

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050474.D
 Acq On : 8 Aug 2018 21:26
 Operator : MD\SY
 Sample : J4275-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-080718-D

Quant Time: Aug 09 02:03:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	776540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1228677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	458846	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	504917	48.67	ug/l	0.00
Spiked Amount						
			Recovery	=	97.34%	
35) Dibromofluoromethane	7.60	113	458685	46.53	ug/l	0.00
Spiked Amount						
			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1663803	44.89	ug/l	0.00
Spiked Amount						
			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	507064	40.14	ug/l	0.00
Spiked Amount						
			Recovery	=	80.28%	

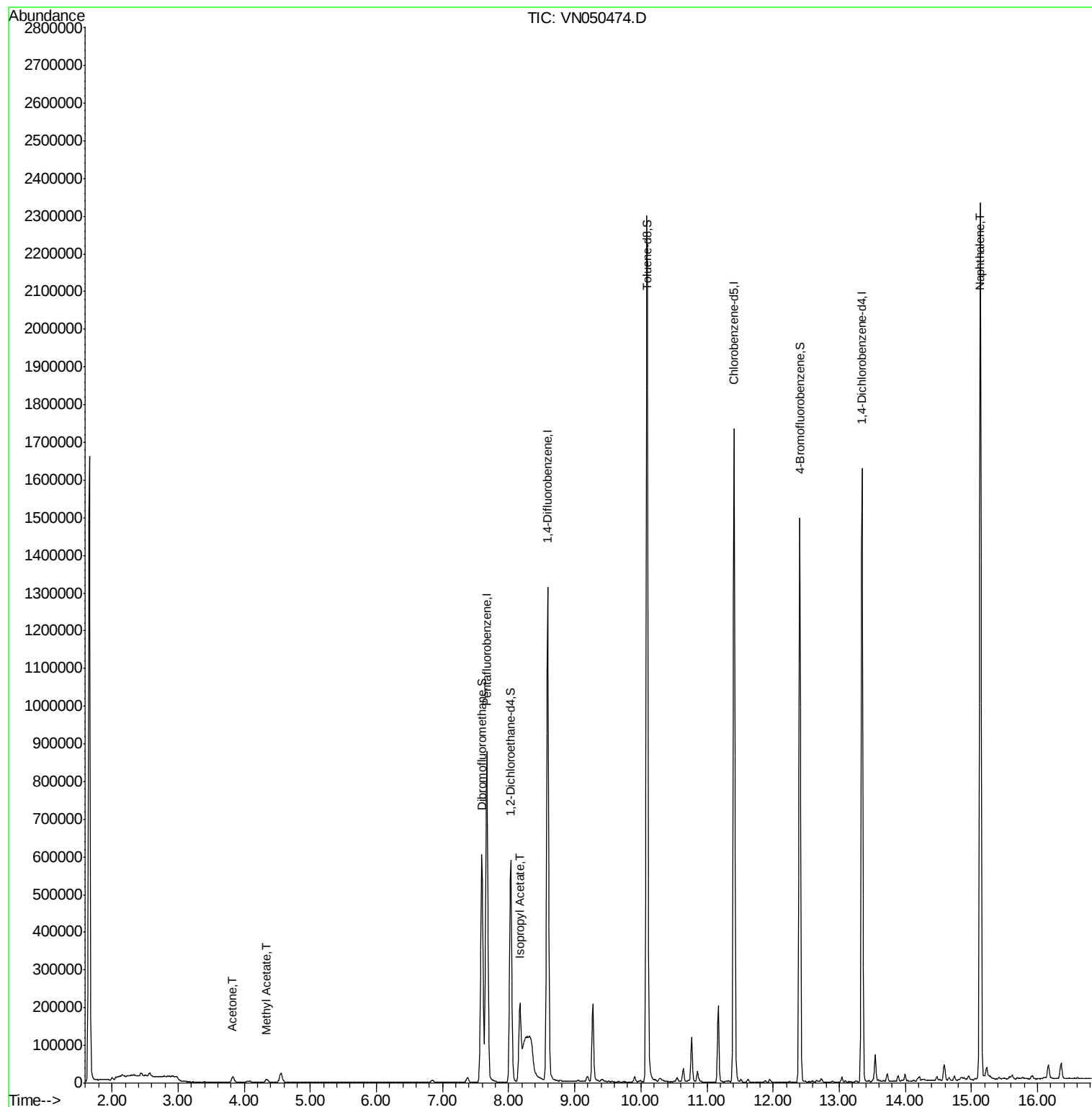
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	27628	8.58	ug/l	92
18) Methyl Acetate	4.33	43	14657	1.64	ug/l	98
43) Isopropyl Acetate	8.17	43	274753	16.37	ug/l	97
95) Naphthalene	15.13	128	2001463	87.18	ug/l	99

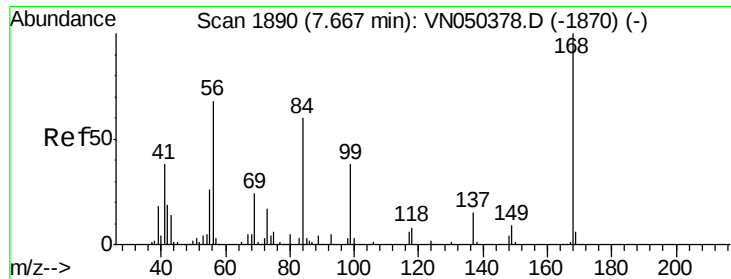
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

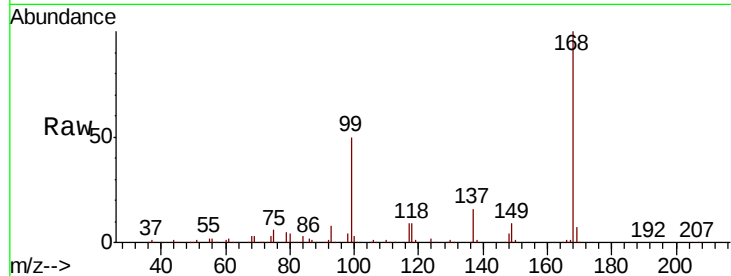
CL-02-080718-D

Tot Ion:168 Resp: 776540

Ion Ratio Lower Upper

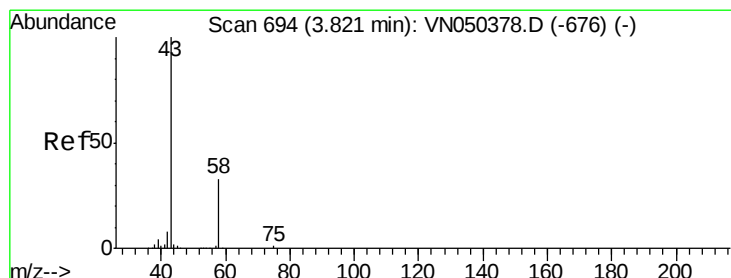
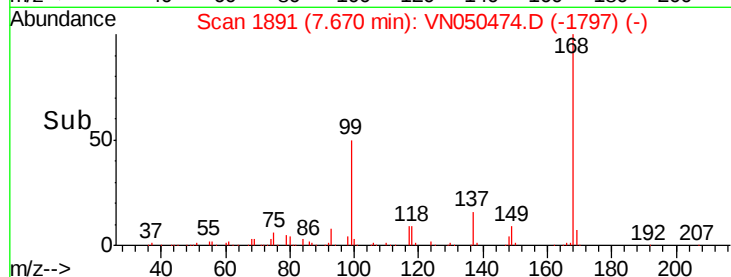
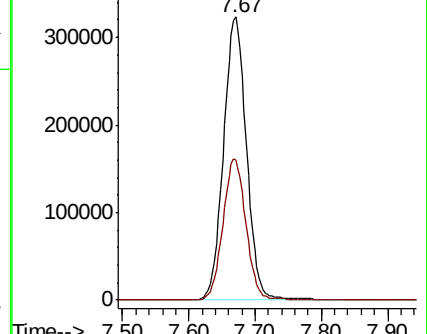
168 100

99 49.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.58 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050474.D

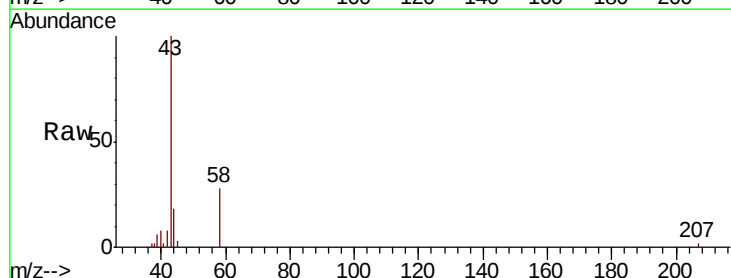
Acq: 8 Aug 2018 21:26

Tgt Ion: 43 Resp: 27628

Ion Ratio Lower Upper

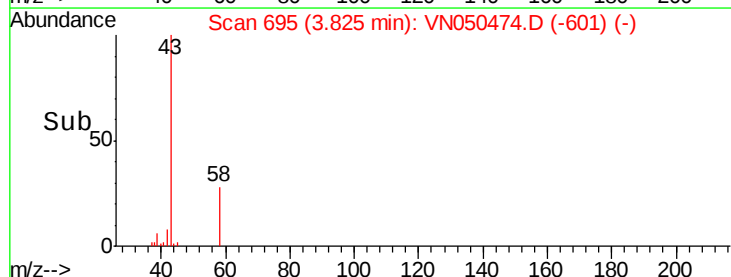
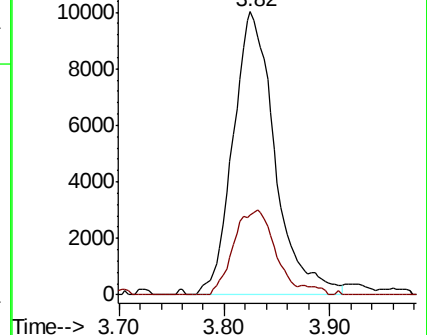
43 100

58 28.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

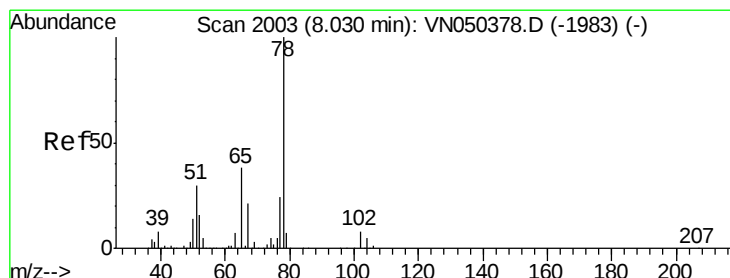
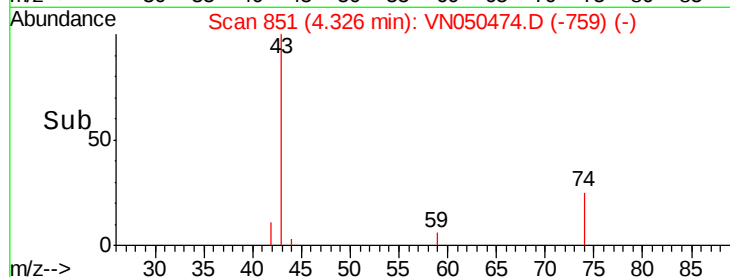
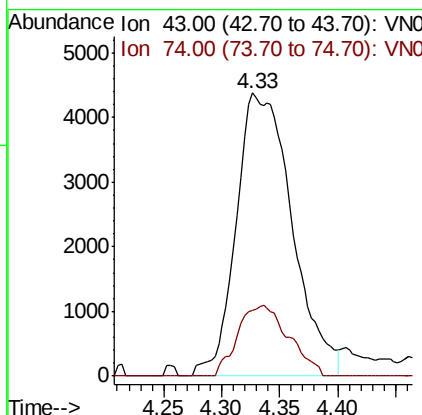
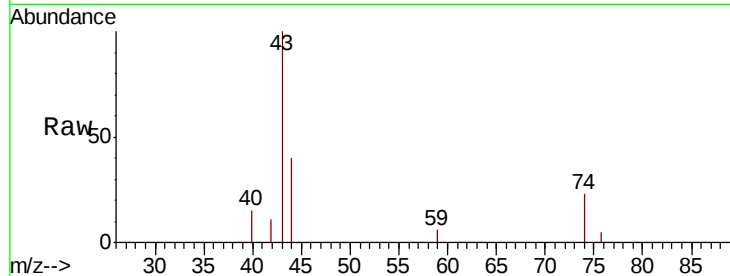




#18
Methvl Acetate
Concen: 1.64 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN050474.D
Acq: 8 Aug 2018 21:26

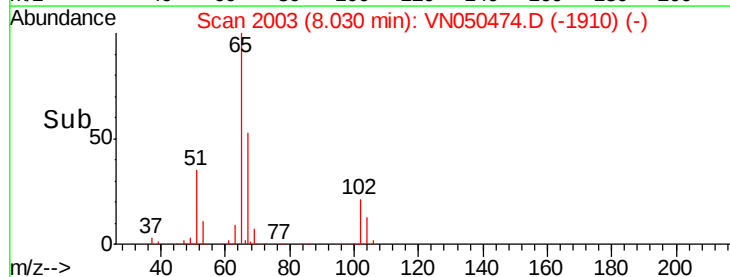
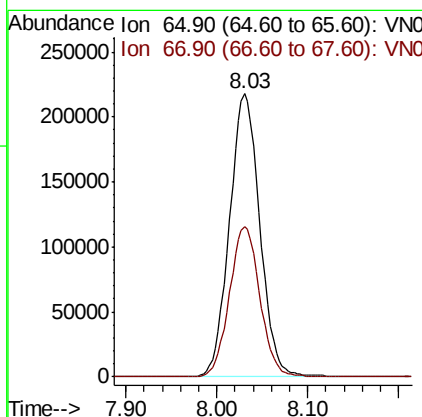
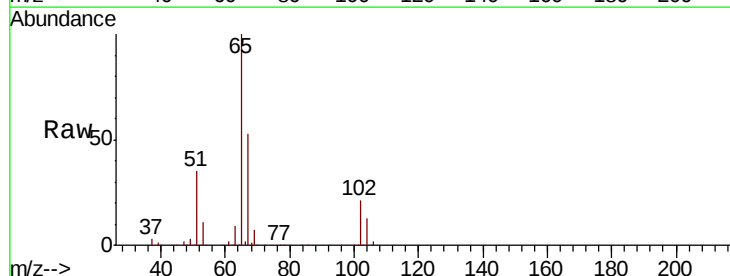
Instrument :
MSVOA_N
ClientSampleId :
CL-02-080718-D

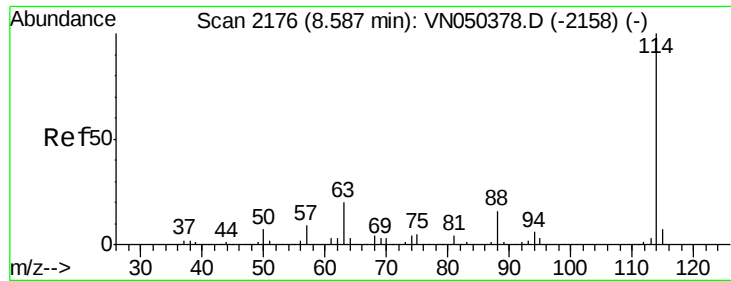
Tot Ion: 43 Resp: 14657
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 48.67 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050474.D
Acq: 8 Aug 2018 21:26

Tgt Ion: 65 Resp: 504917
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

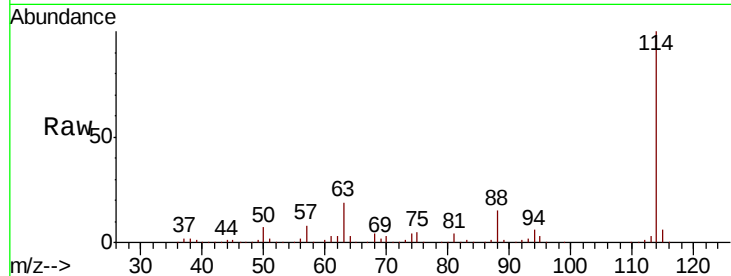




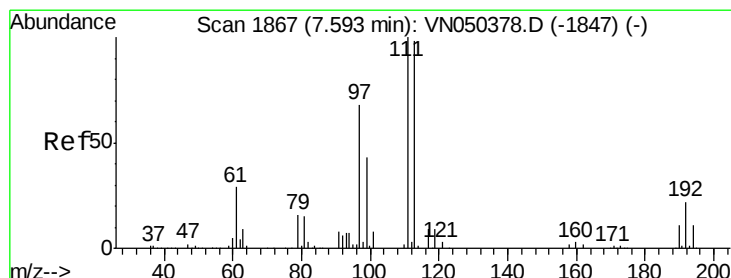
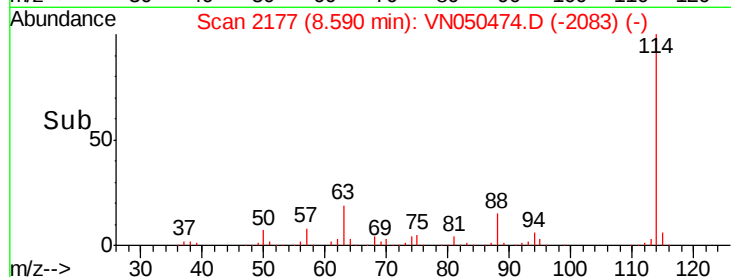
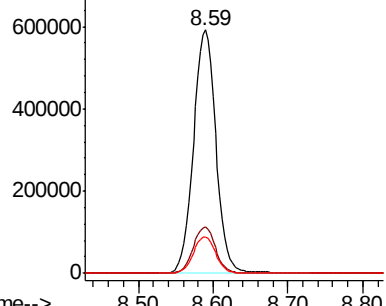
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050474.D
 Acq: 8 Aug 2018 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-080718-D

Tot Ion:114 Resp: 1228677
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 15.1 0.0 31.2

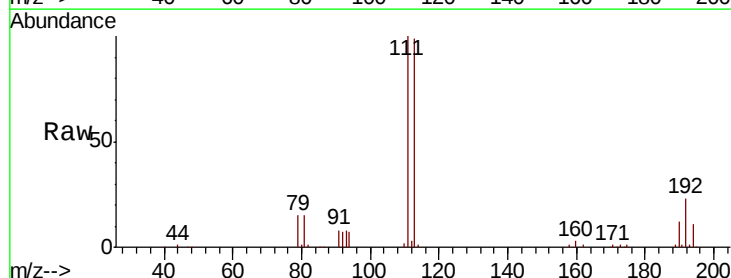


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

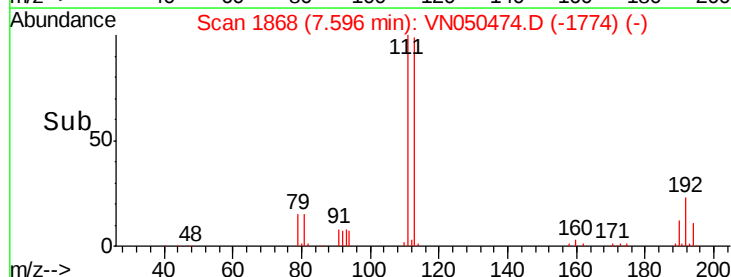
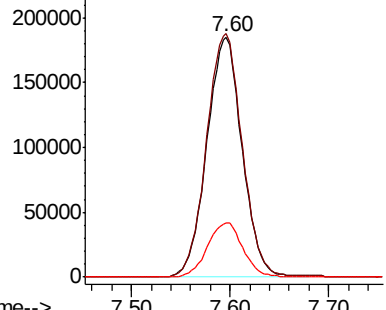


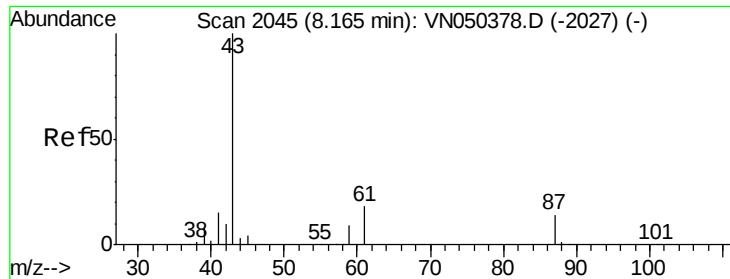
#35
 Dibromofluoromethane
 Concen: 46.53 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050474.D
 Acq: 8 Aug 2018 21:26

Tgt Ion:113 Resp: 458685
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 22.7 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: 16.37 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

CL-02-080718-D

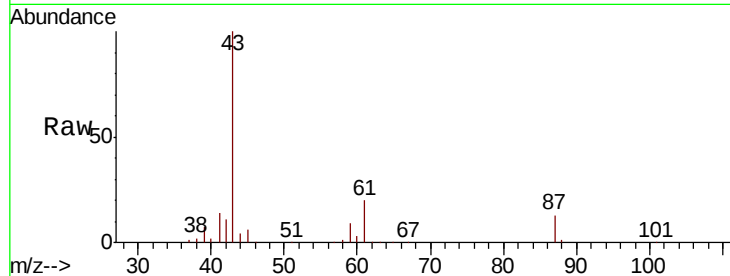
Tot Ion: 43 Resp: 274753

Ion Ratio Lower Upper

43 100

61 18.4 15.8 23.6

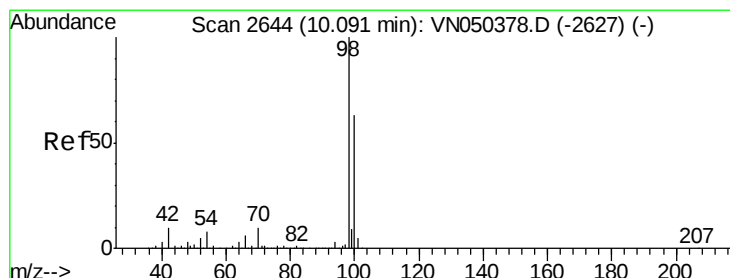
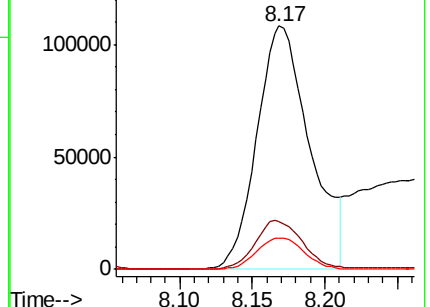
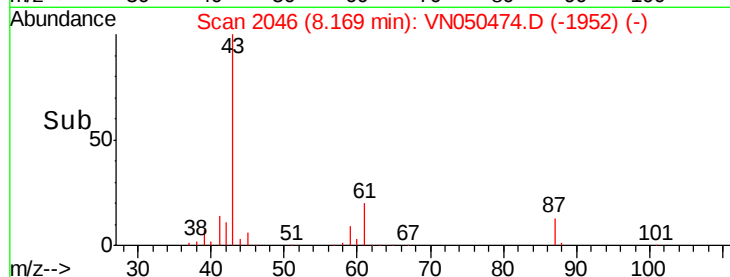
87 11.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 44.89 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050474.D

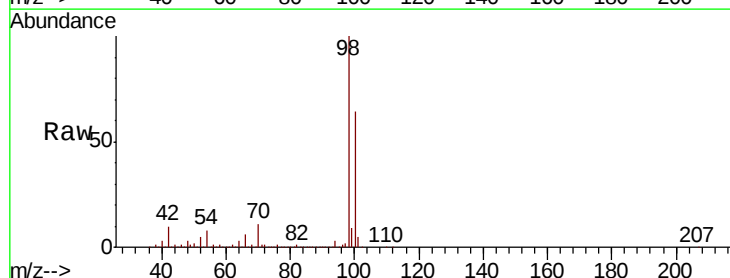
Acq: 8 Aug 2018 21:26

Tgt Ion: 98 Resp: 1663803

Ion Ratio Lower Upper

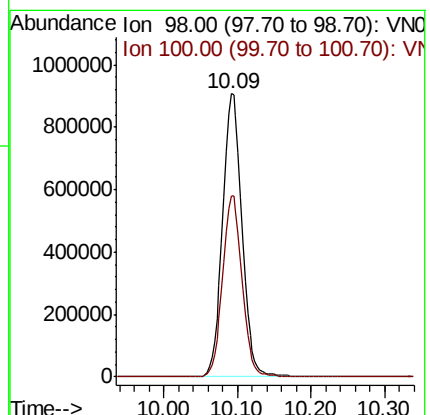
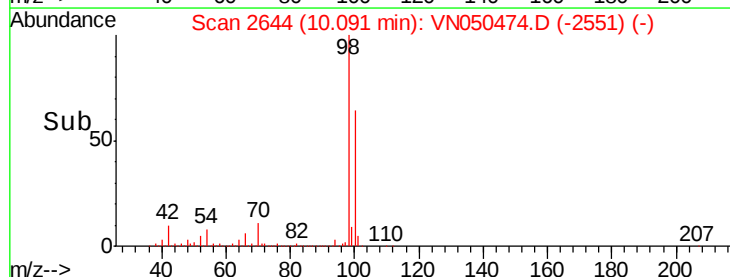
98 100

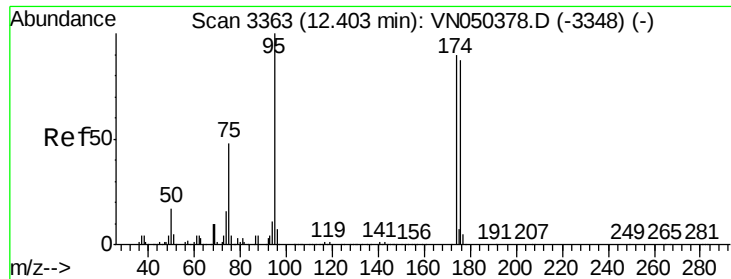
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 40.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

CL-02-080718-D

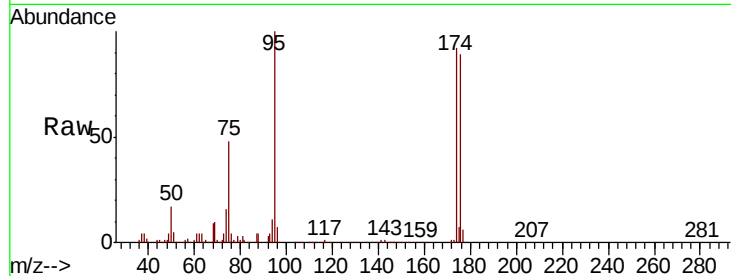
Tot Ion: 95 Resp: 507064

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

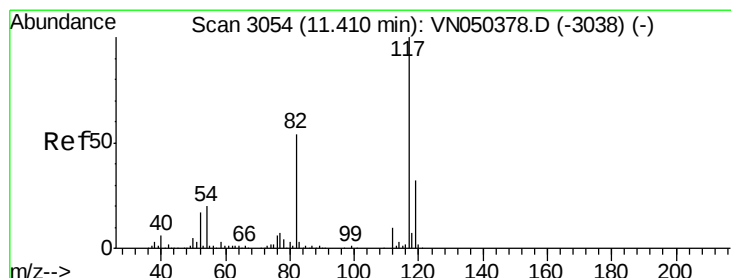
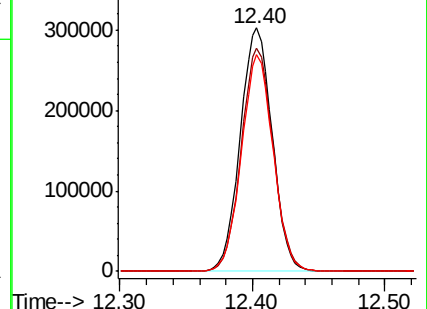
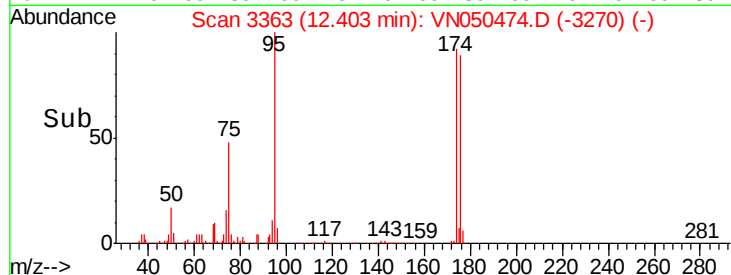
176 88.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050474.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050474.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050474.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

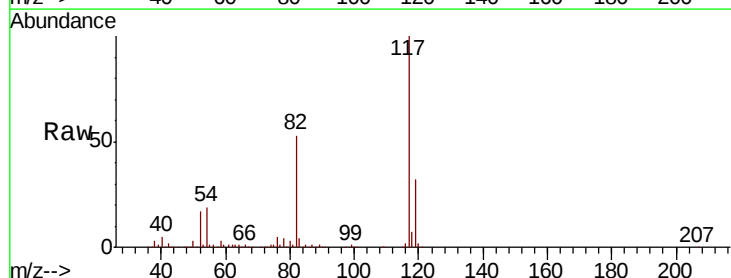
Tgt Ion: 117 Resp: 1061907

Ion Ratio Lower Upper

117 100

82 53.0 43.7 65.5

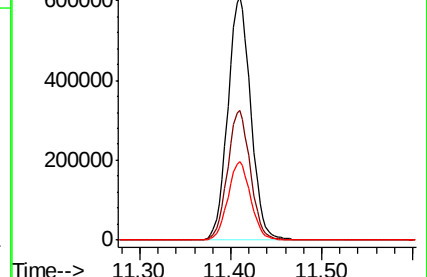
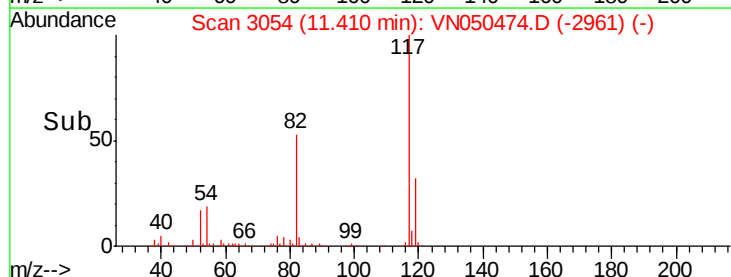
119 32.3 26.1 39.1

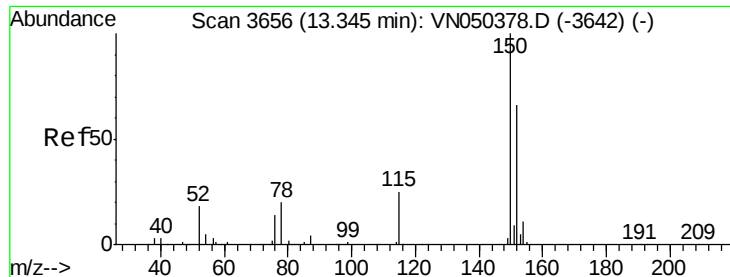


Abundance Ion 116.90 (116.60 to 117.60): VN050474.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050474.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050474.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

CL-02-080718-D

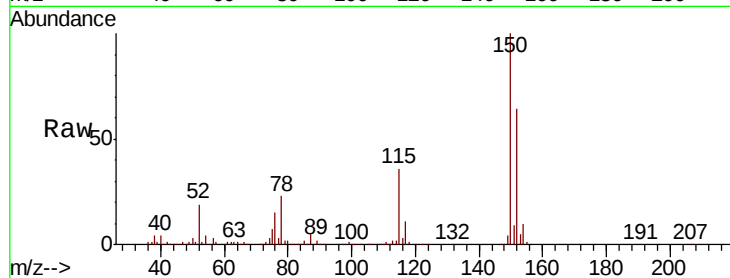
Tot Ion:152 Resp: 458846

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

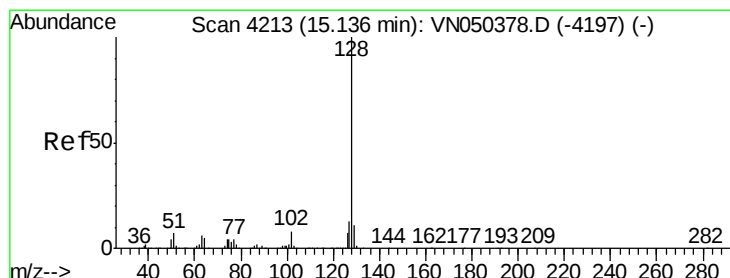
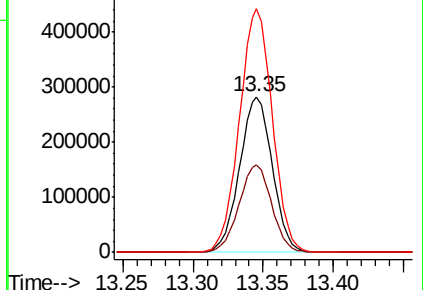
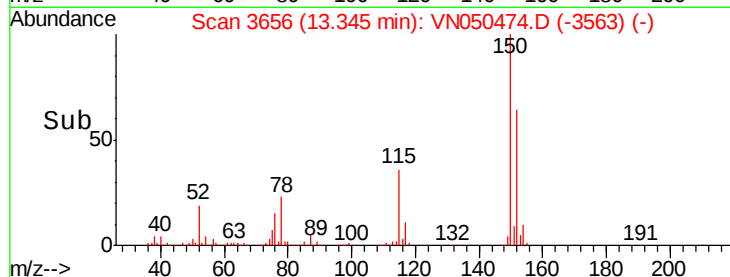
150 157.5 0.0 348.6



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



#95

Naphthalene

Concen: 87.18 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050474.D

Acq: 8 Aug 2018 21:26

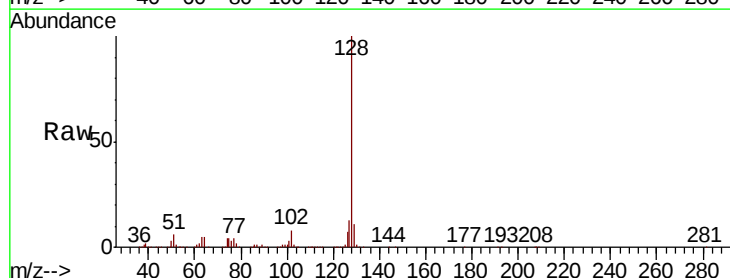
Tgt Ion:128 Resp: 2001463

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 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

