

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056748.D
 Acq On : 16 Jul 2019 6:00
 Operator : JC/SP
 Sample : K3620-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-071219-E

Quant Time: Jul 16 06:46:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

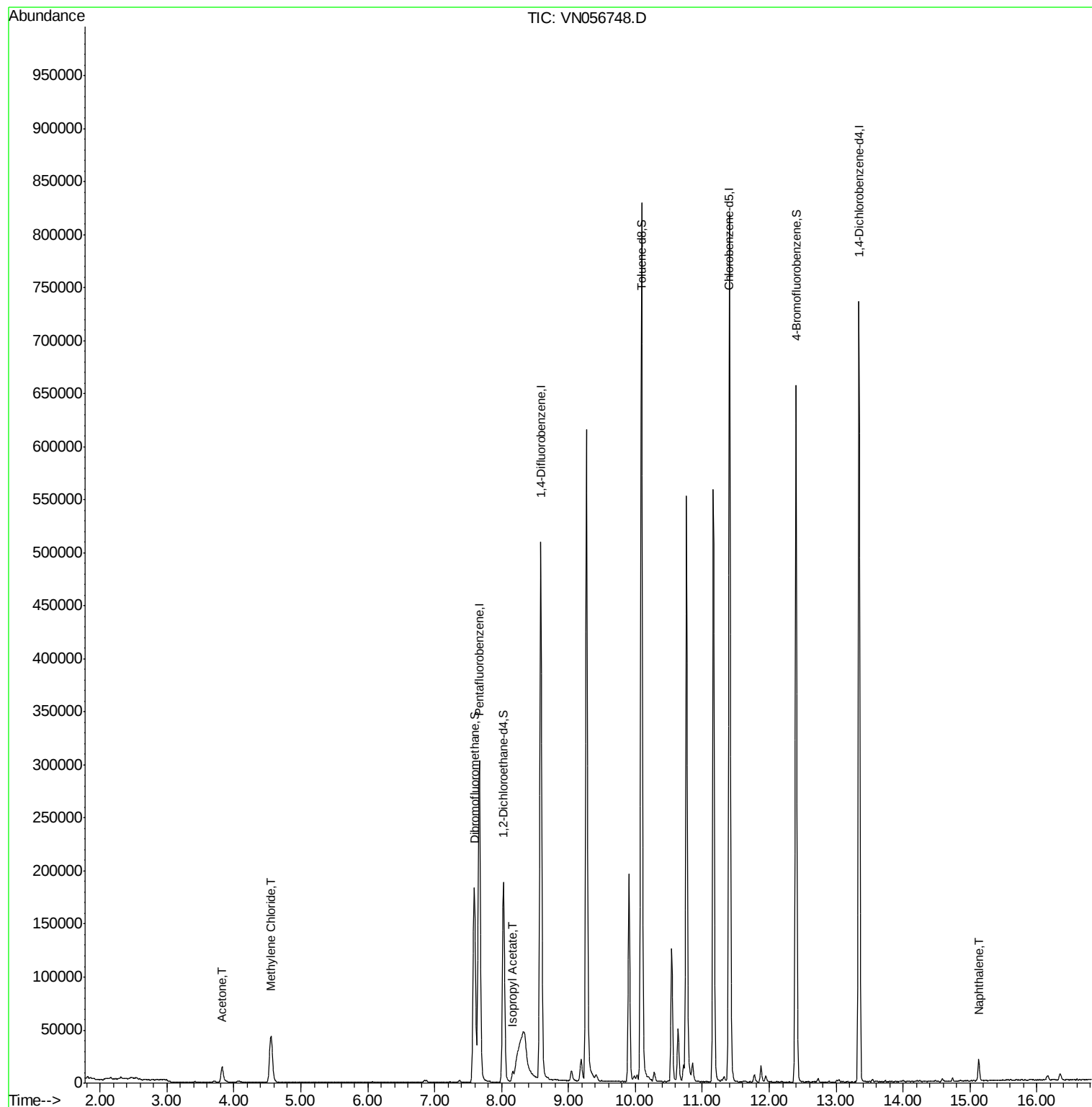
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	271581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	488405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159753	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	7.59	113	146546	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	10.09	98	619124	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	235563	59.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.00%	
Target Compounds						
16) Acetone	3.82	43	25020	18.074	ug/l	96
20) Methylene Chloride	4.56	84	36546	12.080	ug/l	98
43) Isopropyl Acetate	8.17	43	11322	1.617	ug/l #	90
95) Naphthalene	15.13	128	18509	6.006	ug/l	98

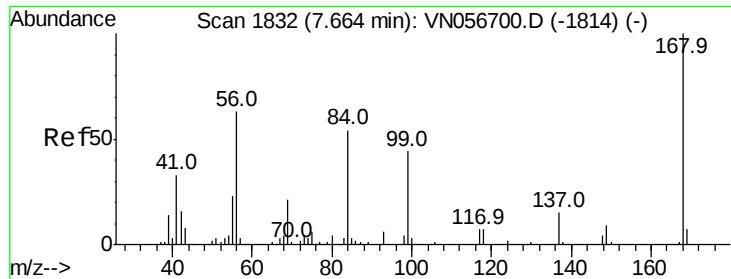
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 01:25:25 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: VN056748.D

Acq: 16 Jul 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

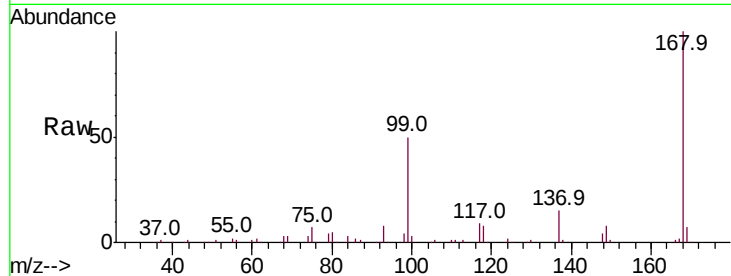
CL-01-071219-E

Tot Ion:168 Resp: 271581

Ion Ratio Lower Upper

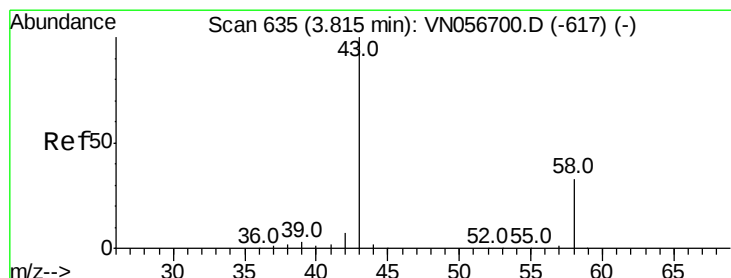
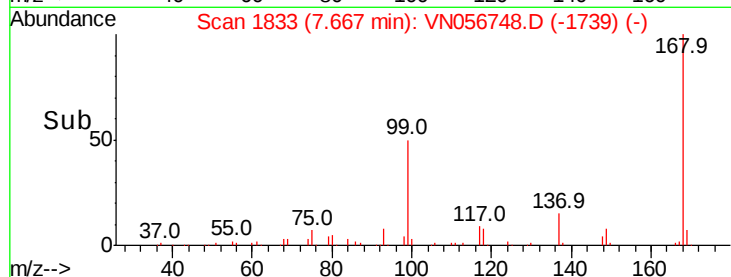
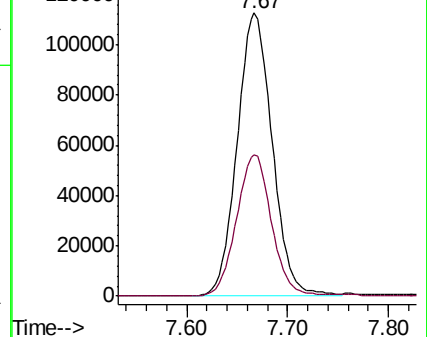
168 100

99 50.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056748.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056748.D (-1739) (-)



#16

Acetone

Concen: 18.074 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056748.D

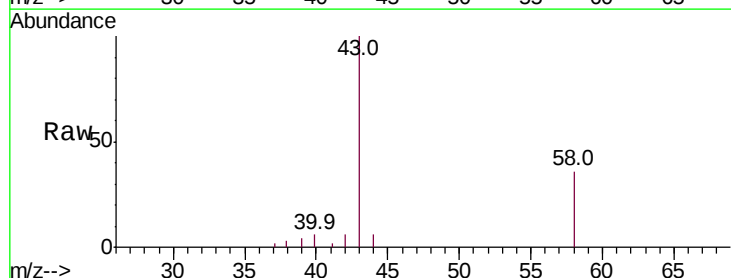
Acq: 16 Jul 2019 6:00

Tgt Ion: 43 Resp: 25020

Ion Ratio Lower Upper

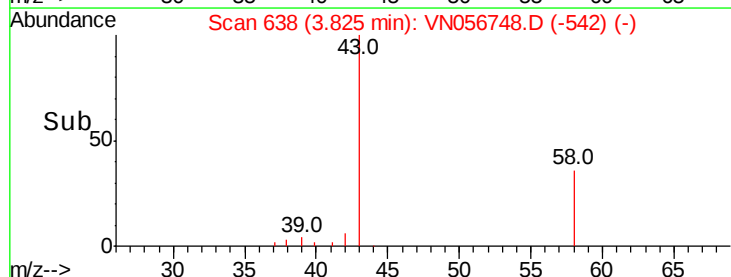
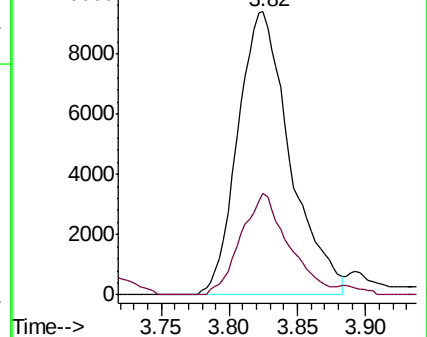
43 100

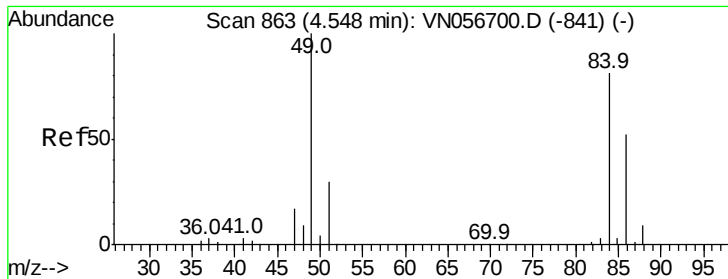
58 35.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056748.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056748.D (-542) (-)

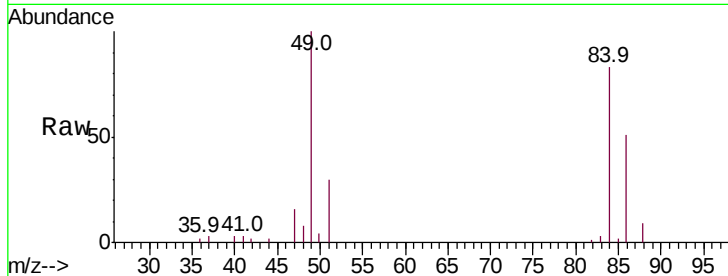




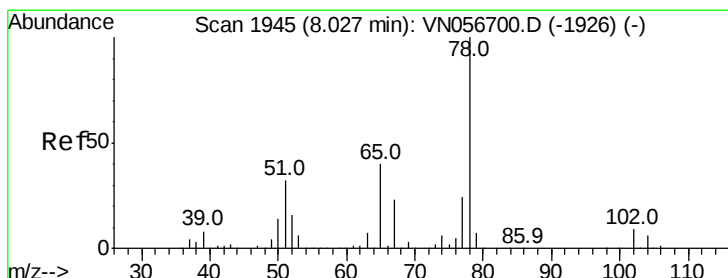
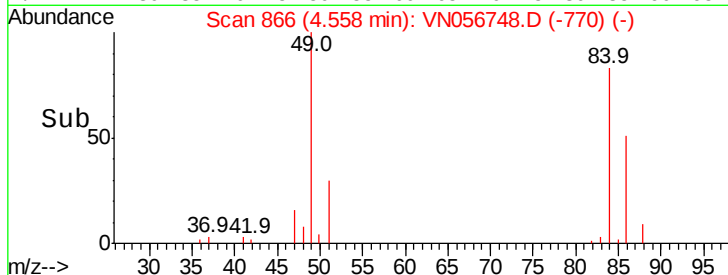
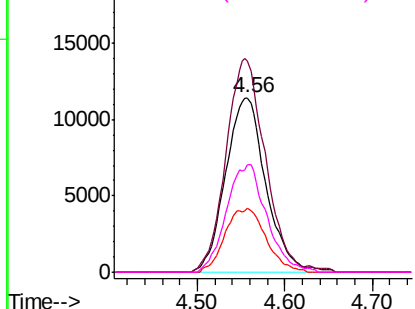
#20
Methvlene Chloride
Concen: 12.080 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056748.D
Acq: 16 Jul 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
CL-01-071219-E

Tot Ion: 84 Resp: 36546
Ion Ratio Lower Upper
84 100
49 121.0 98.2 147.4
51 36.4 29.6 44.4
86 61.5 51.0 76.4

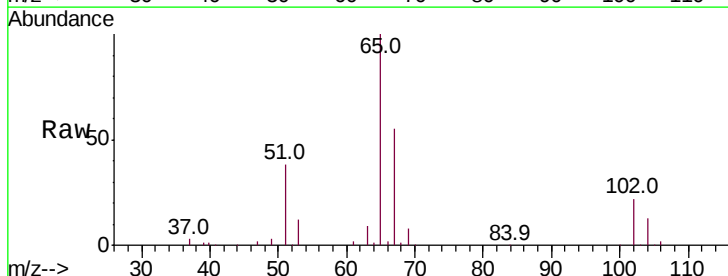


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

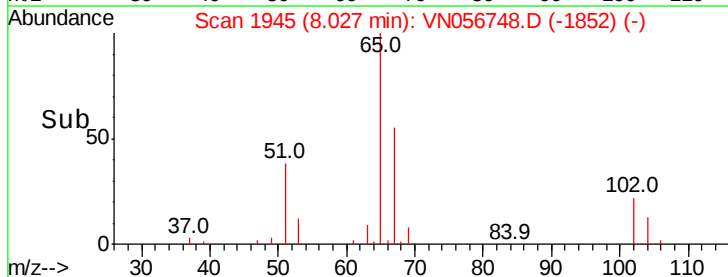
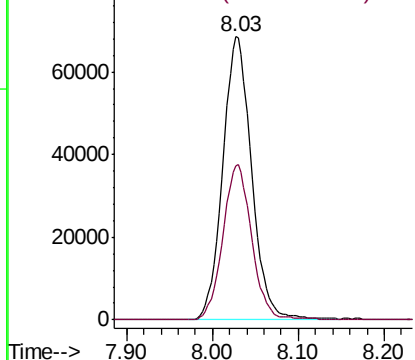


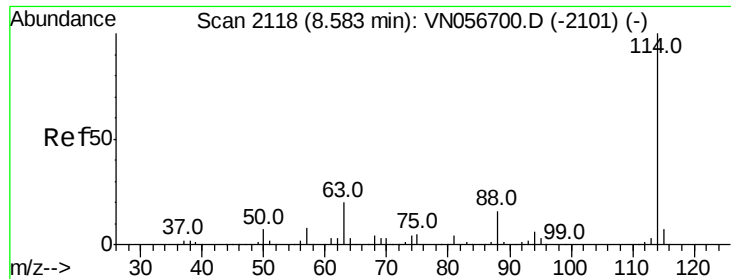
#33
1,2-Dichloroethane-d4
Concen: 53.179 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056748.D
Acq: 16 Jul 2019 6:00

Tgt Ion: 65 Resp: 159753
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0



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

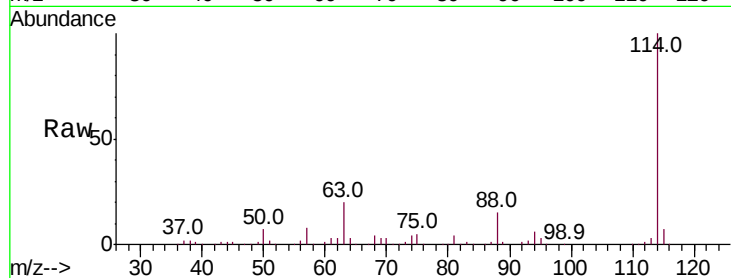




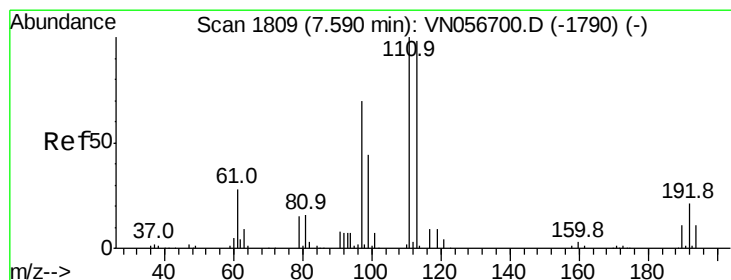
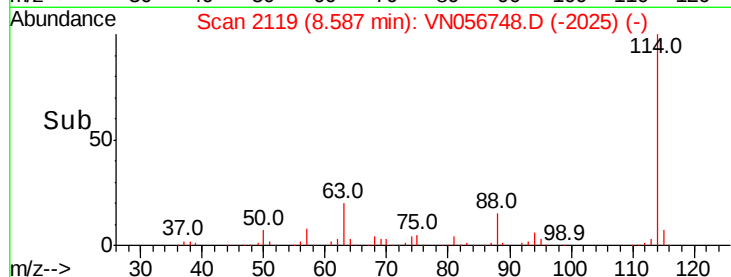
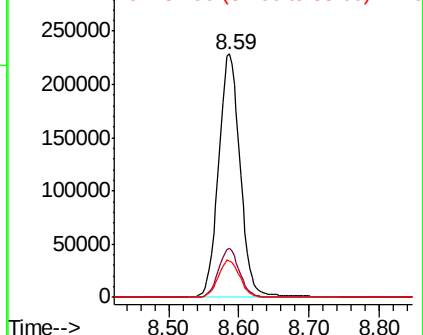
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056748.D
 Acq: 16 Jul 2019 6:00

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-071219-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	15.1	0.0	31.2

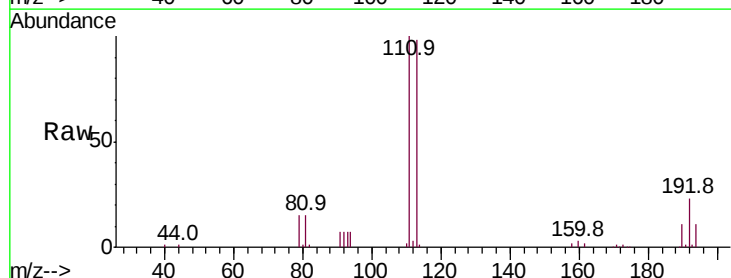


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

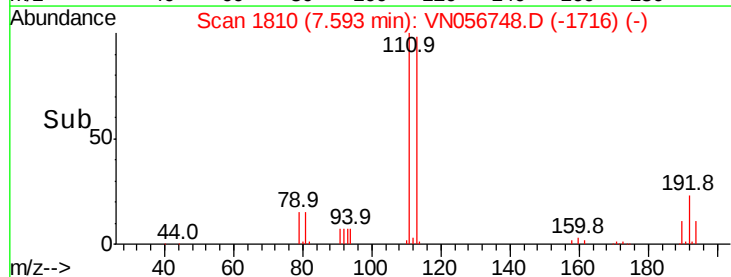
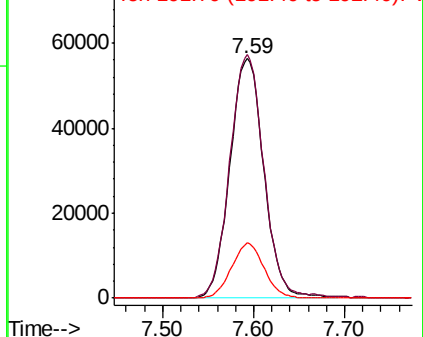


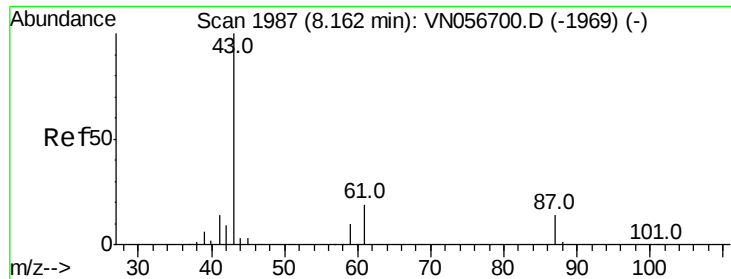
#35
 Dibromofluoromethane
 Concen: 48.215 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056748.D
 Acq: 16 Jul 2019 6:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	22.1	17.5	26.3



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: 1.617 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056748.D

Acq: 16 Jul 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

CL-01-071219-E

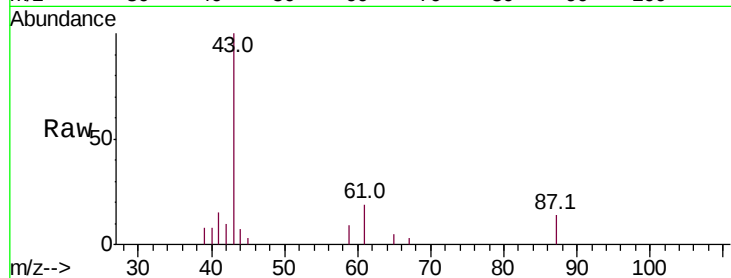
Tot Ion: 43 Resp: 11322

Ion Ratio Lower Upper

43 100

61 21.4 22.3 33.5#

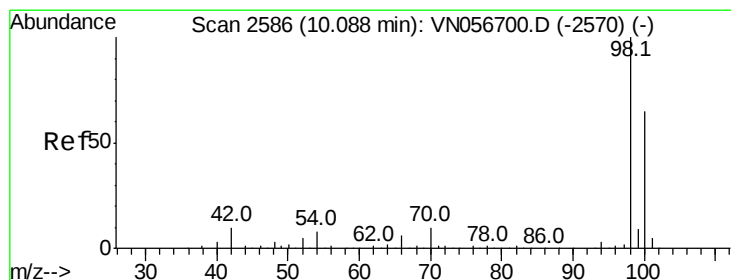
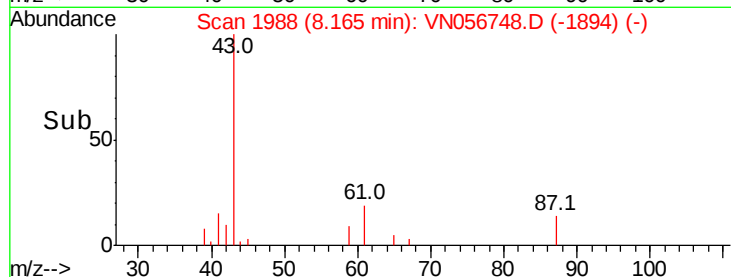
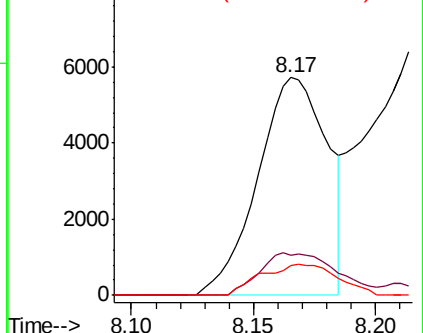
87 15.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.741 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056748.D

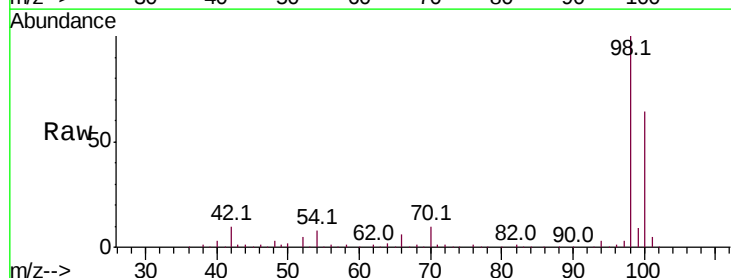
Acq: 16 Jul 2019 6:00

Tgt Ion: 98 Resp: 619124

Ion Ratio Lower Upper

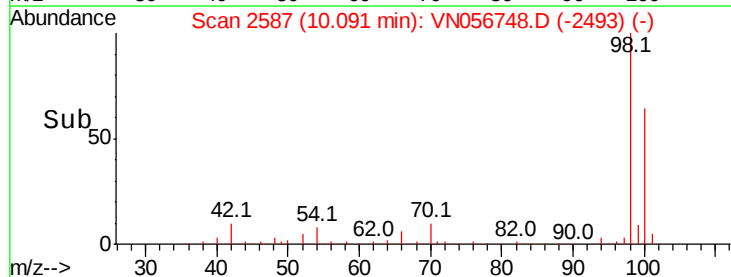
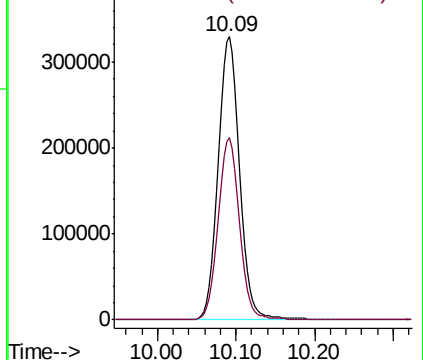
98 100

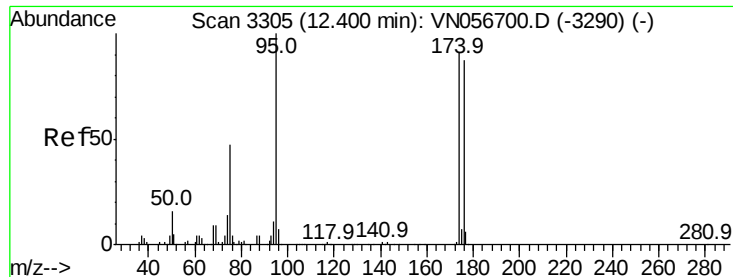
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.504 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056748.D

Acq: 16 Jul 2019 6:00

Instrument :

MSVOA_N

ClientSampled :

CL-01-071219-E

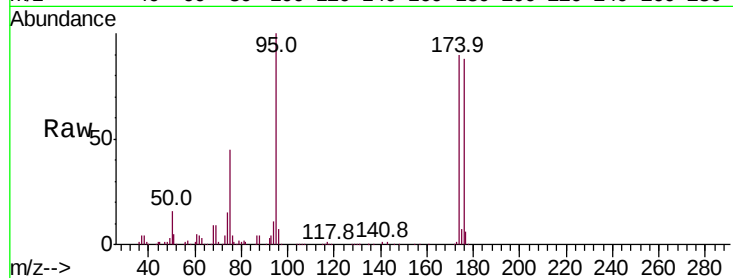
Tot Ion: 95 Resp: 235563

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

176 87.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

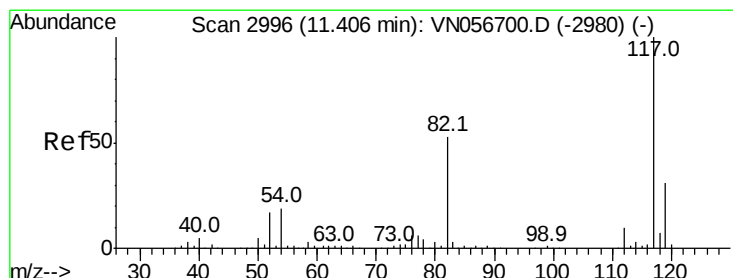
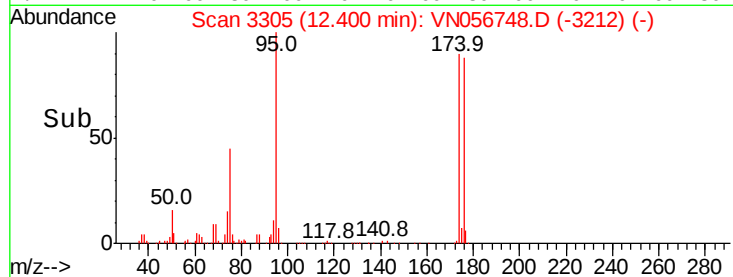
150000

100000

50000

0

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: VN056748.D

Acq: 16 Jul 2019 6:00

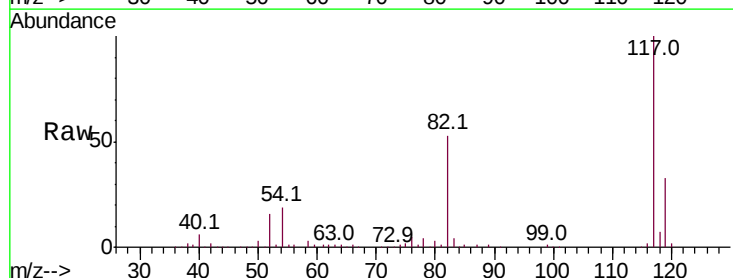
Tgt Ion: 117 Resp: 518908

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.2

119 32.7 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN056700.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN056700.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN056700.D (-2980) (-)

11.41

400000

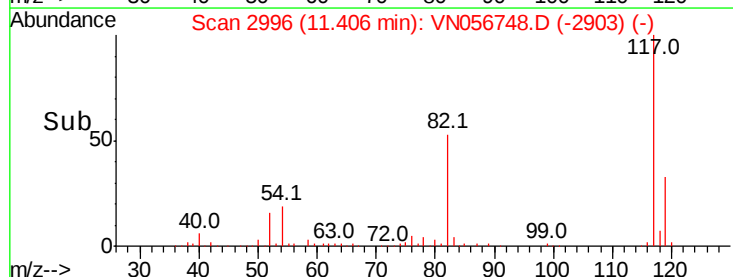
300000

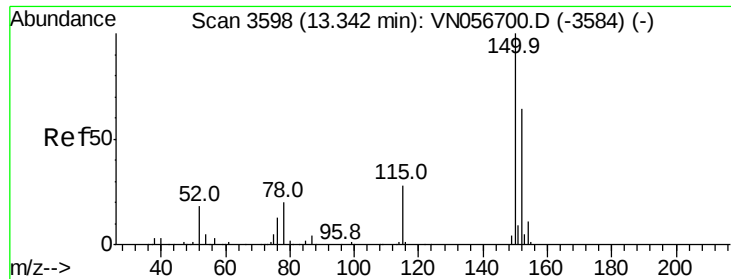
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056748.D

Acq: 16 Jul 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

CL-01-071219-E

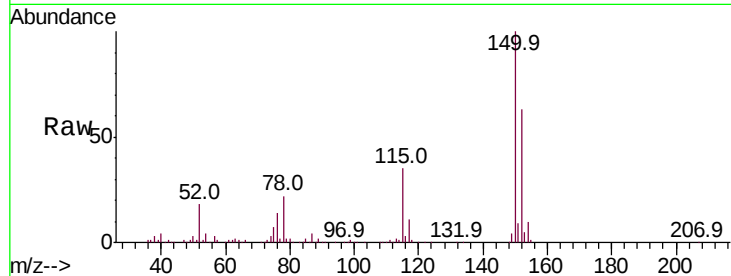
Tot Ion:152 Resp: 212293

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

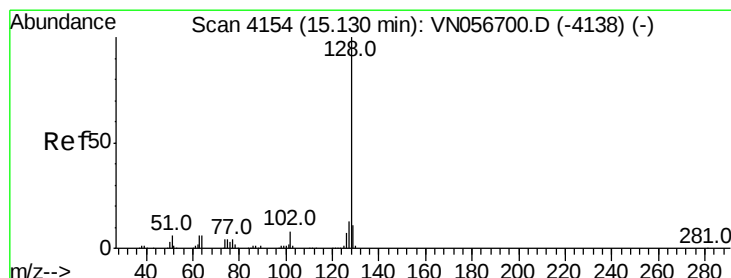
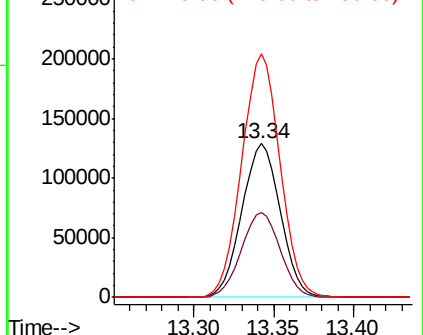
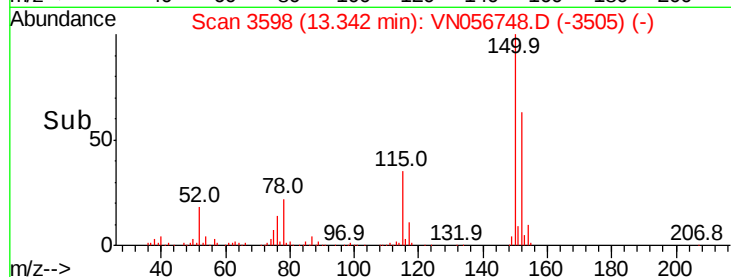
150 157.8 0.0 345.8



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: 6.006 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056748.D

Acq: 16 Jul 2019 6:00

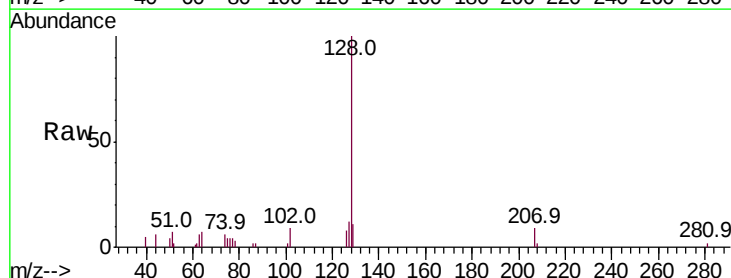
Tgt Ion:128 Resp: 18509

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.1 8.7 13.1



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

