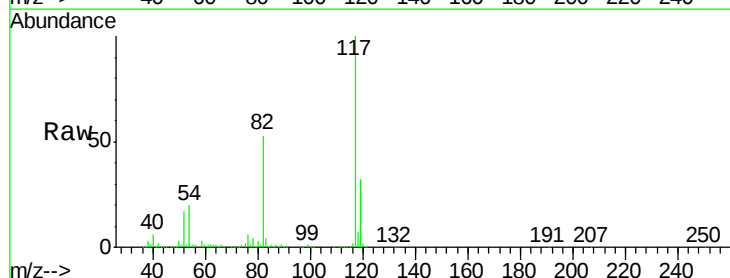
Tgt Ion: 117 Resp: 1577888

Ion Ratio Lower Upper

117 100

82 53.1 41.9 62.9

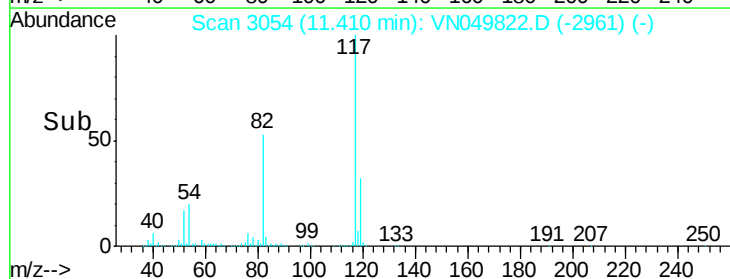
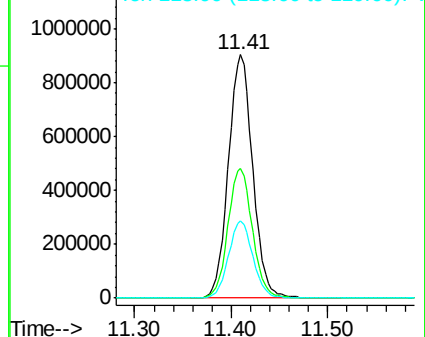
119 31.8 25.4 38.2

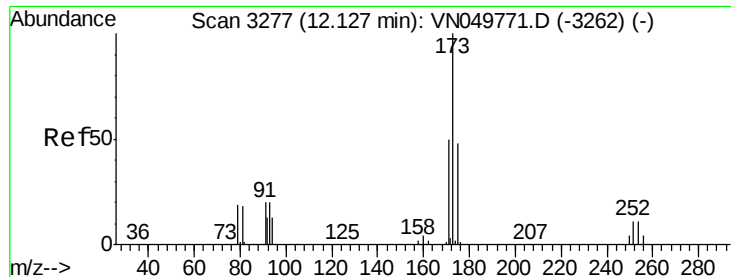


Abundance Ion 116.90 (116.60 to 117.60): VN049822.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049822.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049822.D (-2961) (-)

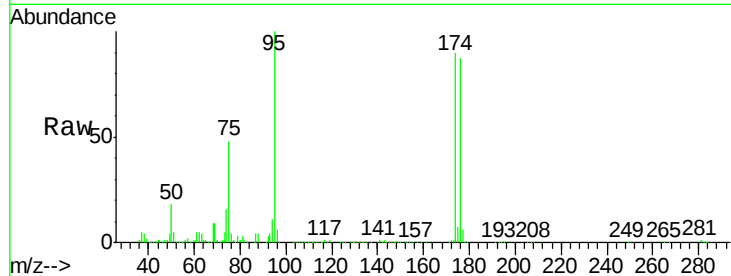




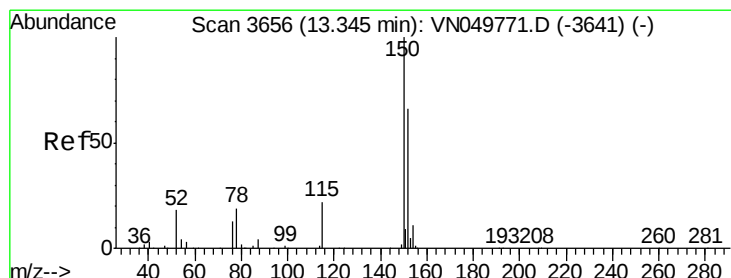
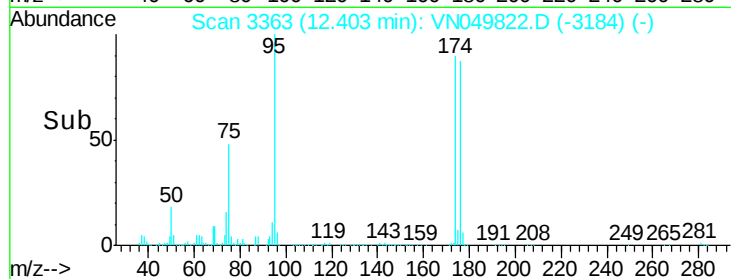
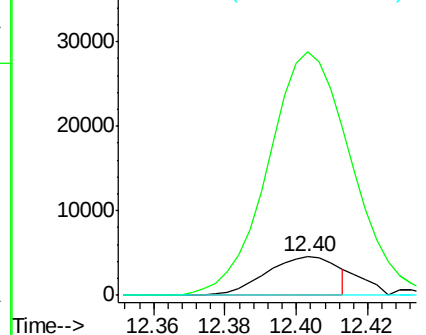
#71
Bromoform
Concen: 0.60 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

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

Tot Ion:173 Resp: 6283
Ion Ratio Lower Upper
173 100
175 613.5 24.6 73.8#
254 0.0 0.2 0.2#

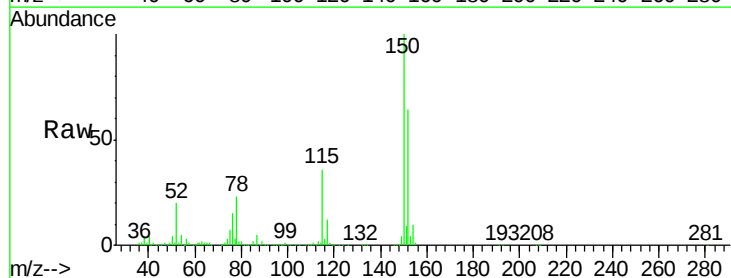


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

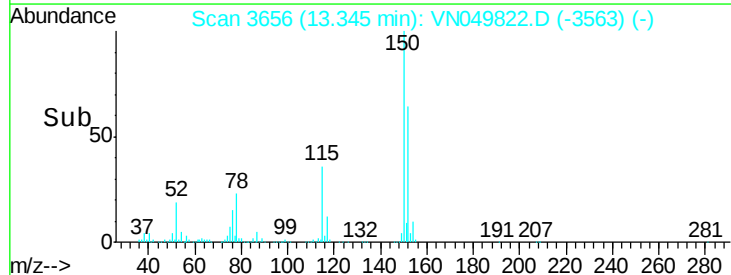
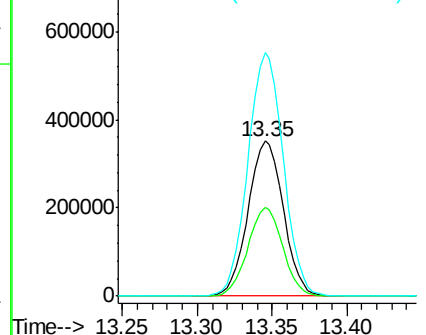


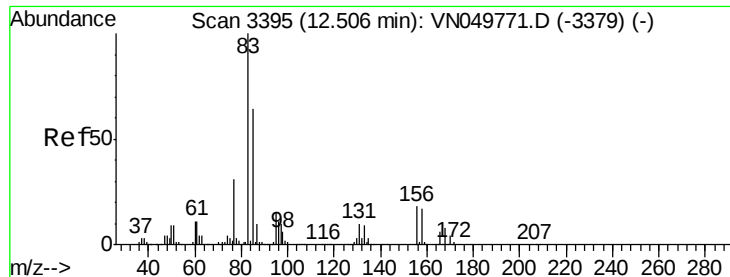
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion:152 Resp: 577916
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 157.7 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

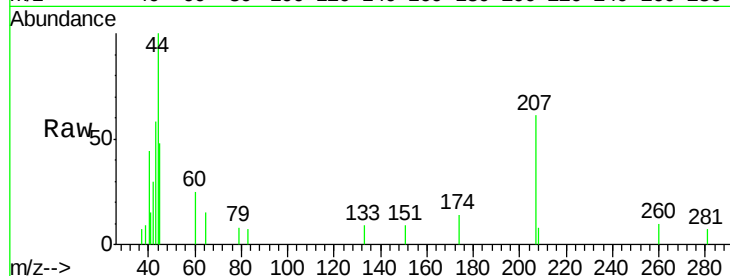




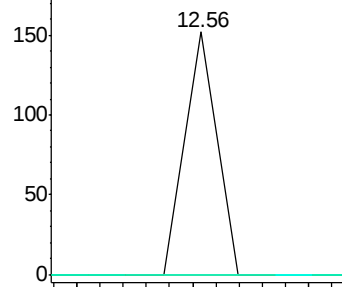
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.56 min Scan# 3412
 Delta R.T. 0.05 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

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

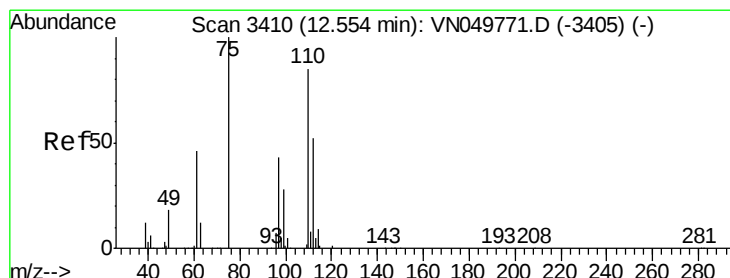
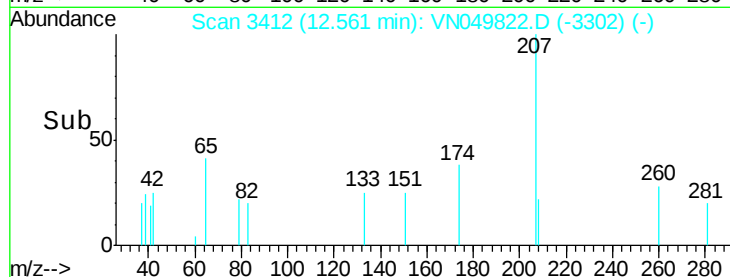
Tot Ion: 83 Resp: 29
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VN0

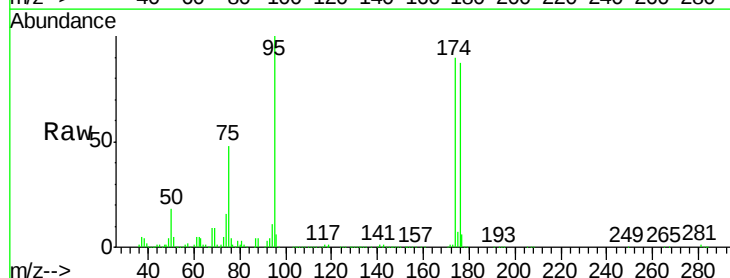


Time--> 12.55 12.56 12.57

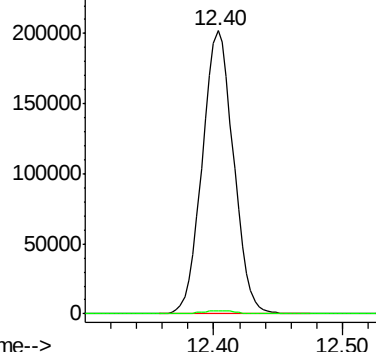


#76
 1,2,3-Trichloropropane
 Concen: 33.06 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

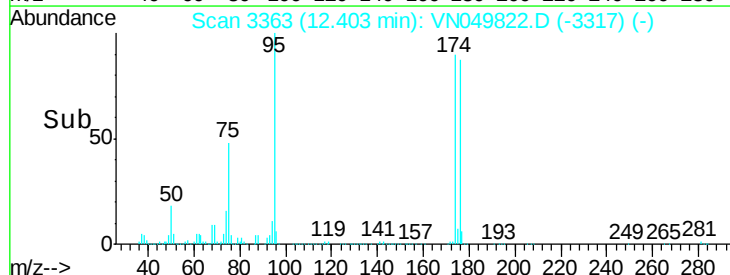
Tgt Ion: 75 Resp: 339409
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

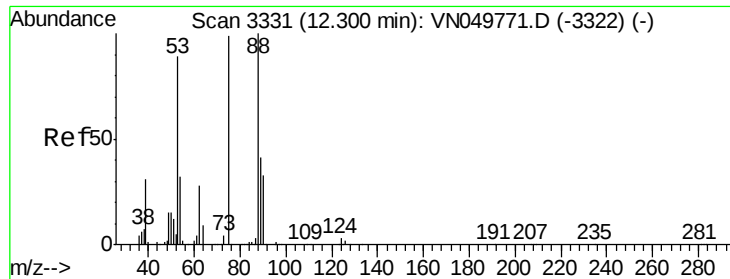


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.40 12.50

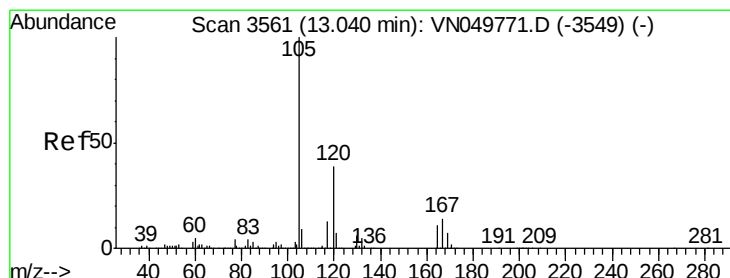
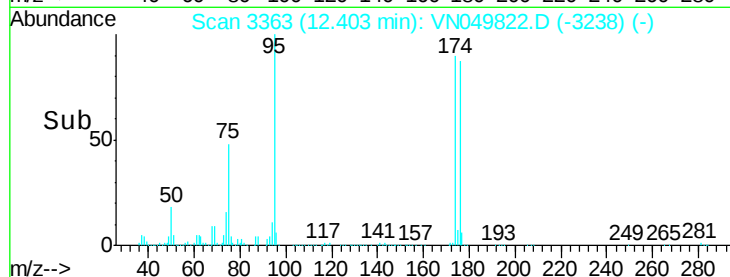
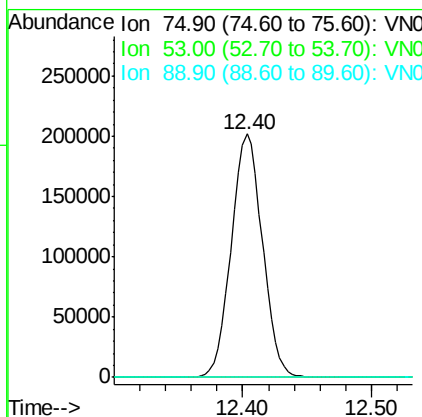
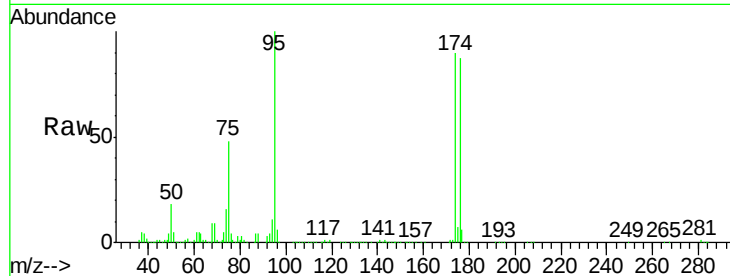




#81
trans-1,4-Dichloro-2-butene
Concen: 106.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

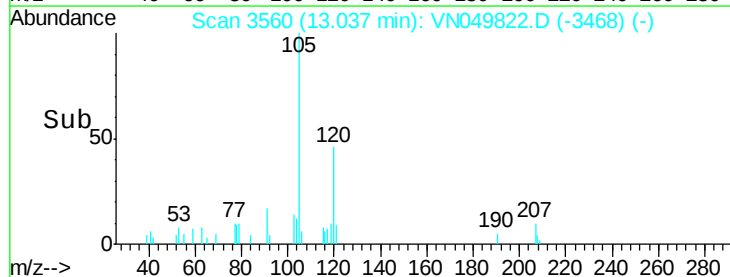
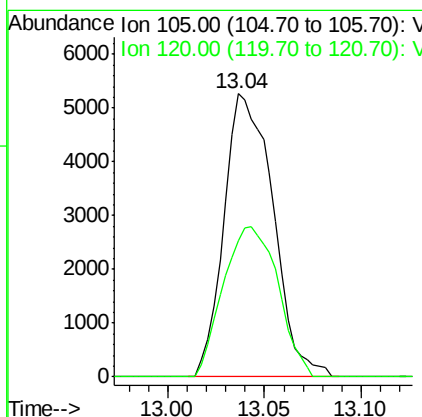
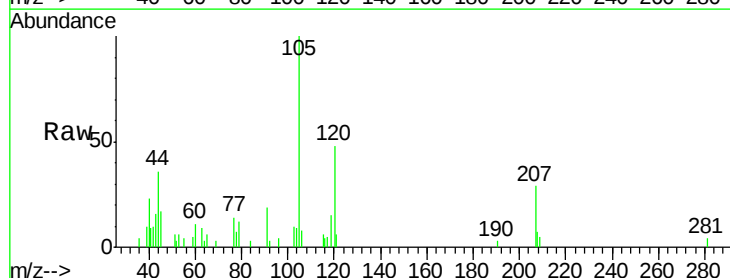
Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-E

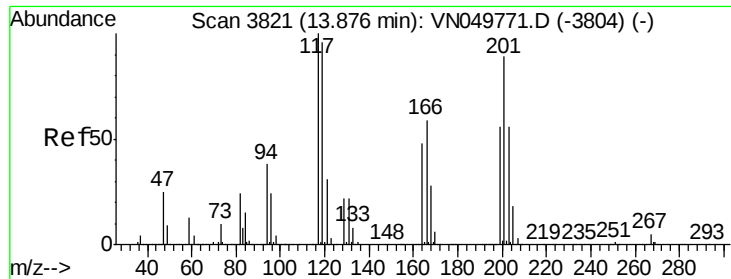
Tot Ion: 75 Resp: 339409
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.0 35.9 53.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 13.04 min Scan# 3560
Delta R.T. -0.00 min
Lab File: VN049822.D
Acq: 14 Jul 2018 2:56

Tgt Ion: 105 Resp: 9265
Ion Ratio Lower Upper
105 100
120 59.2 22.7 68.1





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

Instrument :

MSVOA_N

ClientSampleId :

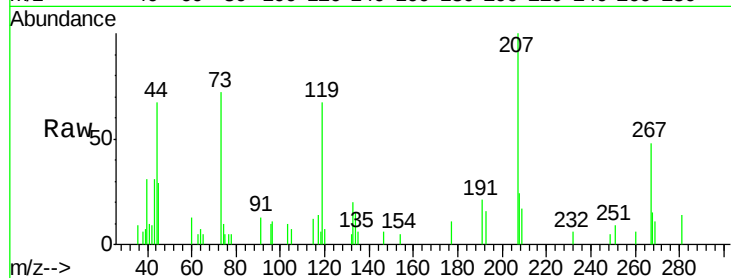
CL-02-071118-E

Tot Ion: 117 Resp: 480

Ion Ratio Lower Upper

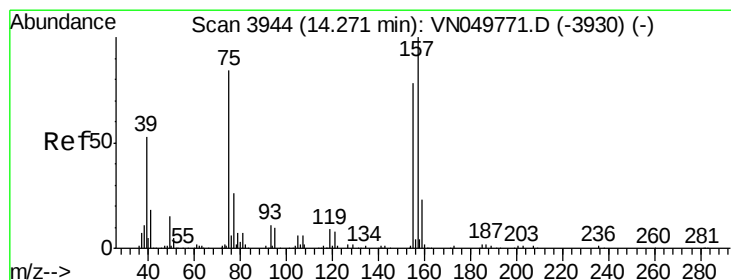
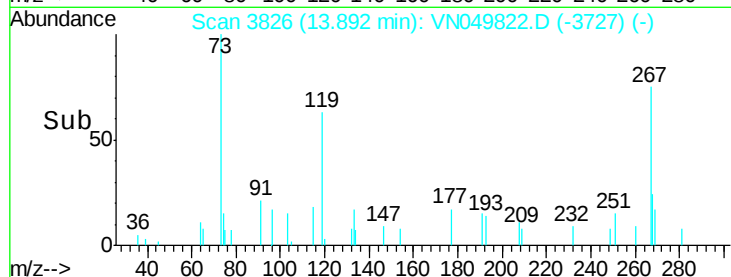
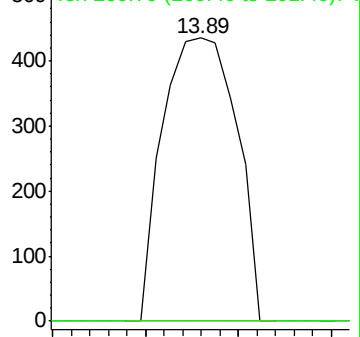
117 100

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: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049822.D

Acq: 14 Jul 2018 2:56

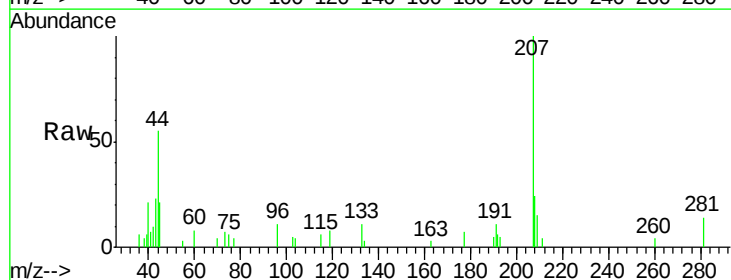
Tgt Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

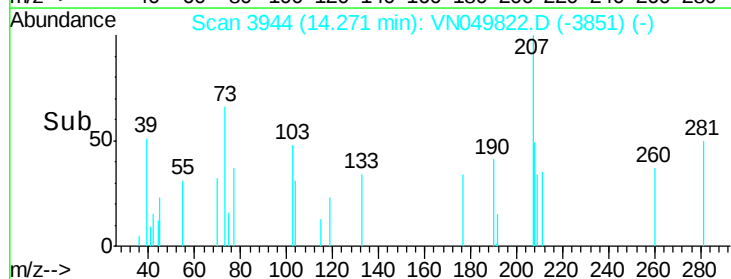
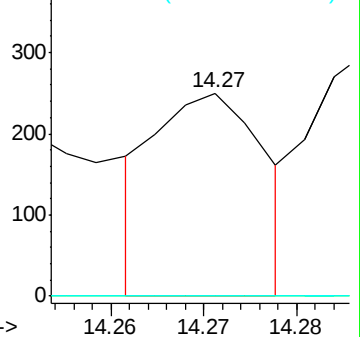
157 0.0 56.9 170.7#

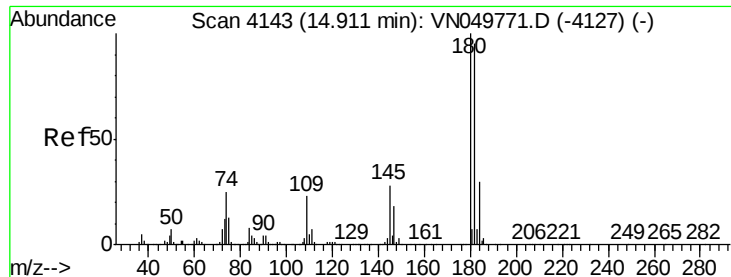


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

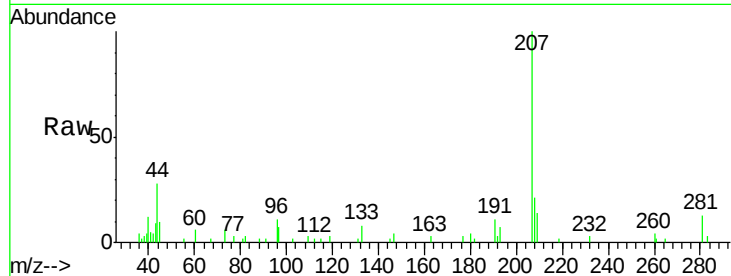




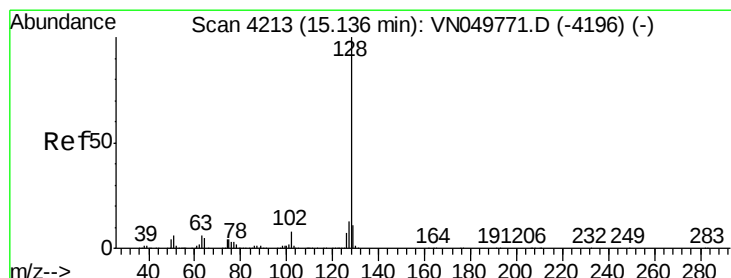
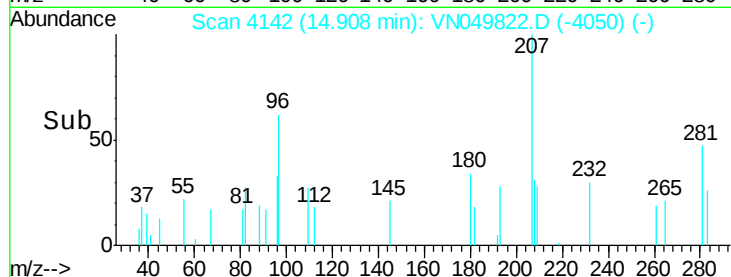
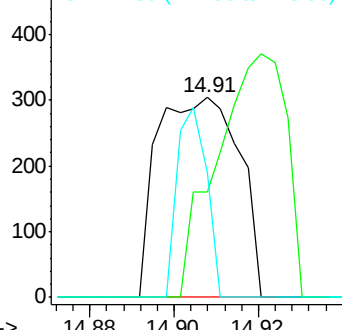
#93
 1,2,4-Trichlorobenzene
 Concen: 2.92 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

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

Tot Ion:180 Resp: 408
 Ion Ratio Lower Upper
 180 100
 182 103.4 47.3 141.9
 145 34.8 14.4 43.0

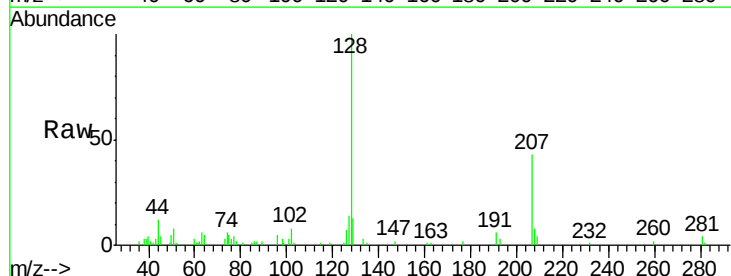


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 5.49 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049822.D
 Acq: 14 Jul 2018 2:56

Tgt Ion:128 Resp: 40571
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.4 15.6
 129 11.7 8.6 13.0



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

