

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050224.D
 Acq On : 31 Jul 2018 19:01
 Operator : MD\SY
 Sample : J3825-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-B

Quant Time: Aug 01 04:35:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	644855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327262	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	461369	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	7.59	113	412175	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	10.09	98	1466457	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	400622	37.55	ug/l	0.00
Spiked Amount			Recovery	=	75.10%	

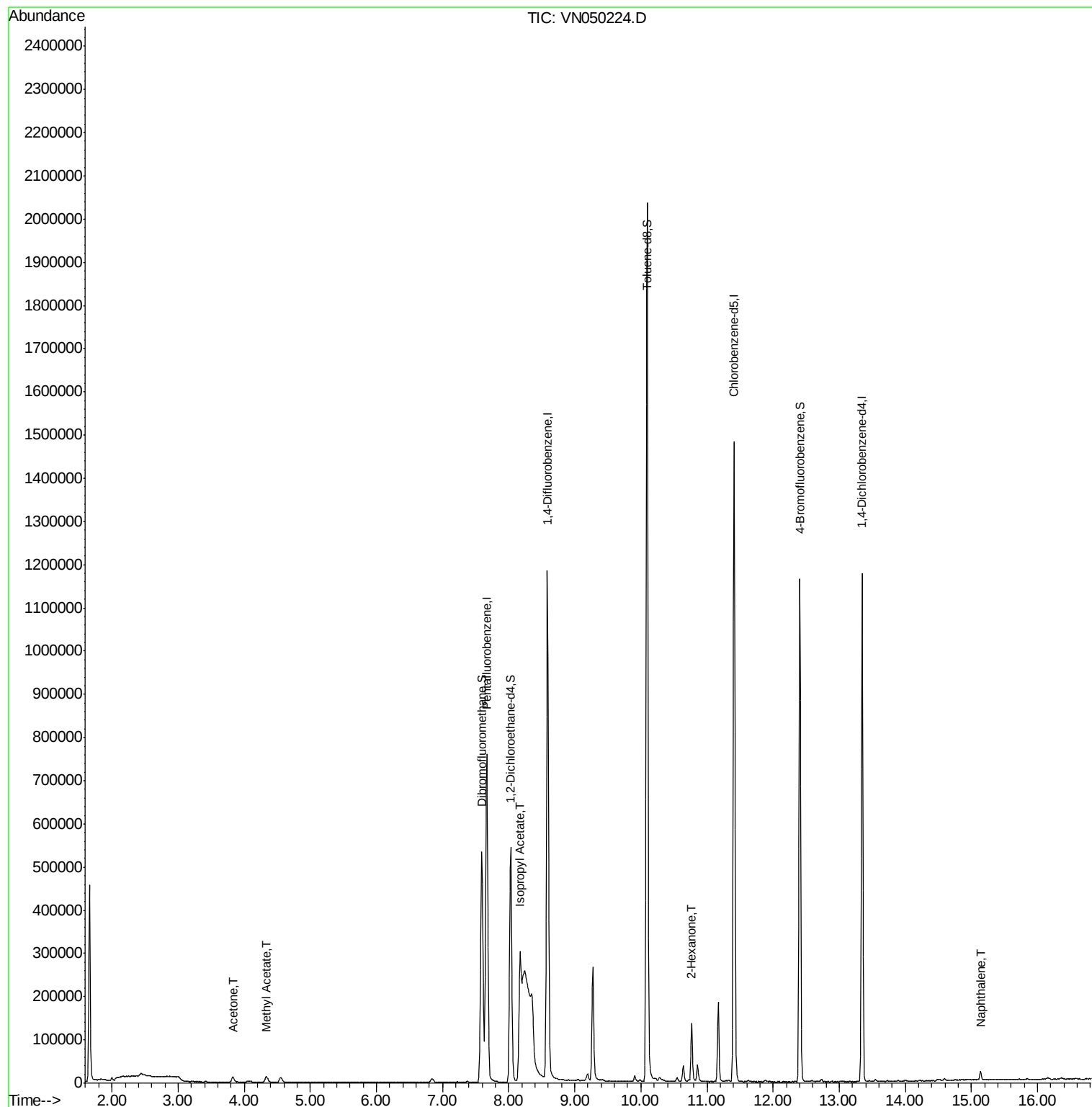
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	22862	6.559	ug/l	98
18) Methyl Acetate	4.33	43	25685	1.537	ug/l #	82
43) Isopropyl Acetate	8.17	43	354736	21.550	ug/l #	91
59) 2-Hexanone	10.77	43	18529	8.136	ug/l #	58
95) Naphthalene	15.14	128	17721	5.496	ug/l	97

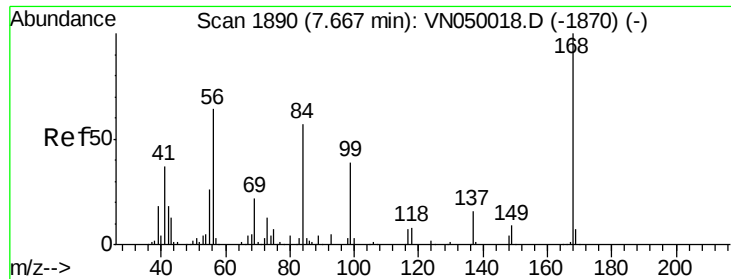
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050224.D

Acq: 31 Jul 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

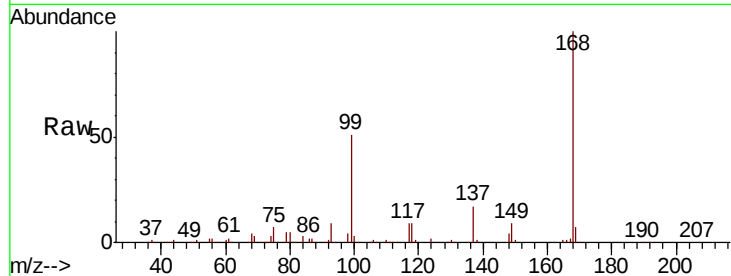
CL-01-073018-B

Tot Ion:168 Resp: 644855

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050224.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050224.D (-1798) (-)

7.67

300000

250000

200000

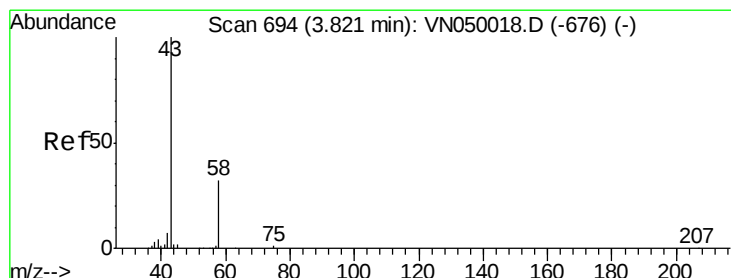
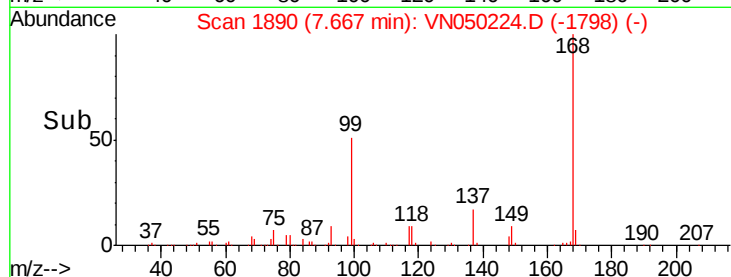
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.559 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050224.D

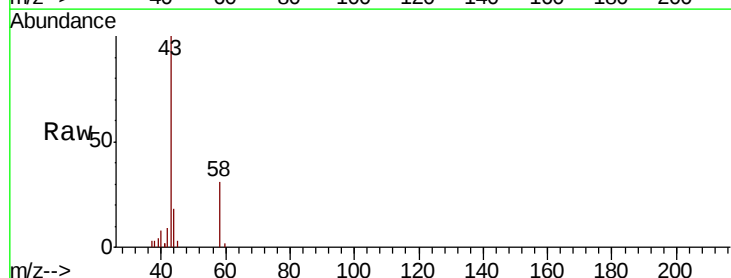
Acq: 31 Jul 2018 19:01

Tgt Ion: 43 Resp: 22862

Ion Ratio Lower Upper

43 100

58 31.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050224.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN050224.D (-602) (-)

3.83

8000

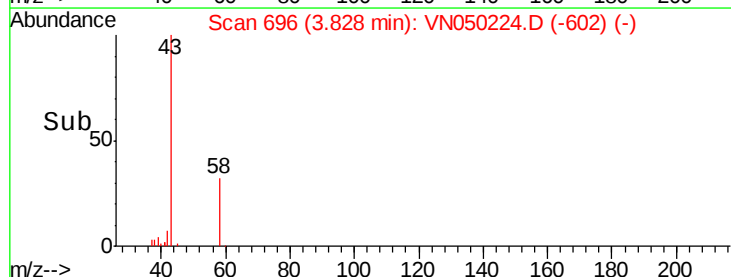
6000

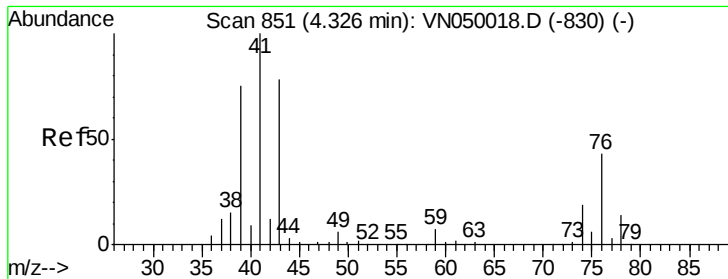
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

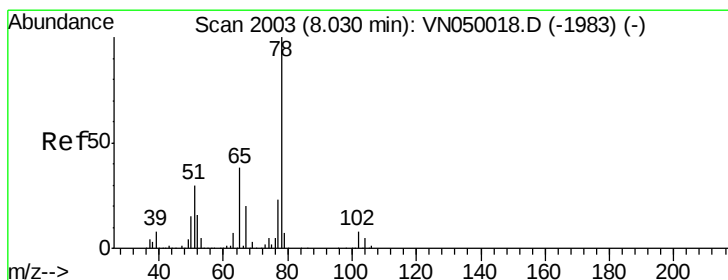
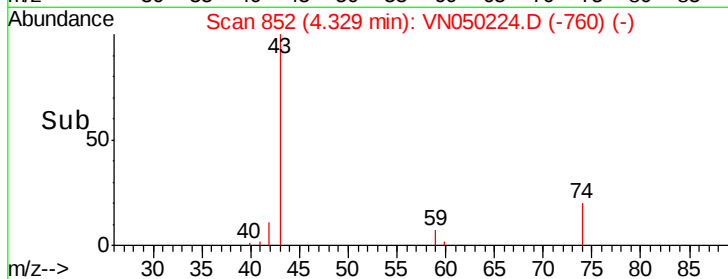
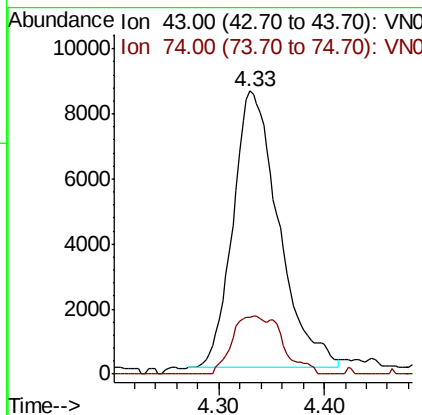
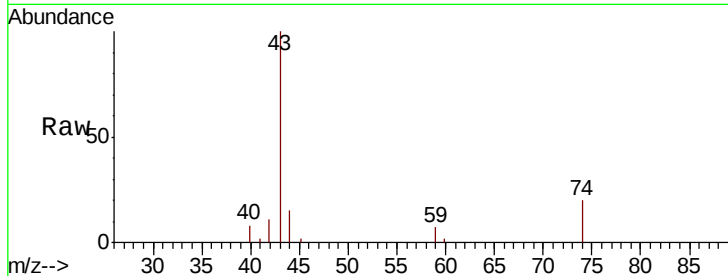




#18
Methvl Acetate
Concen: 1.537 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050224.D
Acq: 31 Jul 2018 19:01

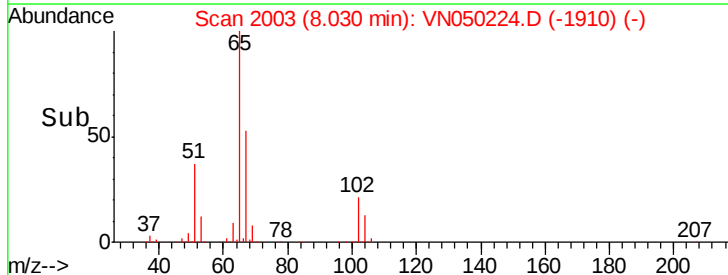
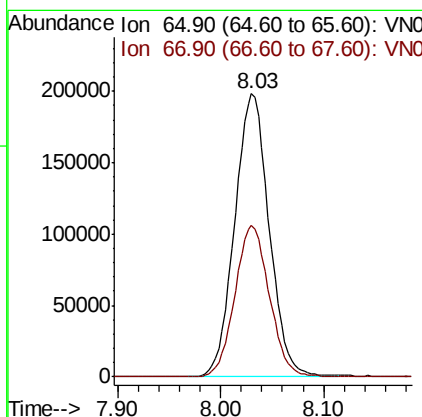
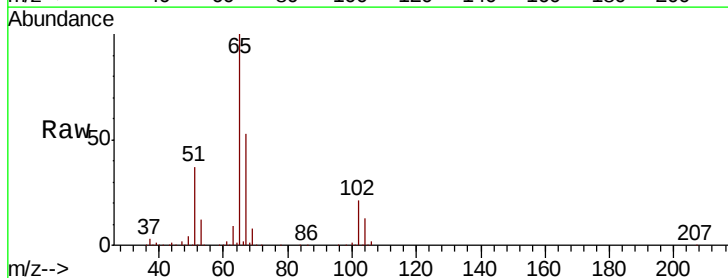
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-B

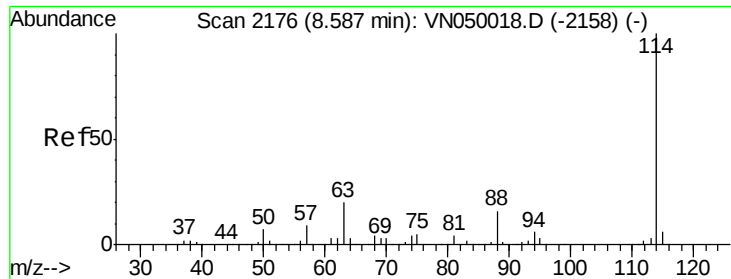
Tot Ion: 43 Resp: 25685
Ion Ratio Lower Upper
43 100
74 15.2 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.279 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050224.D
Acq: 31 Jul 2018 19:01

Tgt Ion: 65 Resp: 461369
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

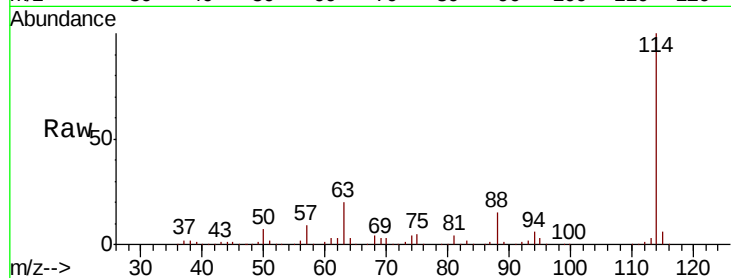




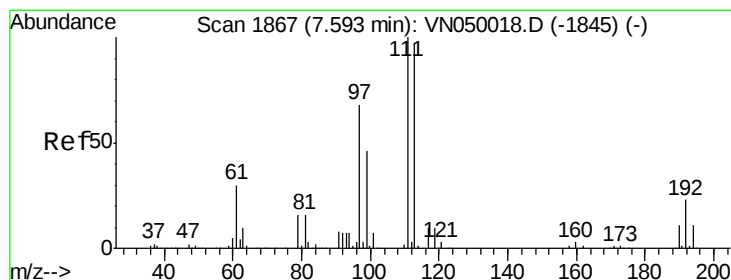
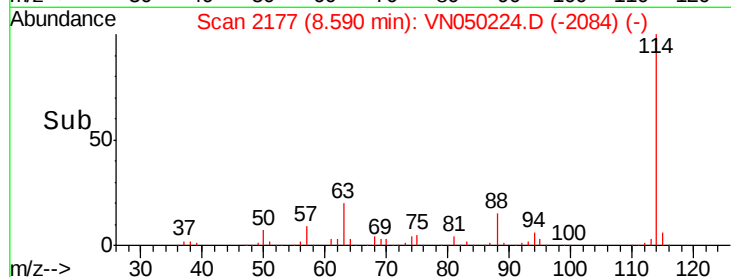
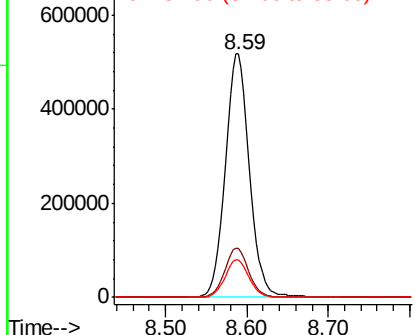
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050224.D
 Acq: 31 Jul 2018 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-B

Tot Ion:114 Resp: 1079581
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.4 0.0 31.2

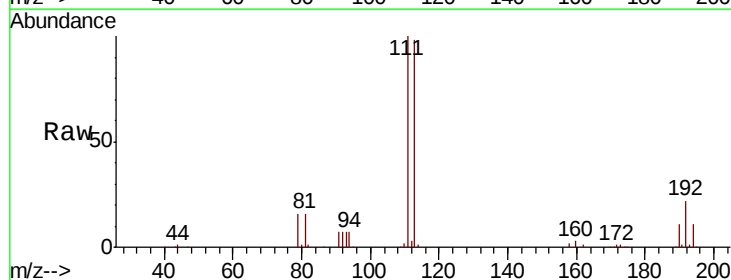


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

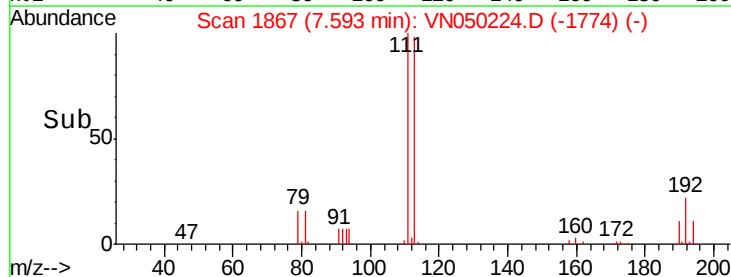
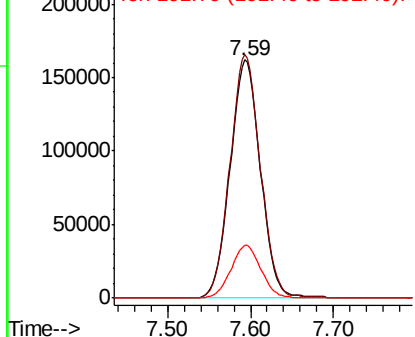


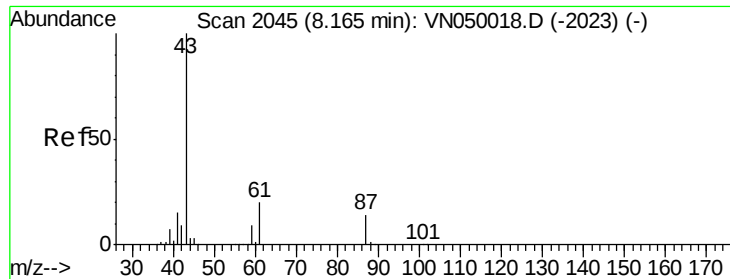
#35
 Dibromofluoromethane
 Concen: 46.761 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050224.D
 Acq: 31 Jul 2018 19:01

Tgt Ion:113 Resp: 412175
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.0 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





#43

Isopropyl Acetate

Concen: 21.550 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050224.D

Acq: 31 Jul 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-B

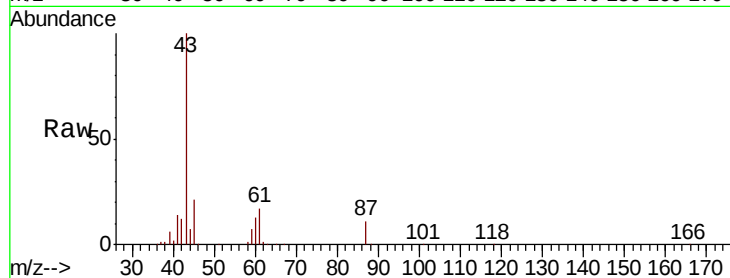
Tot Ion: 43 Resp: 354736

Ion Ratio Lower Upper

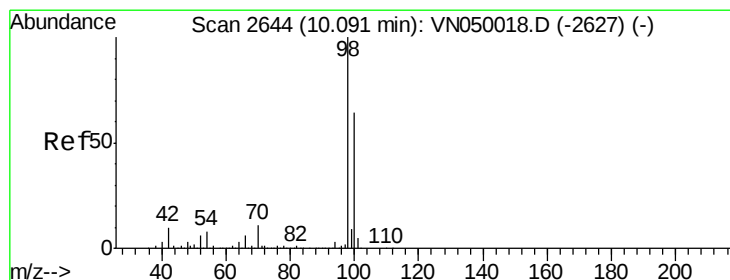
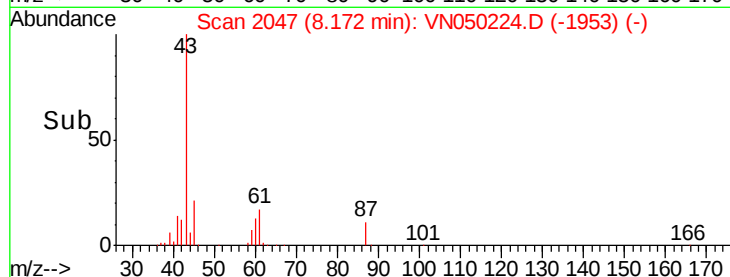
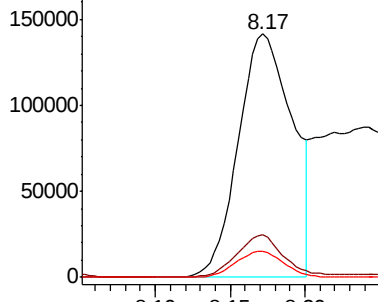
43 100

61 15.6 15.8 23.6#

87 9.6 10.3 15.5#



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



#50

Toluene-d8

Concen: 45.253 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050224.D

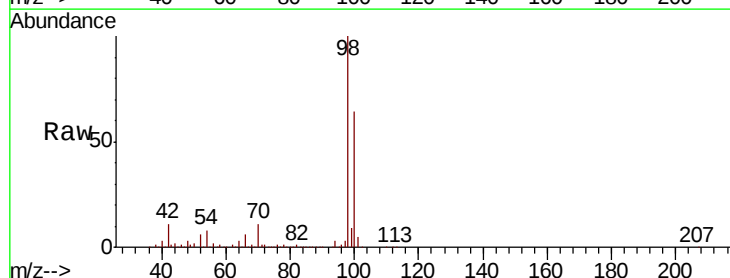
Acq: 31 Jul 2018 19:01

Tgt Ion: 98 Resp: 1466457

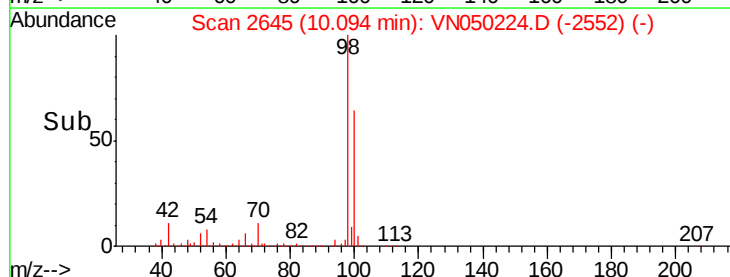
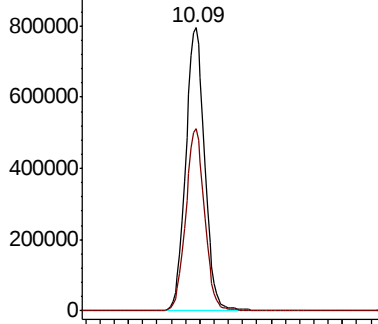
Ion Ratio Lower Upper

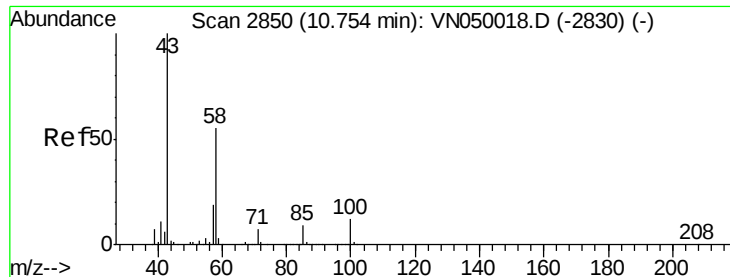
98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC





#59

2-Hexanone

Concen: 8.136 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050224.D

Acq: 31 Jul 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

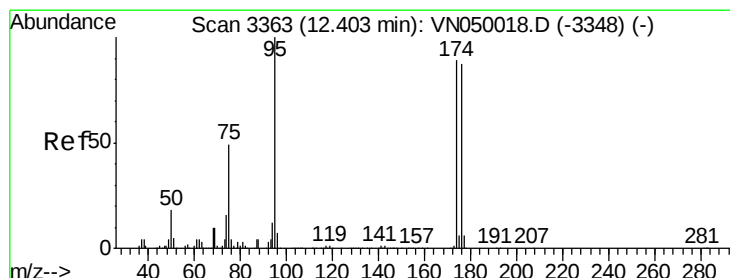
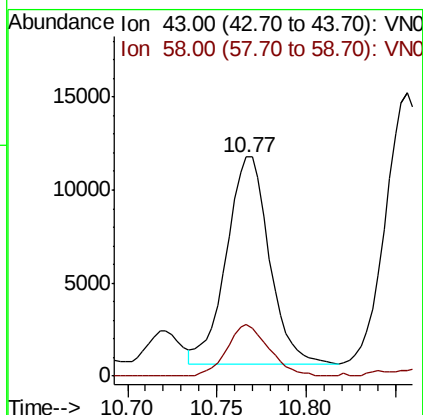
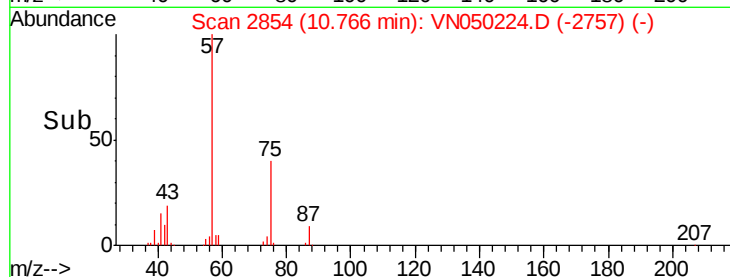
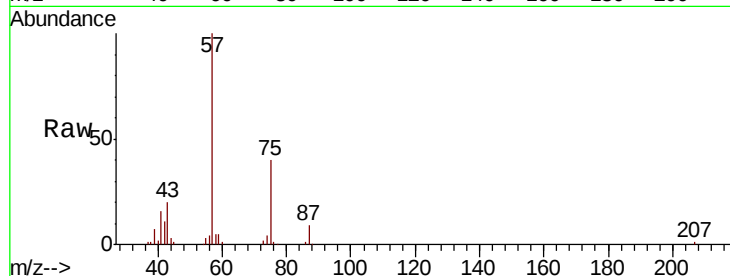
CL-01-073018-B

Tot Ion: 43 Resp: 18529

Ion Ratio Lower Upper

43 100

58 24.6 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 37.545 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050224.D

Acq: 31 Jul 2018 19:01

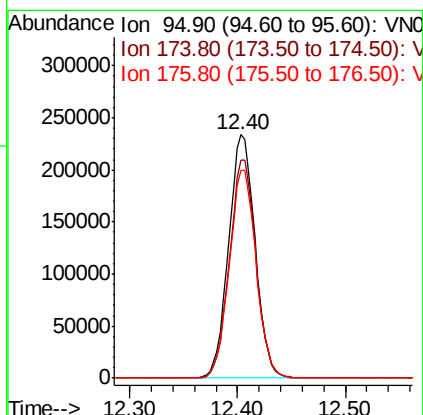
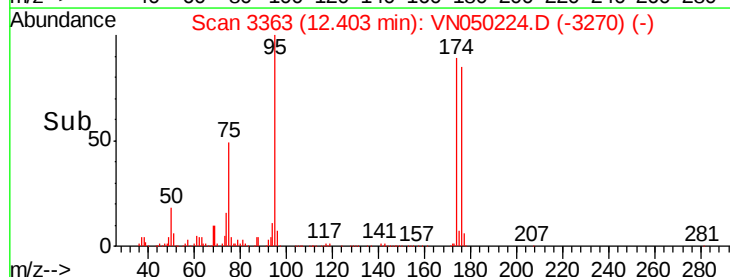
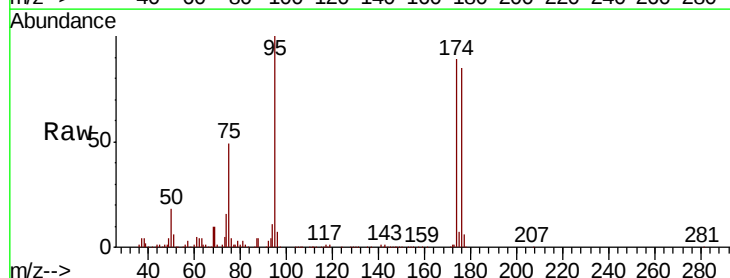
Tgt Ion: 95 Resp: 400622

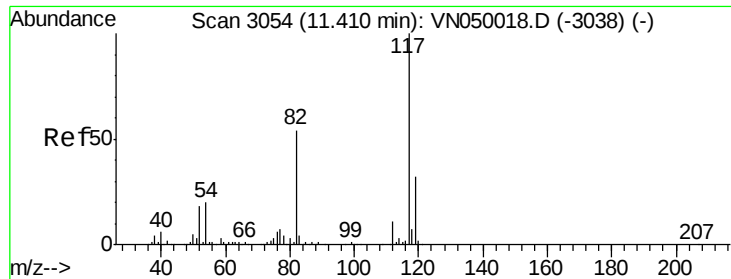
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.2

176 86.3 0.0 173.4

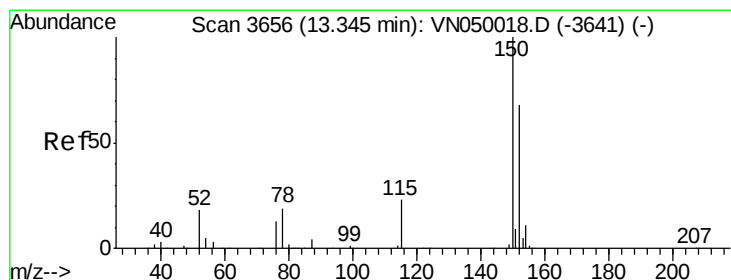
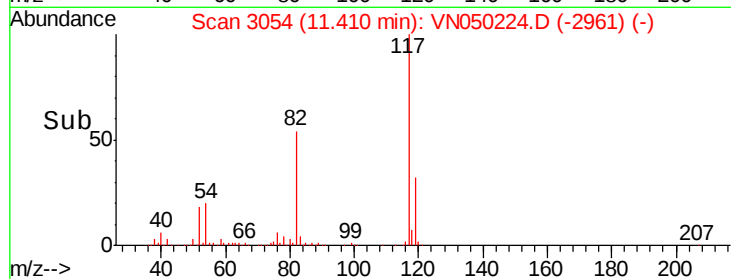
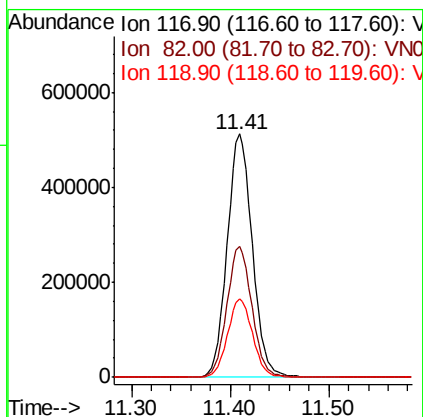
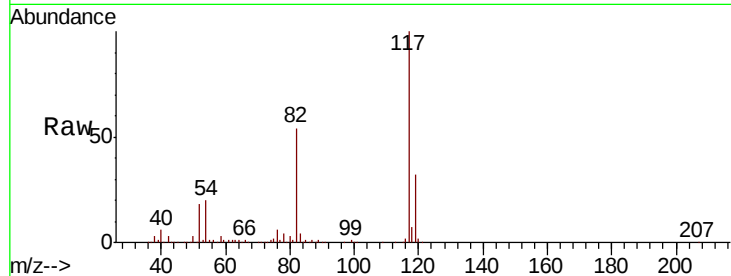




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050224.D
Acq: 31 Jul 2018 19:01

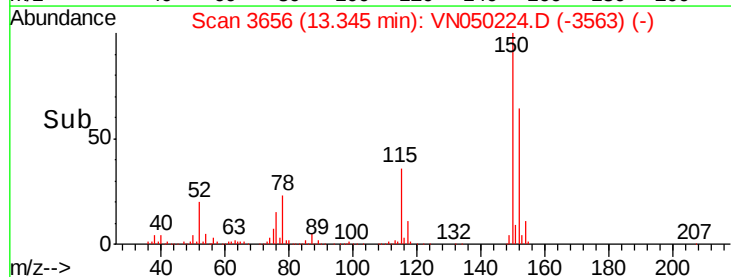
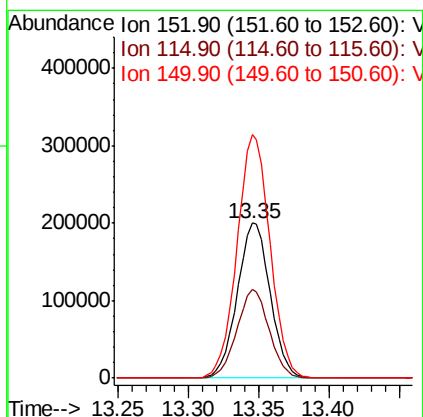
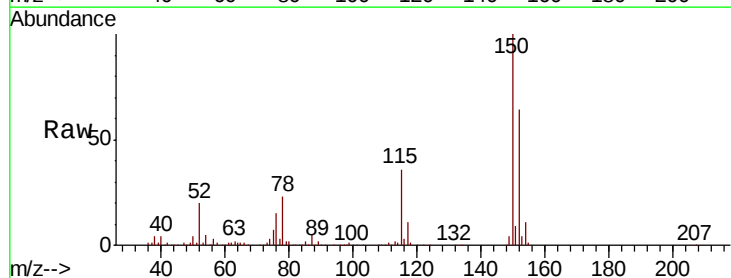
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CL-01-073018-B

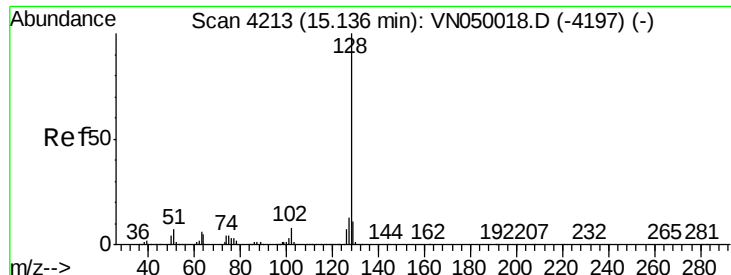
Tot Ion:117 Resp: 912702
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050224.D
Acq: 31 Jul 2018 19:01

Tgt Ion:152 Resp: 327262
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 157.2 0.0 348.6

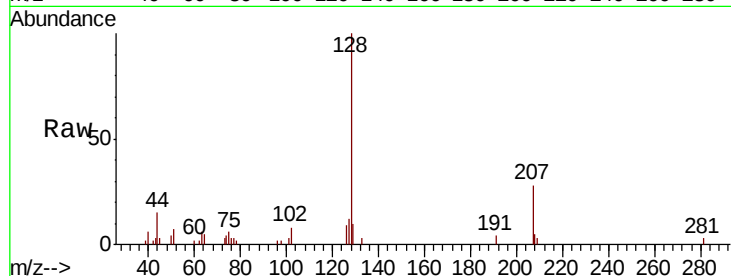




#95
Naphthalene
Concen: 5.496 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN050224.D
Acq: 31 Jul 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.4	15.6
129	9.9	8.8	13.2



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

