

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053732.D
 Acq On : 12 Feb 2019 16:00
 Operator : JC/SP
 Sample : K1459-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-10-S

Quant Time: Feb 13 05:15:38 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

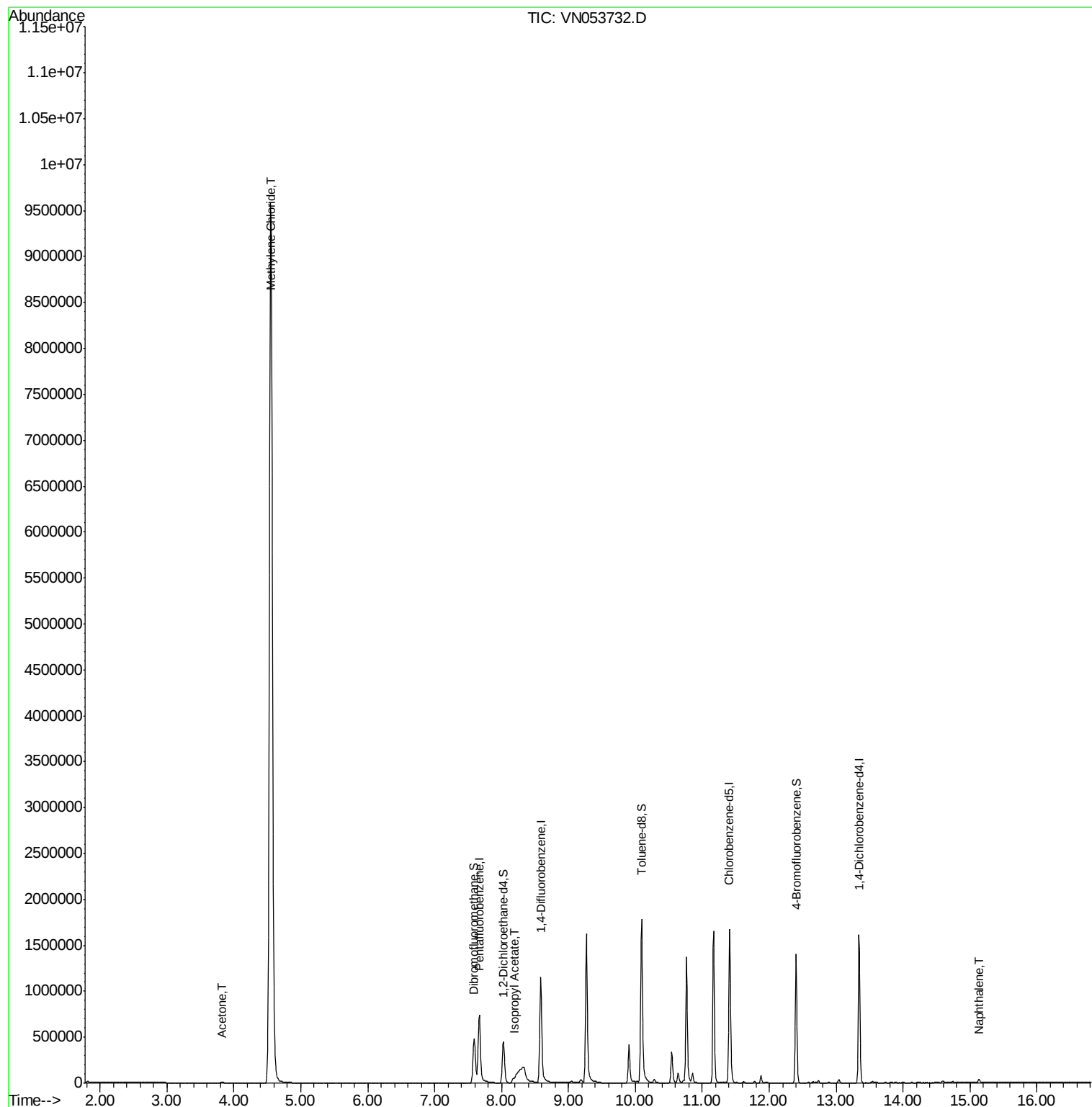
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	726529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1213012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1129815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	468842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387747	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.59	113	377762	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.09	98	1472609	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	496300	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
Target Compounds						
16) Acetone	3.82	43	19597	10.482	ug/l	96
20) Methylene Chloride	4.55	84	7791703	993.412	ug/l	99
43) Isopropyl Acetate	8.18	43	46521	3.944	ug/l #	77
95) Naphthalene	15.13	128	33922	3.326	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

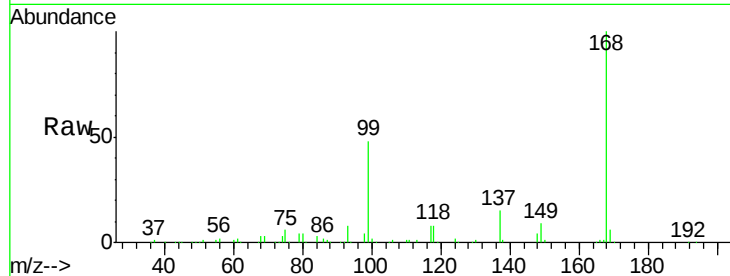
Instrument :
MSVOA_N
ClientSampled :
M-10-S

Tot Ion:168 Resp: 726529

Ion Ratio Lower Upper

168 100

99 47.8 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

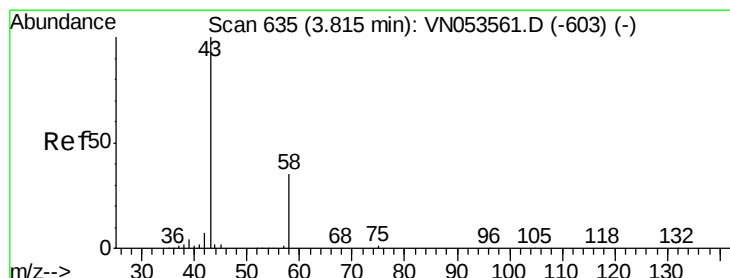
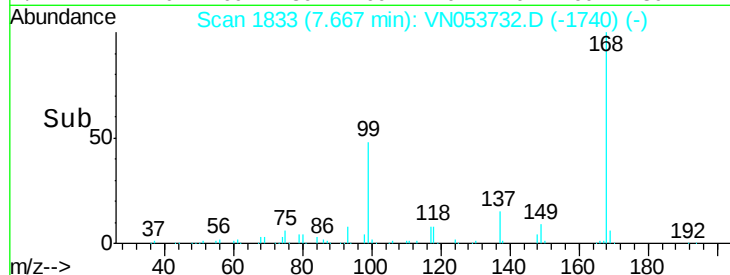
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.482 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053732.D

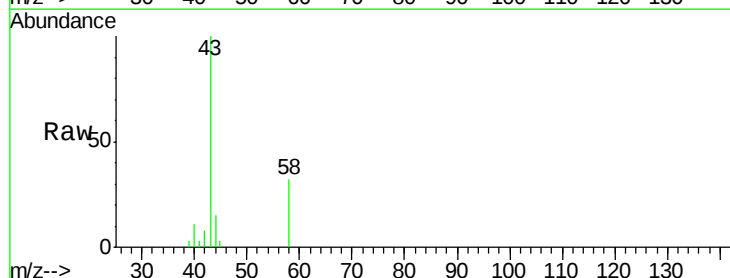
Acq: 12 Feb 2019 16:00

Tgt Ion: 43 Resp: 19597

Ion Ratio Lower Upper

43 100

58 31.7 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

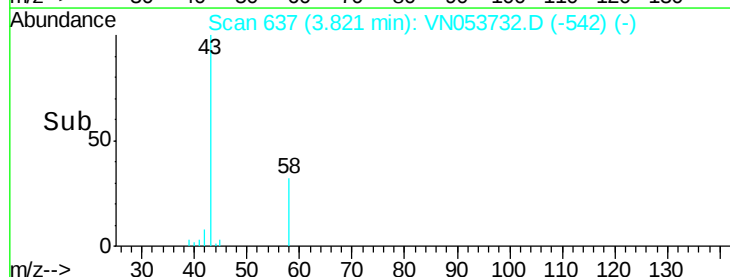
6000

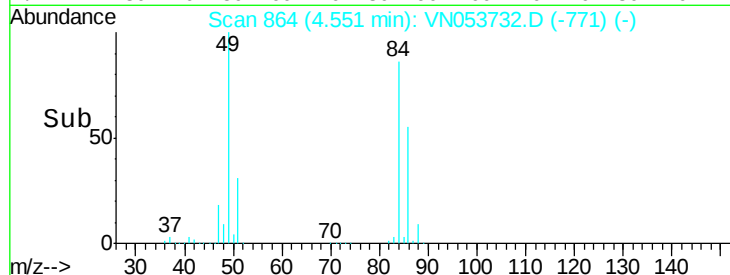
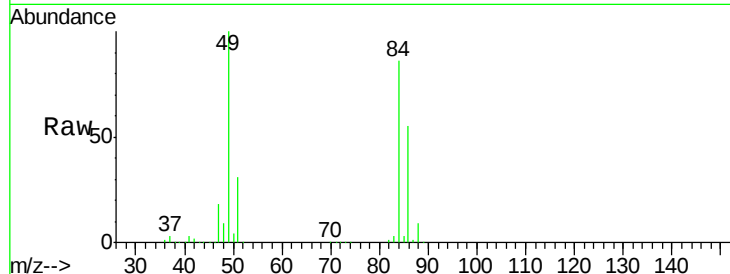
4000

2000

0

Time-->



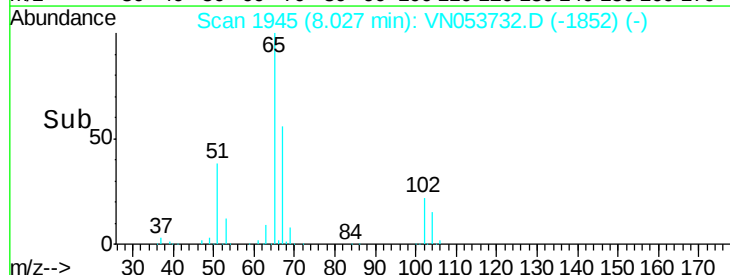
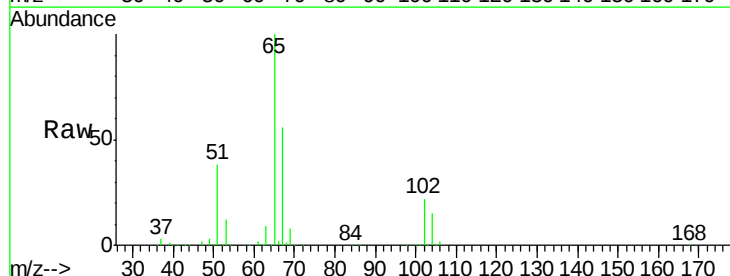
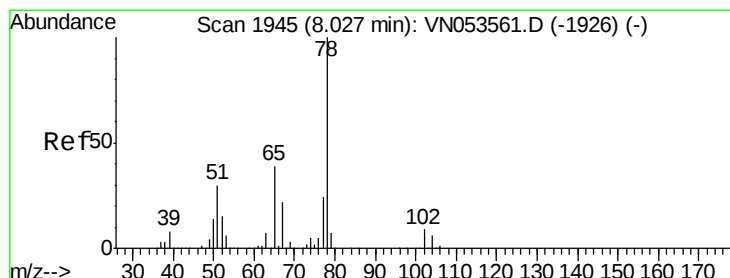
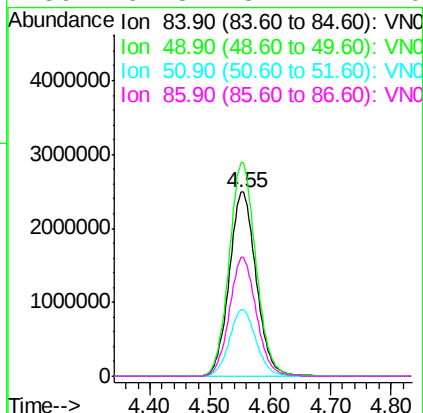


#20
Methylene Chloride
Concen: 993.412 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053732.D
Acq: 12 Feb 2019 16:00

Instrument :
MSVOA_N
ClientSampled :
M-10-S

Tot Ion: 84 Resp: 7791703

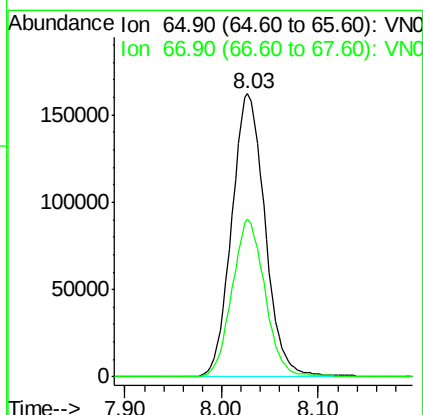
Ion	Ratio	Lower	Upper
84	100		
49	116.0	94.3	141.5
51	36.2	29.4	44.2
86	64.3	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.200 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053732.D
Acq: 12 Feb 2019 16:00

Tgt Ion: 65 Resp: 387747

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2

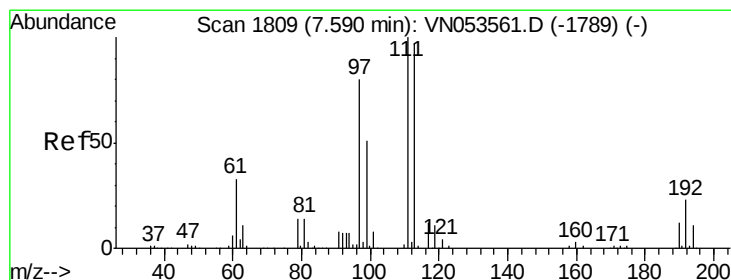
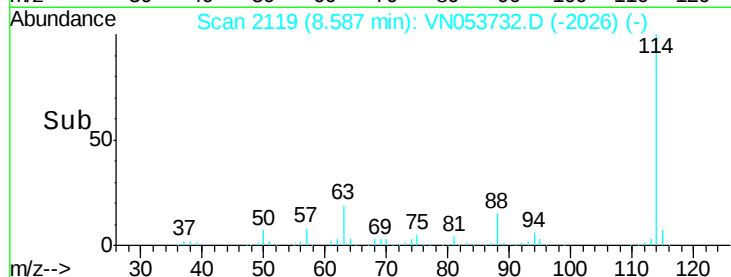
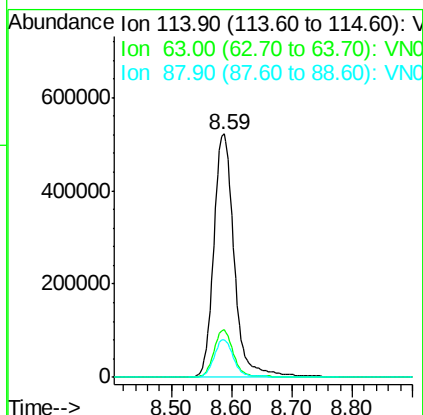
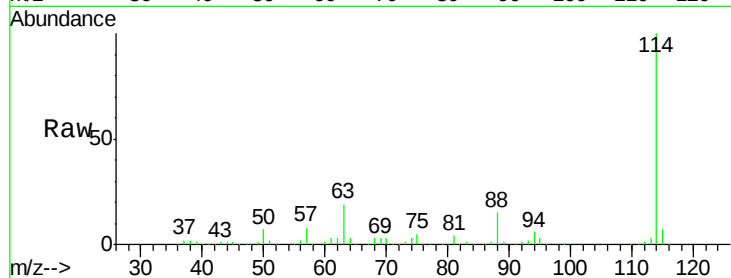




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053732.D
Acq: 12 Feb 2019 16:00

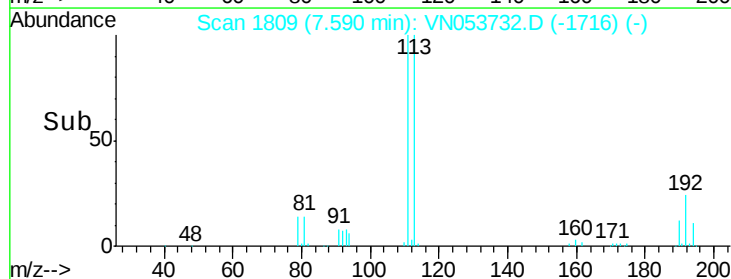
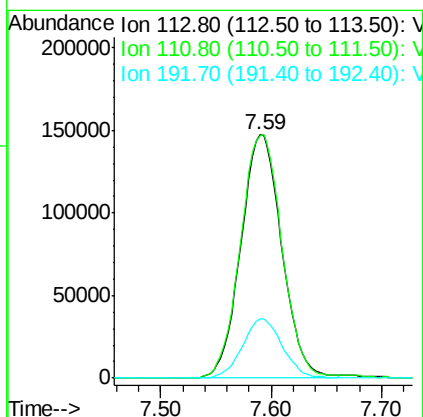
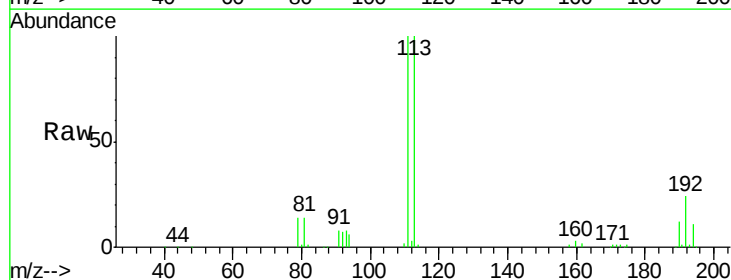
Instrument :
MSVOA_N
ClientSampleId :
M-10-S

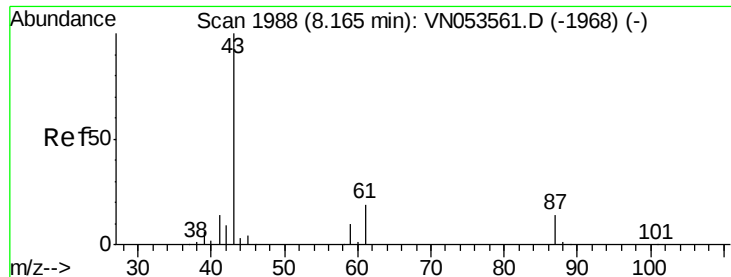
Tot Ion:114 Resp: 1213012
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053732.D
Acq: 12 Feb 2019 16:00

Tgt Ion:113 Resp: 377762
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 24.0 18.2 27.2





#43

Isopropyl Acetate

Concen: 3.944 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

M-10-S

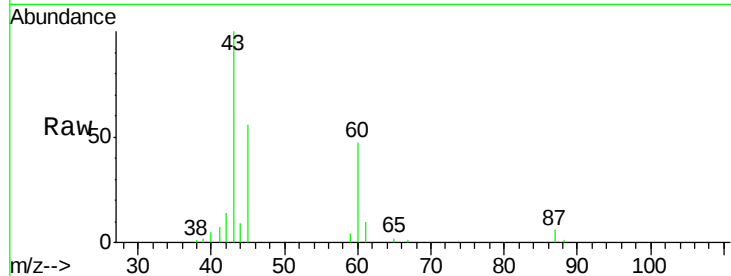
Tot Ion: 43 Resp: 46521

Ion Ratio Lower Upper

43 100

61 14.9 23.9 35.9#

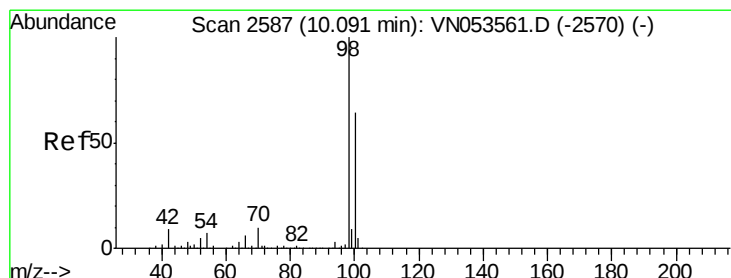
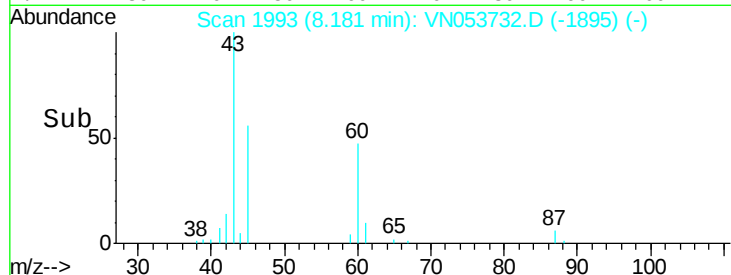
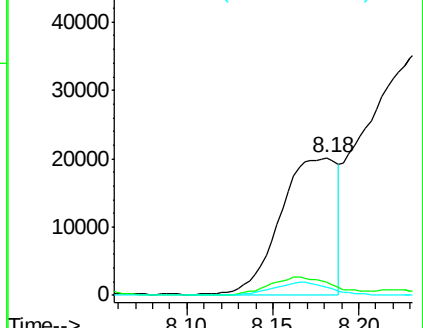
87 9.1 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053732.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053732.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053732.D (-1895) (-)



#50

Toluene-d8

Concen: 51.169 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053732.D

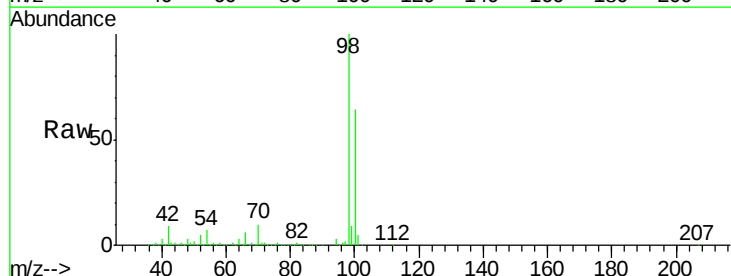
Acq: 12 Feb 2019 16:00

Tgt Ion: 98 Resp: 1472609

Ion Ratio Lower Upper

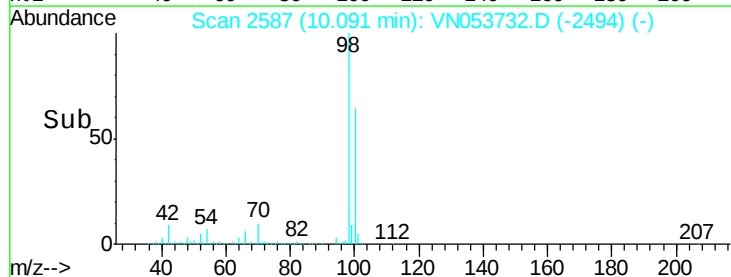
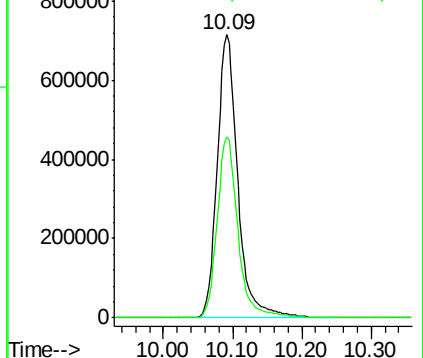
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053732.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053732.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 51.707 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

M-10-S

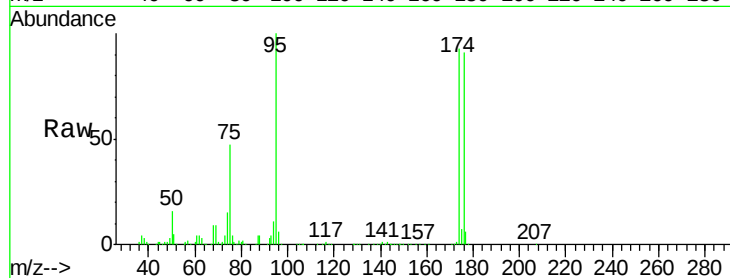
Tot Ion: 95 Resp: 496300

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

176 90.2 0.0 177.4

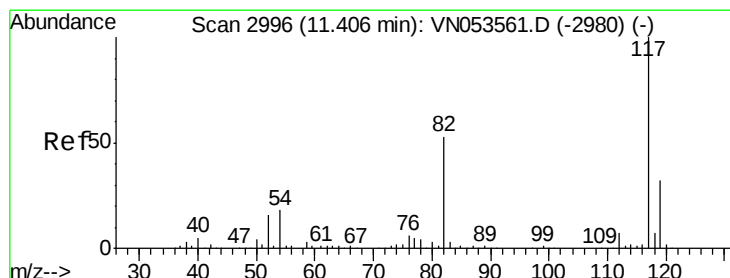
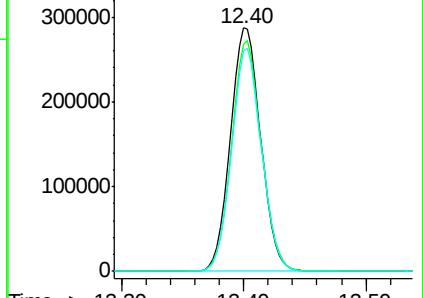
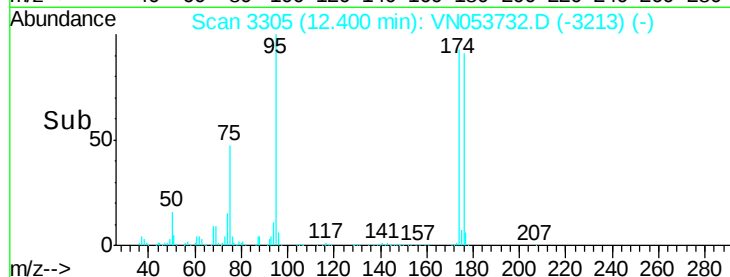


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

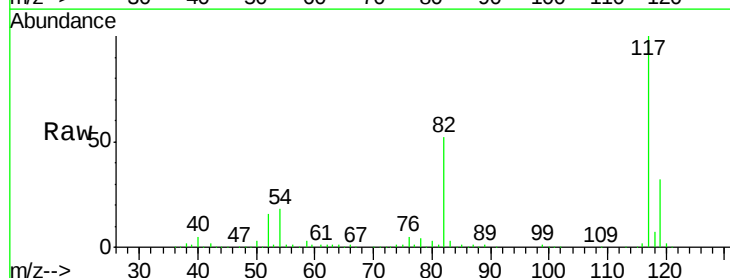
Tgt Ion: 117 Resp: 1129815

Ion Ratio Lower Upper

117 100

82 51.9 42.9 64.3

119 31.9 26.0 39.0

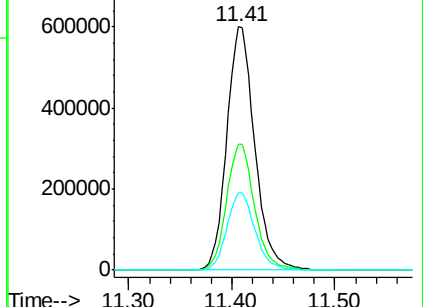
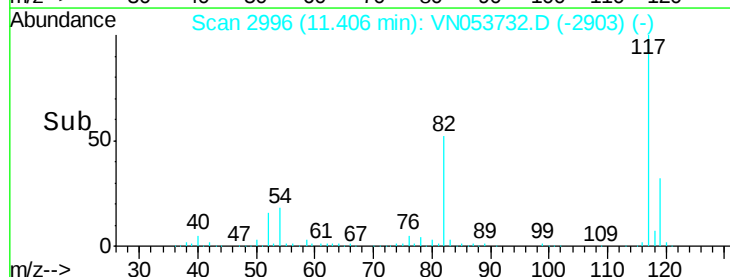


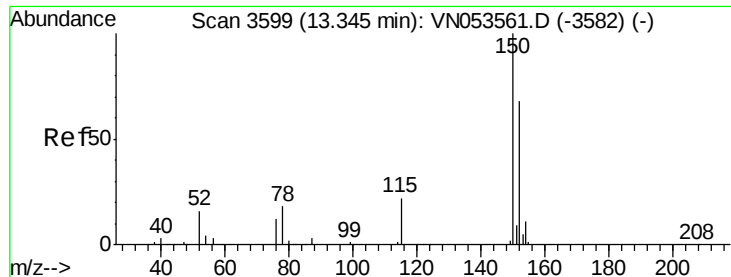
Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

M-10-S

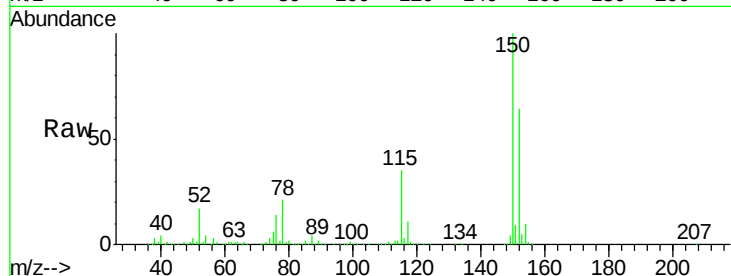
Tot Ion:152 Resp: 468842

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

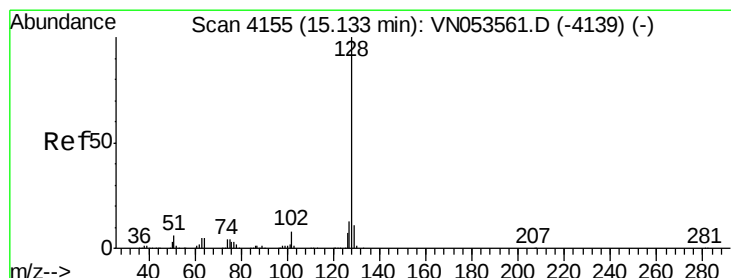
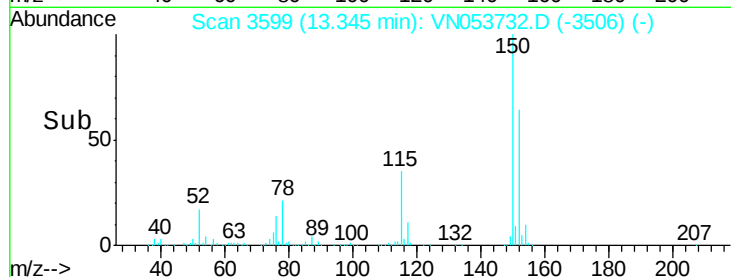
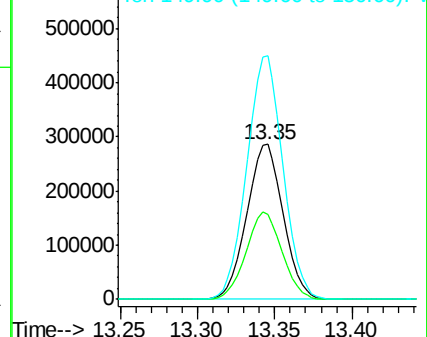
150 156.0 0.0 349.0



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: 3.326 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053732.D

Acq: 12 Feb 2019 16:00

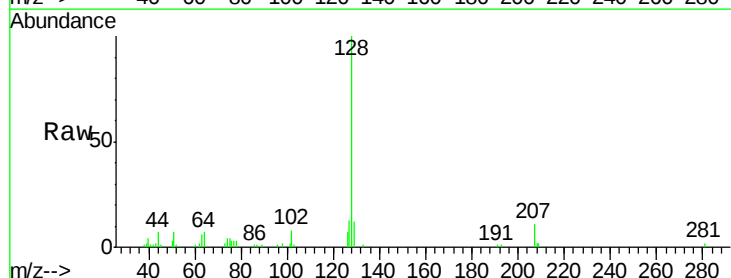
Tgt Ion:128 Resp: 33922

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 11.2 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

