

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053795.D
 Acq On : 15 Feb 2019 13:04
 Operator : JC/SP
 Sample : K1484-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-2-D

Quant Time: Feb 15 23:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

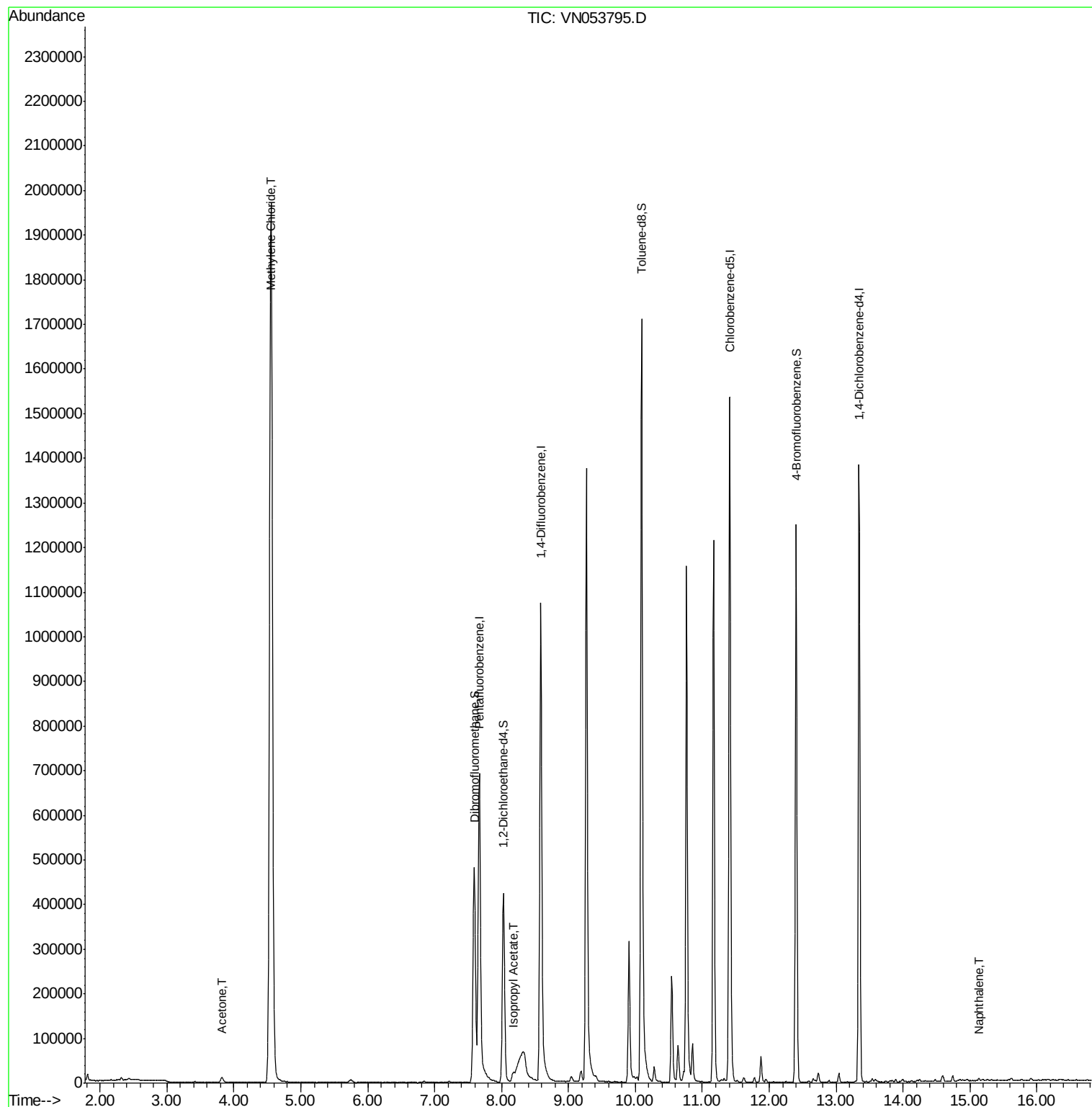
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	702397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1137838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	401547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364456	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	378395	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.09	98	1378532	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	434780	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
16) Acetone	3.82	43	20745	11.478	ug/l	100
20) Methylene Chloride	4.55	84	1590673	209.772	ug/l	98
43) Isopropyl Acetate	8.17	43	27278	2.466	ug/l #	85
95) Naphthalene	15.14	128	5609	2.043	ug/l	98

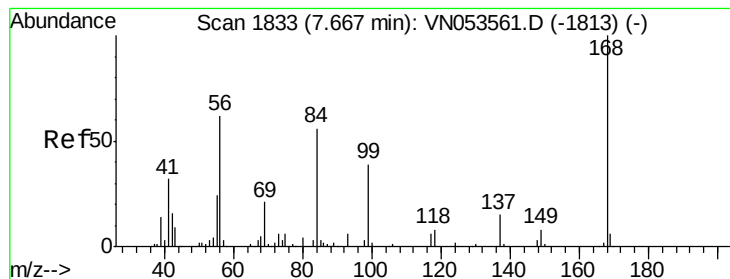
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053795.D

Acq: 15 Feb 2019 13:04

Instrument :

MSVOA_N

ClientSampled :

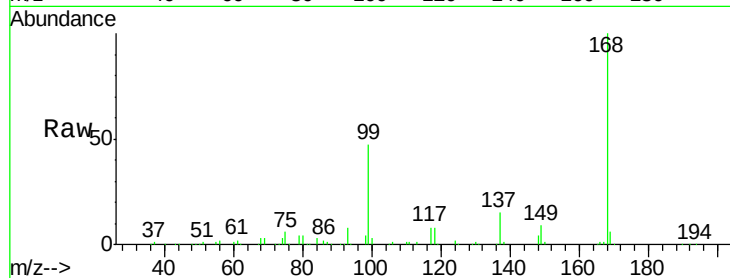
M-2-D

Tot Ion:168 Resp: 702397

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

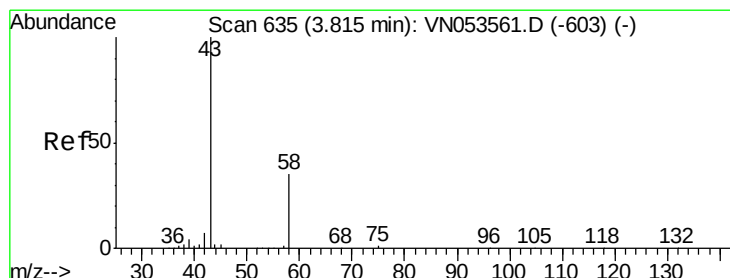
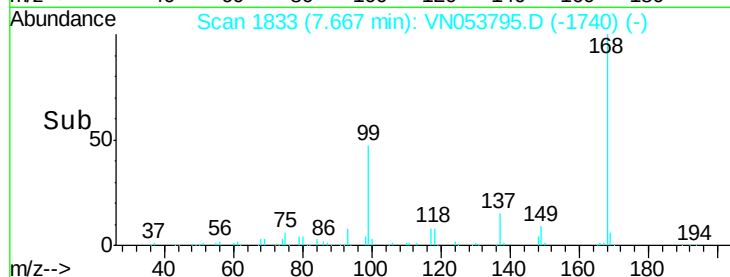
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.478 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053795.D

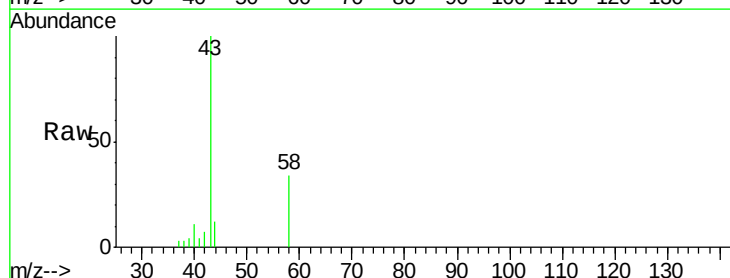
Acq: 15 Feb 2019 13:04

Tgt Ion: 43 Resp: 20745

Ion Ratio Lower Upper

43 100

58 33.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

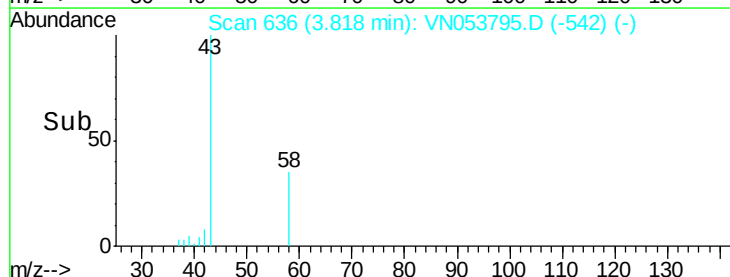
6000

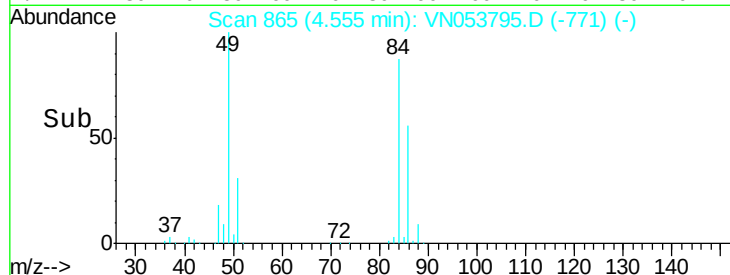
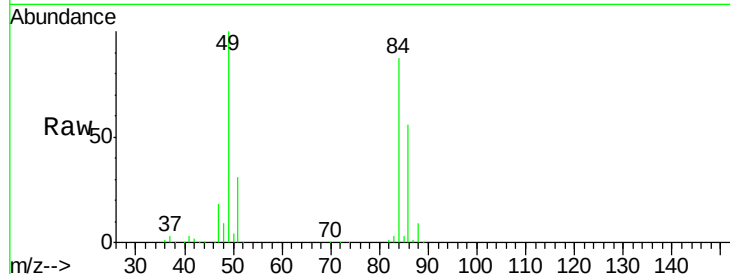
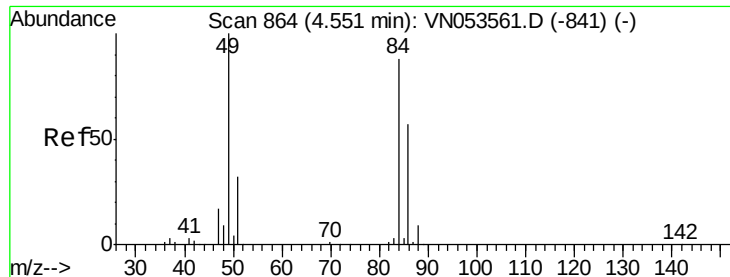
4000

2000

0

Time--> 3.75 3.80 3.85 3.90



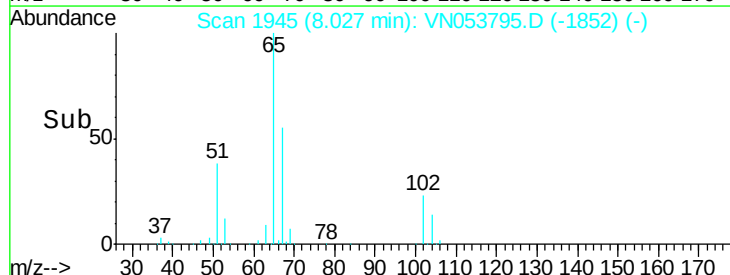
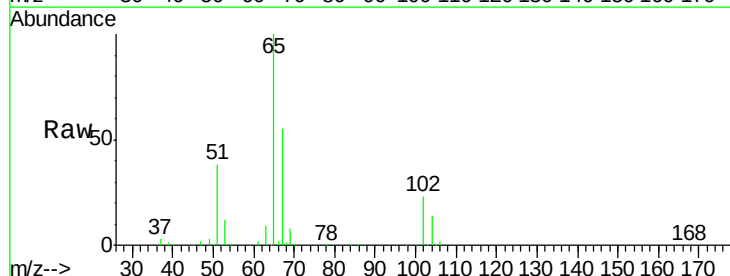
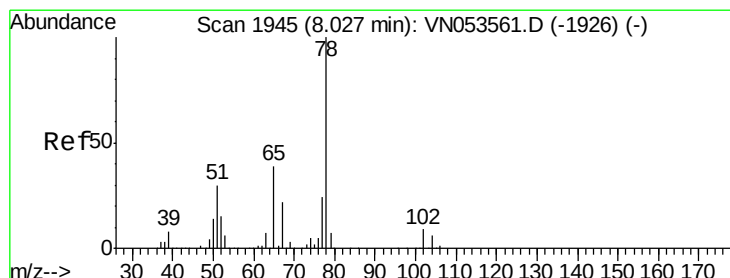
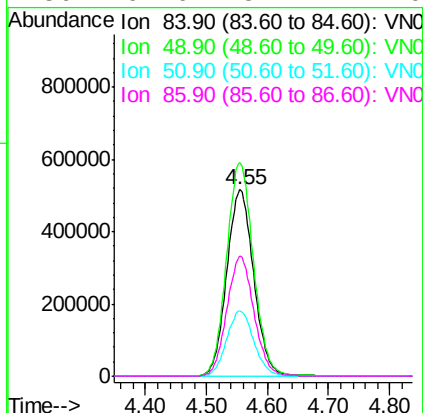


#20
Methylene Chloride
Concen: 209.772 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053795.D
Acq: 15 Feb 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :
M-2-D

Tot Ion: 84 Resp: 1590673

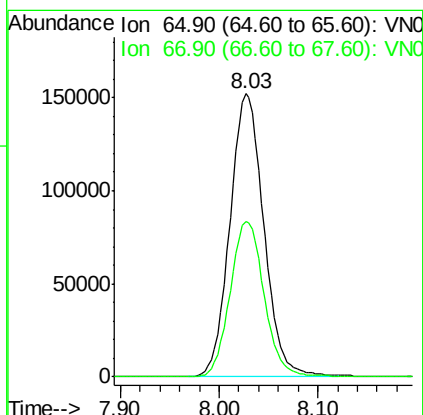
Ion	Ratio	Lower	Upper
84	100		
49	114.6	94.3	141.5
51	35.3	29.4	44.2
86	64.6	51.4	77.0

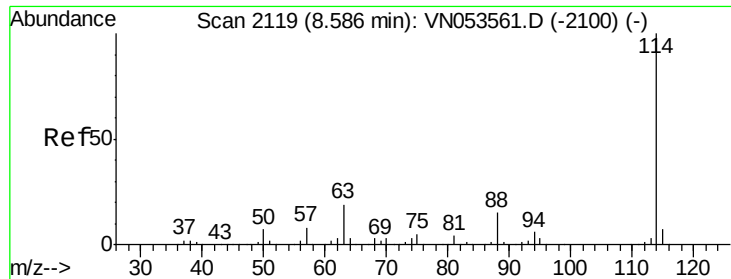


#33
1,2-Dichloroethane-d4
Concen: 51.722 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053795.D
Acq: 15 Feb 2019 13:04

Tgt Ion: 65 Resp: 364456

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2

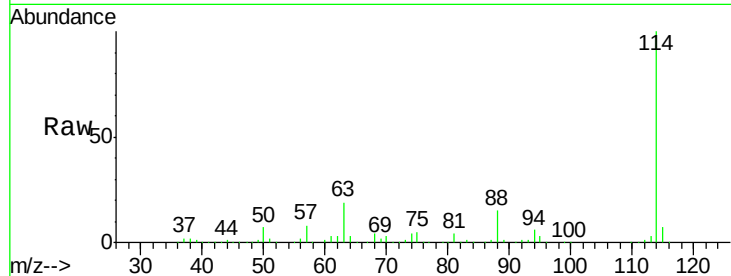




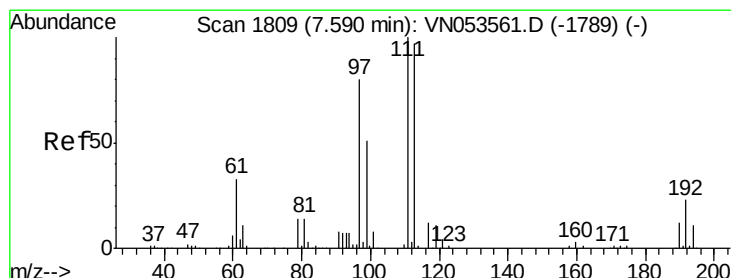
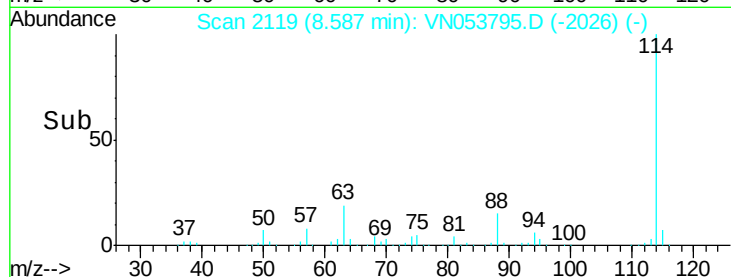
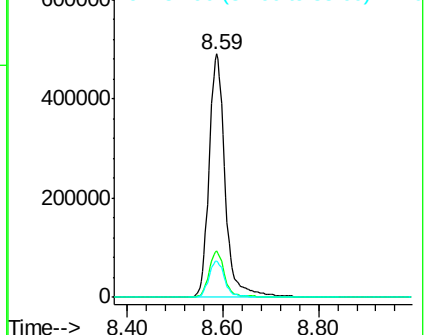
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053795.D
 Acq: 15 Feb 2019 13:04

Instrument :
 MSVOA_N
 ClientSampled :
 M-2-D

Tot Ion:114 Resp: 1137838
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.1 0.0 30.4

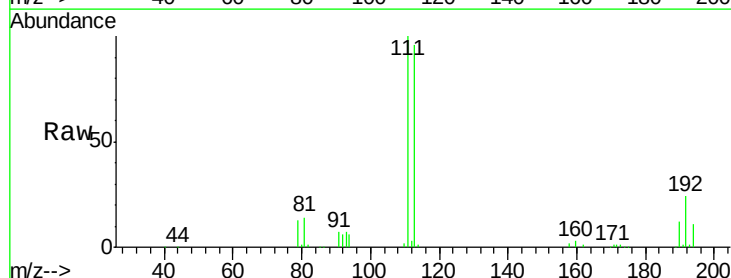


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

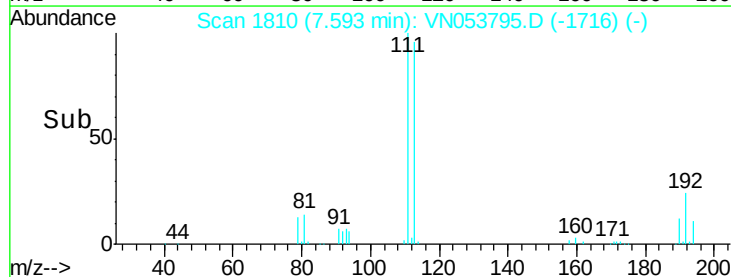
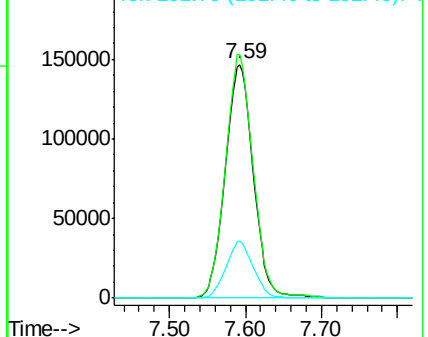


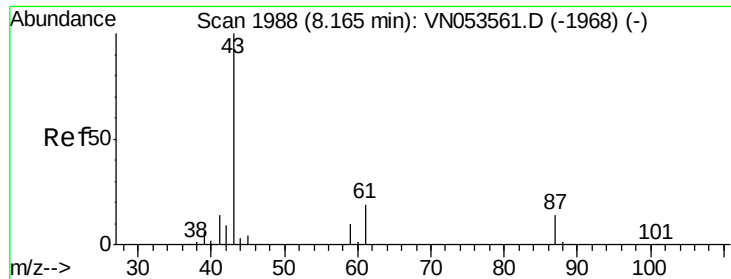
#35
 Dibromofluoromethane
 Concen: 52.630 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053795.D
 Acq: 15 Feb 2019 13:04

Tgt Ion:113 Resp: 378395
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 23.8 18.2 27.2



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: 2.466 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053795.D

Acq: 15 Feb 2019 13:04

Instrument :

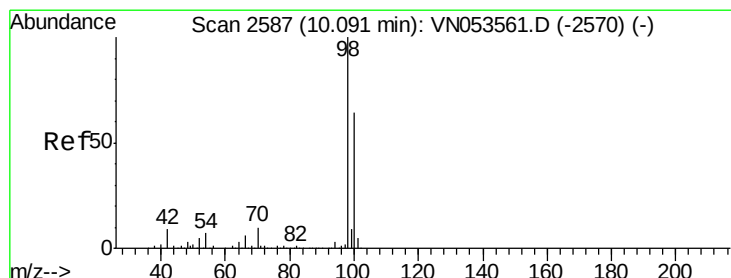
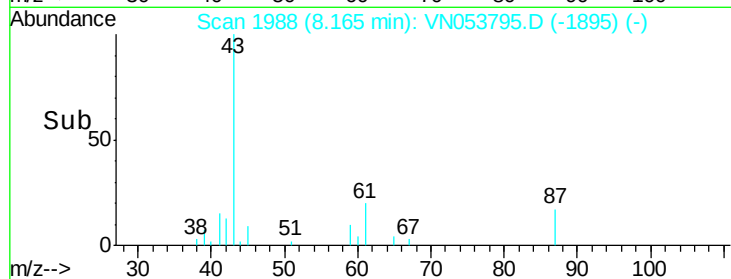
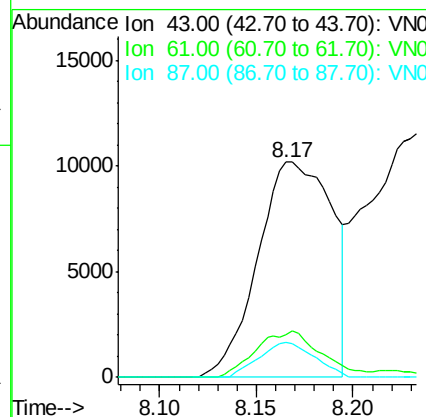
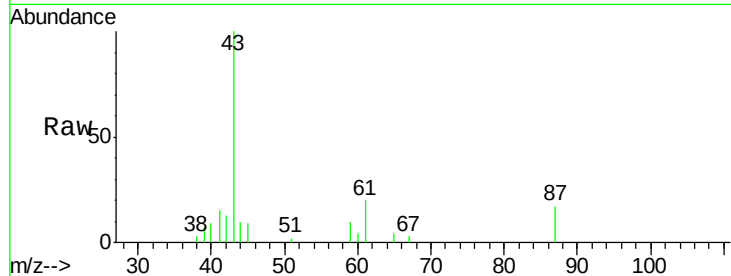
MSVOA_N

ClientSampleId :

M-2-D

Tot Ion: 43 Resp: 27278

Ion	Ratio	Lower	Upper
43	100		
61	18.8	23.9	35.9#
87	12.1	11.0	16.6



#50

Toluene-d8

Concen: 51.065 ug/l

RT: 10.09 min Scan# 2587

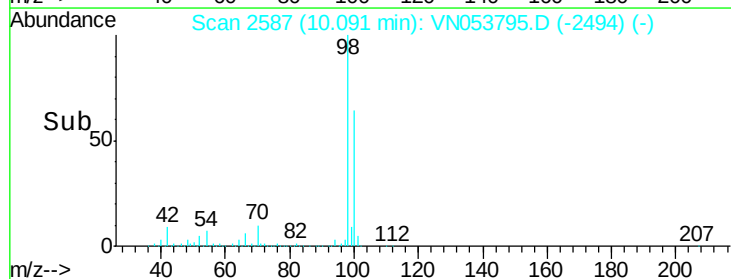
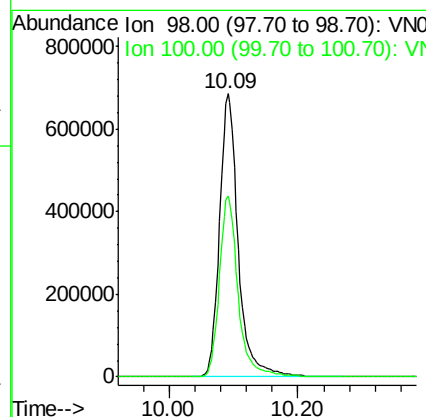
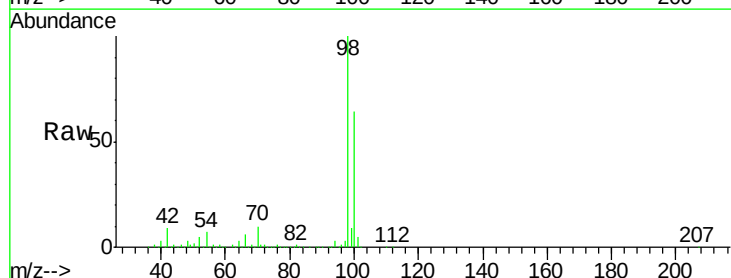
Delta R.T. 0.00 min

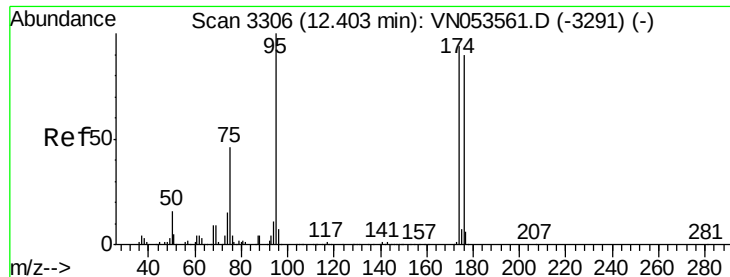
Lab File: VN053795.D

Acq: 15 Feb 2019 13:04

Tgt Ion: 98 Resp: 1378532

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 48.290 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053795.D

Acq: 15 Feb 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

M-2-D

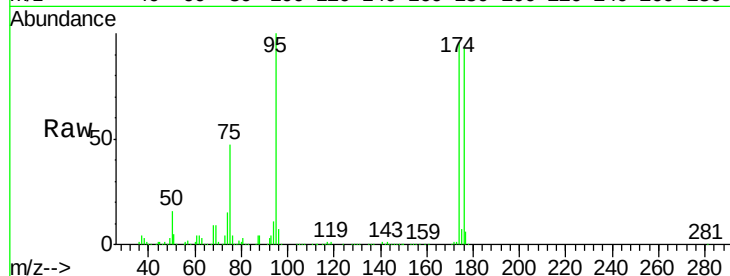
Tot Ion: 95 Resp: 434780

Ion Ratio Lower Upper

95 100

174 96.3 0.0 183.2

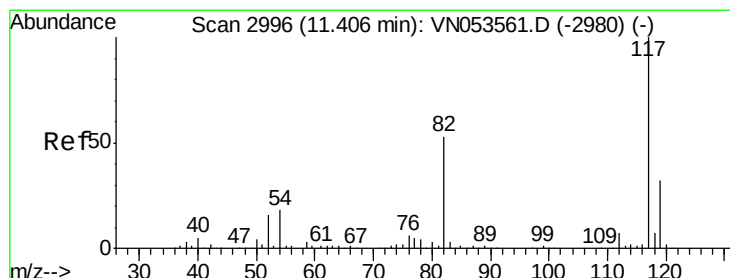
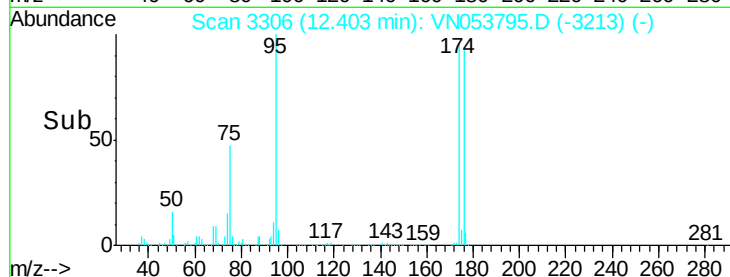
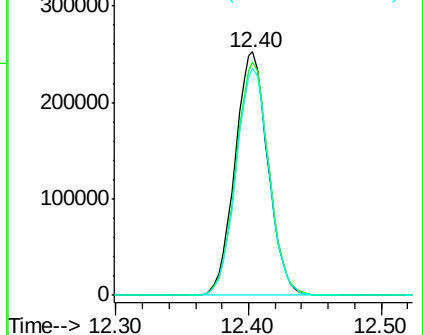
176 93.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053795.D

Acq: 15 Feb 2019 13:04

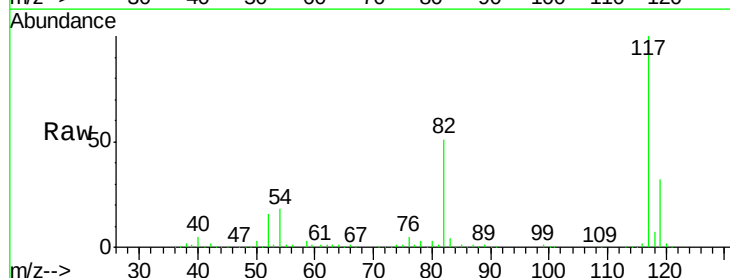
Tgt Ion: 117 Resp: 1048909

Ion Ratio Lower Upper

117 100

82 51.4 42.9 64.3

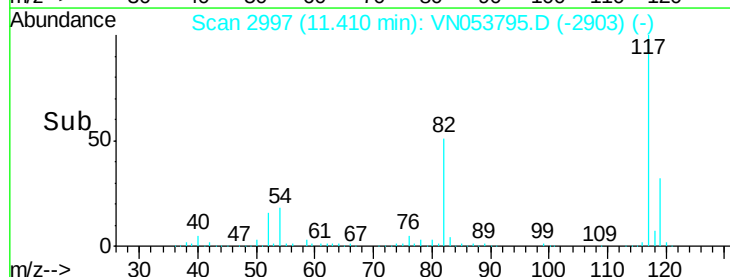
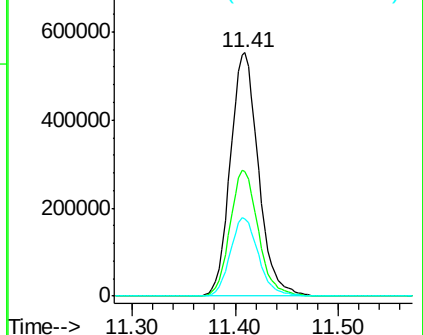
119 32.0 26.0 39.0

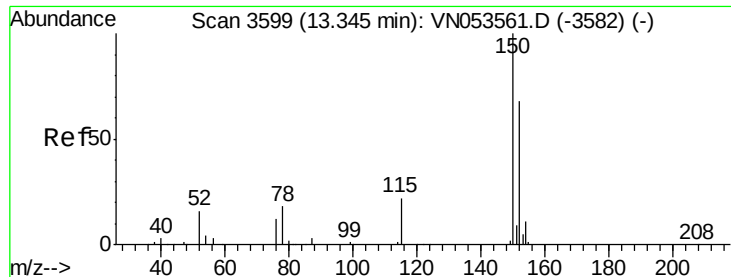


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0



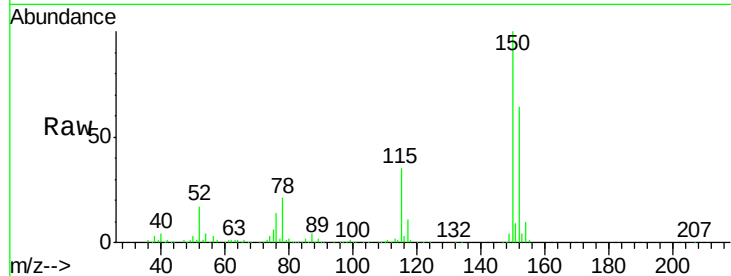


#72

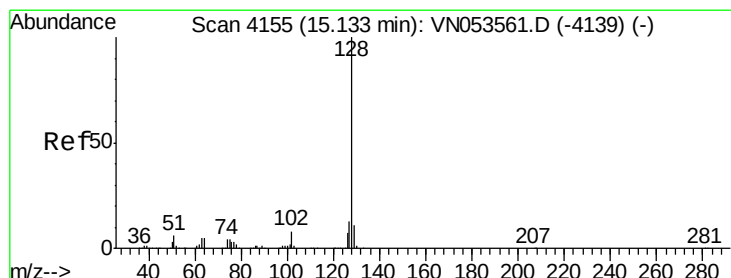
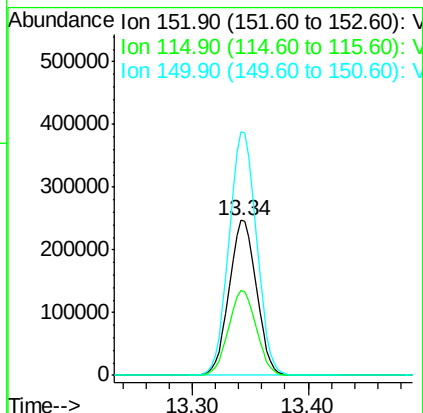
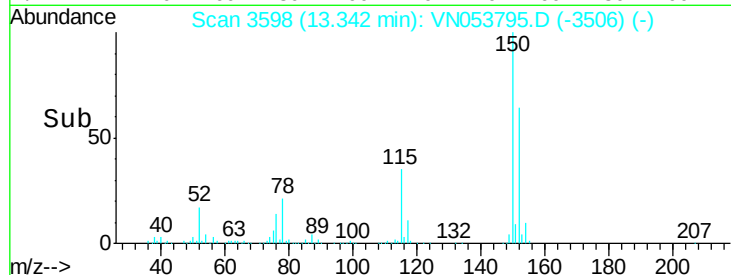
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053795.D
Acq: 15 Feb 2019 13:04

Instrument :
MSVOA_N
ClientSampled :
M-2-D

Tot Ion:152 Resp: 401547
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 158.2 0.0 349.0



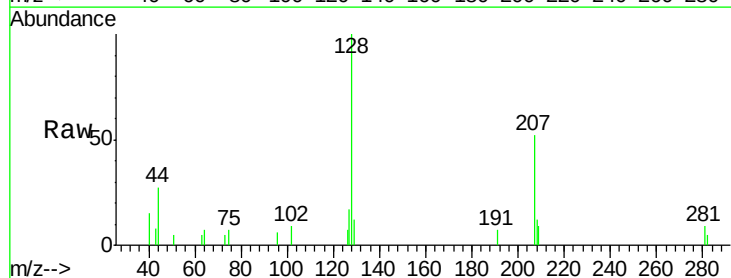
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.043 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053795.D
Acq: 15 Feb 2019 13:04

Tgt Ion:128 Resp: 5609
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 9.4 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

