

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056743.D
 Acq On : 16 Jul 2019 4:03
 Operator : JC/SP
 Sample : K3618-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-071119

Quant Time: Jul 16 06:33:51 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

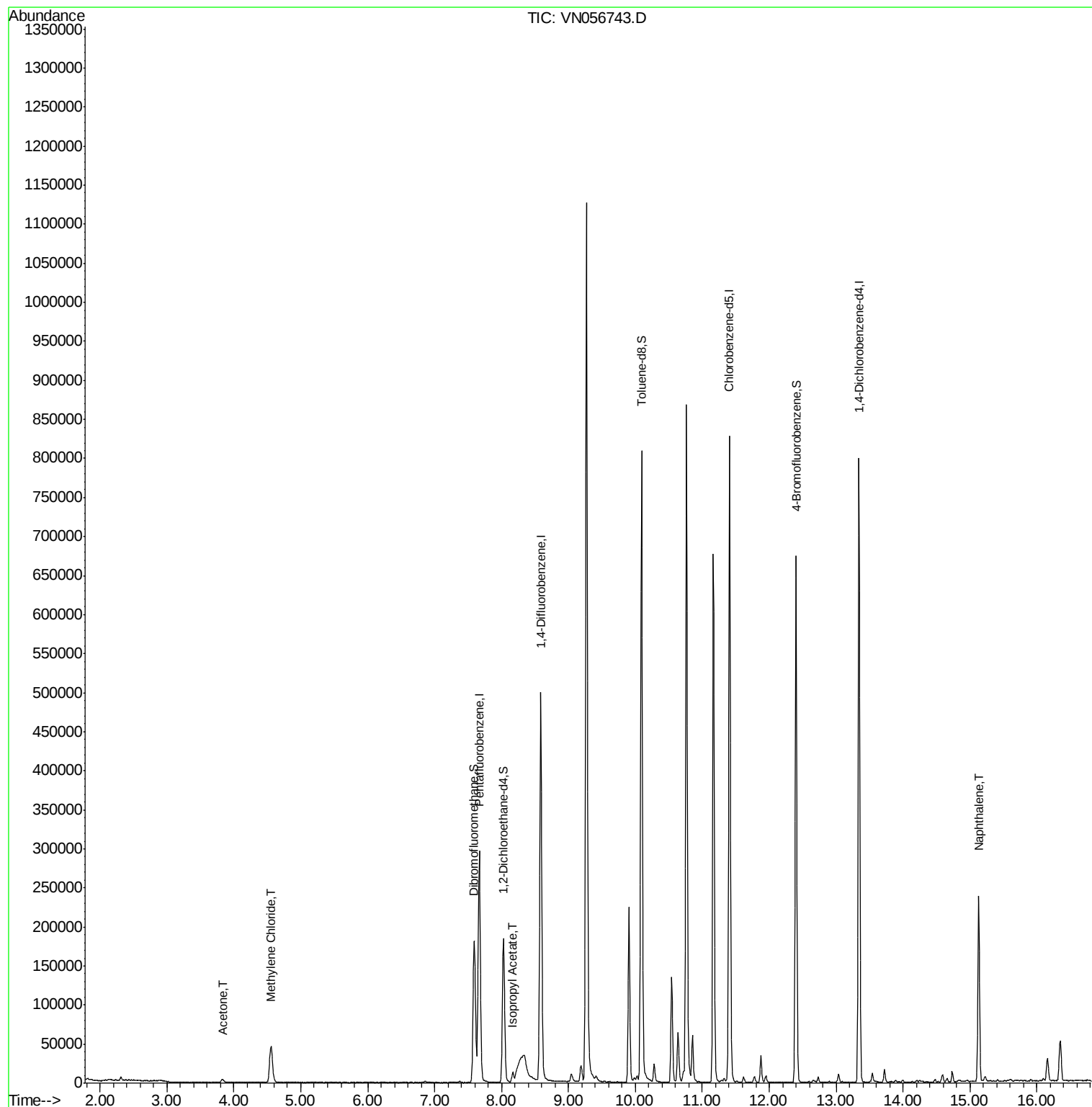
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	264229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	477697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156031	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	145258	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	605979	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	238649	61.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.26%	
Target Compounds						
16) Acetone	3.82	43	8660	6.430	ug/l	100
20) Methylene Chloride	4.56	84	38085	12.939	ug/l	92
43) Isopropyl Acetate	8.17	43	15141	2.211	ug/l	93
95) Naphthalene	15.13	128	214368	20.378	ug/l	100

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

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Quant Title : SW846 8260
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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: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

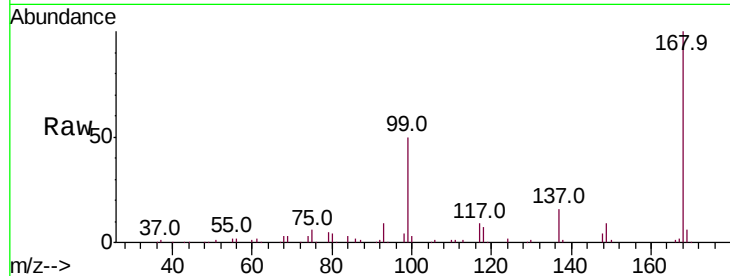
HD-02-071119

Tot Ion:168 Resp: 264229

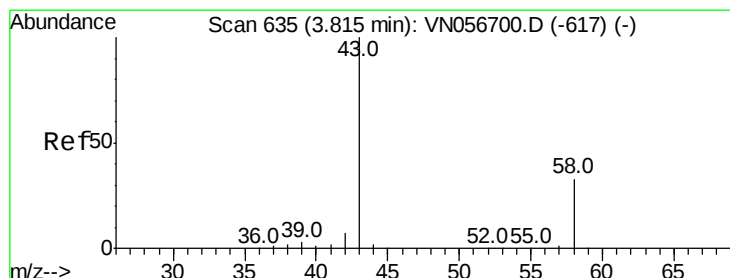
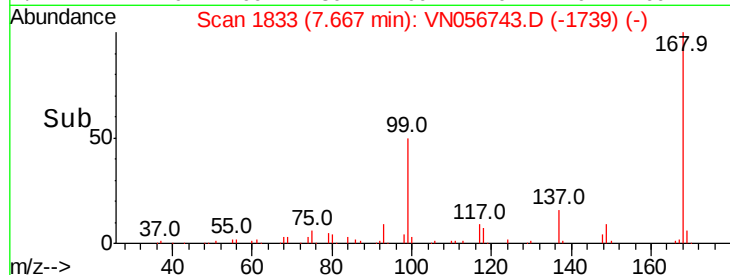
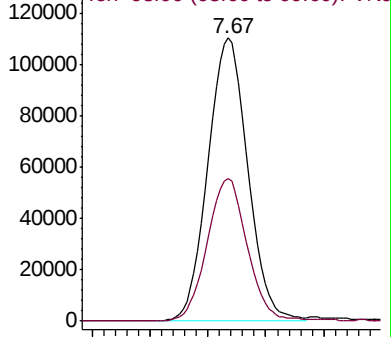
Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056743.D (-1739) (-)



#16

Acetone

Concen: 6.430 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056743.D

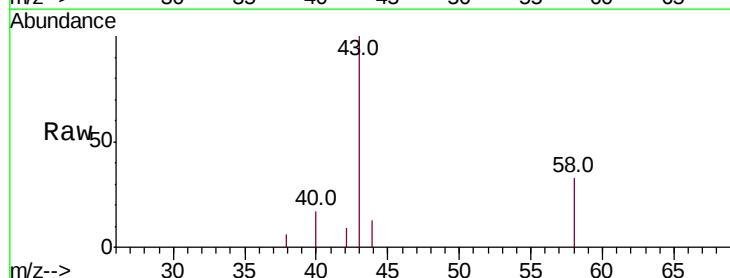
Acq: 16 Jul 2019 4:03

Tgt Ion: 43 Resp: 8660

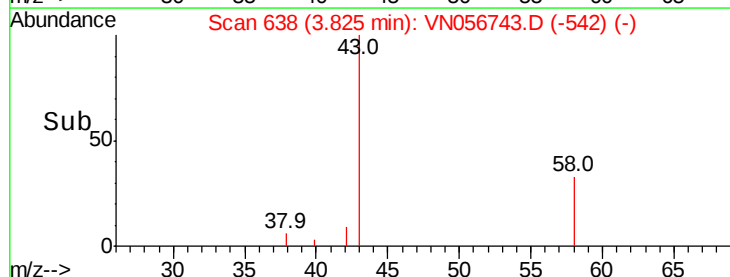
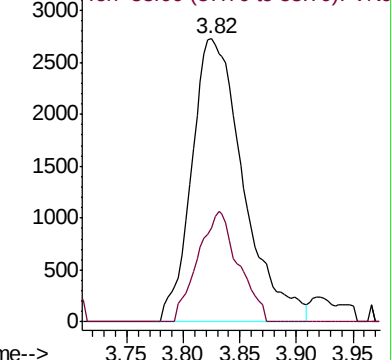
Ion Ratio Lower Upper

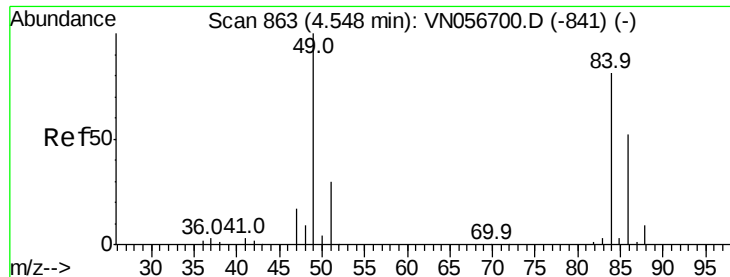
43 100

58 33.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056743.D (-542) (-)

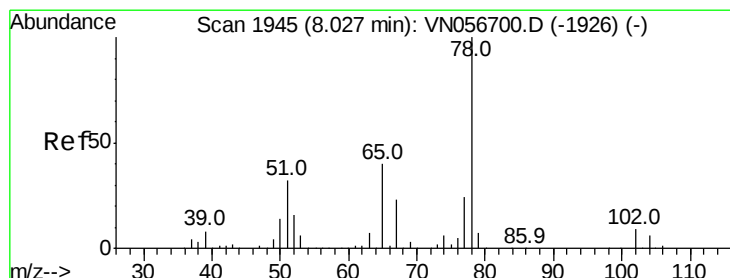
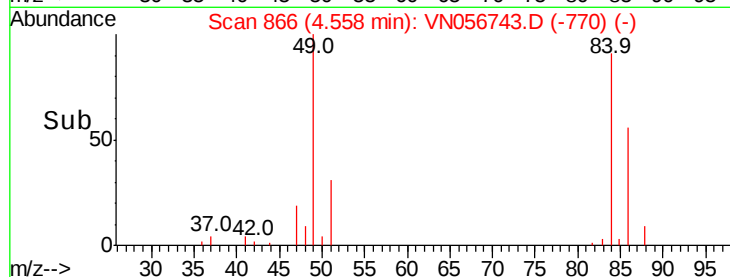
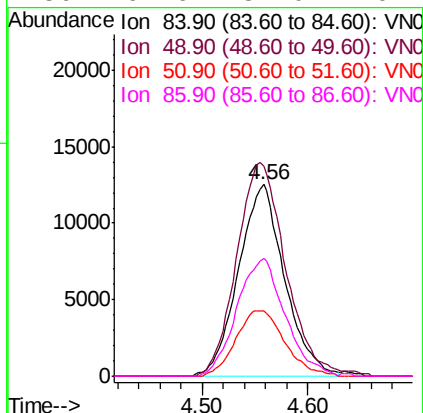
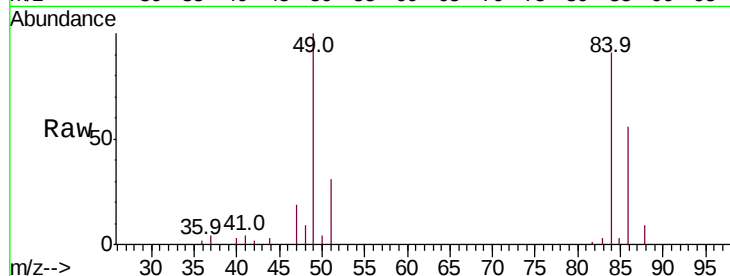




#20
Methvlene Chloride
Concen: 12.939 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

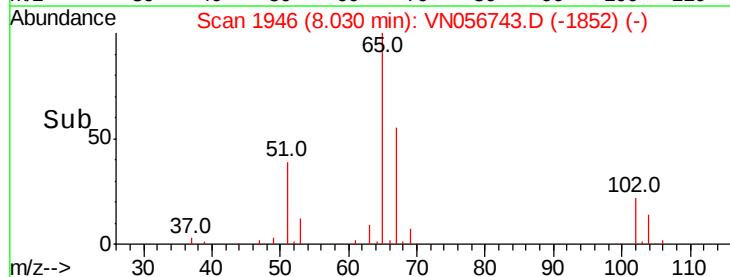
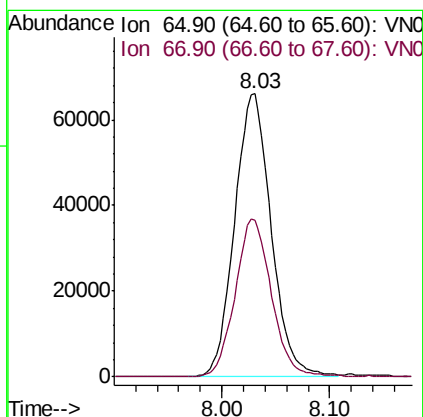
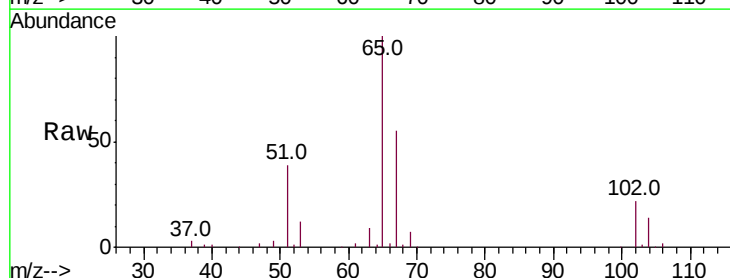
Instrument :
MSVOA_N
ClientSampleId :
HD-02-071119

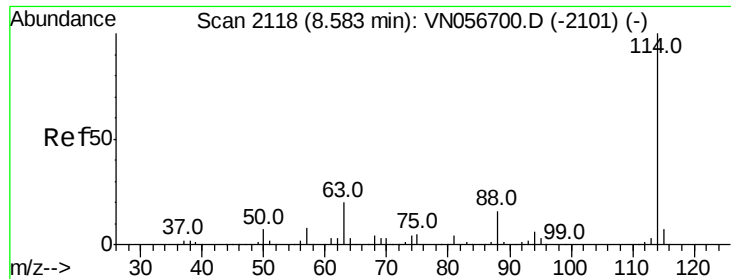
Tot Ion: 84 Resp: 38085
Ion Ratio Lower Upper
84 100
49 109.7 98.2 147.4
51 34.1 29.6 44.4
86 61.6 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 65 Resp: 156031
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0

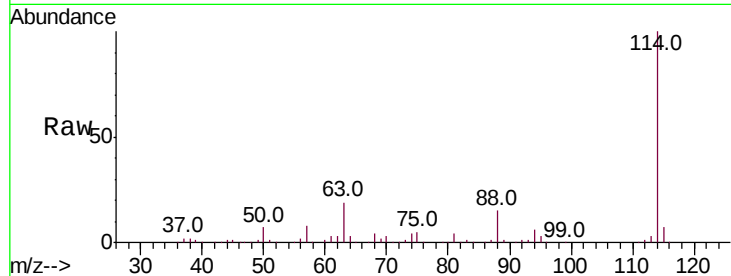




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056743.D
 Acq: 16 Jul 2019 4:03

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-071119

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.0	0.0	31.2

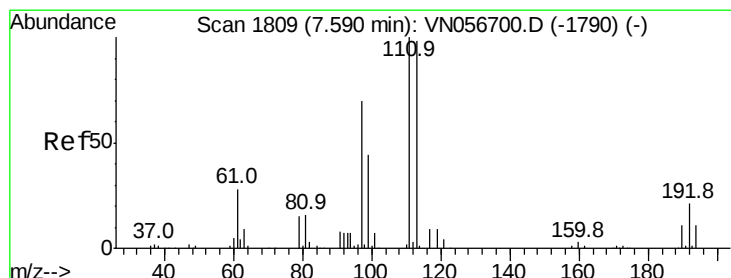
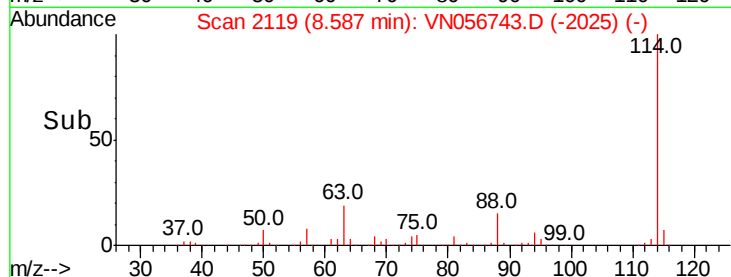
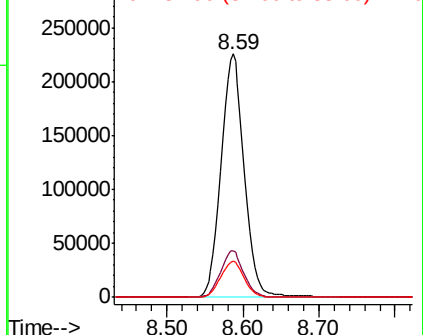


Abundance

Ion 113.90 (113.60 to 114.60): V

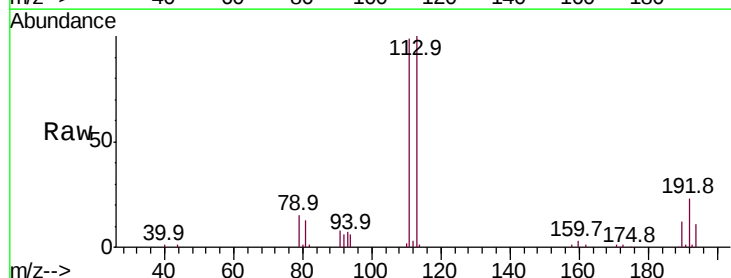
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.862 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056743.D
 Acq: 16 Jul 2019 4:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.6
192	22.3	17.5	26.3

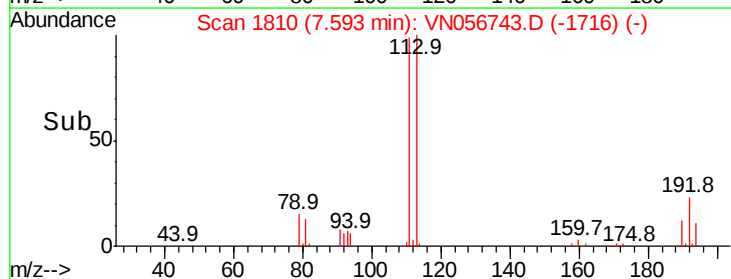
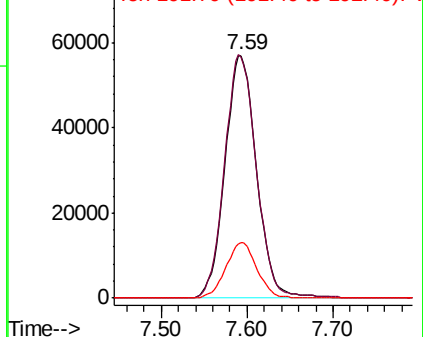


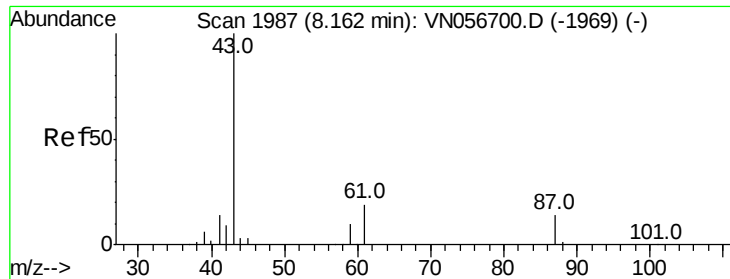
Abundance

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: 2.211 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

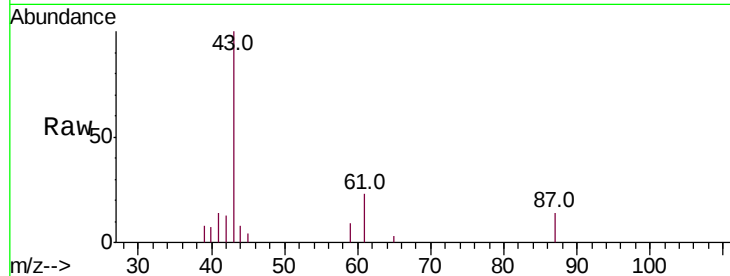
Tot Ion: 43 Resp: 15141

Ion Ratio Lower Upper

43 100

61 23.0 22.3 33.5

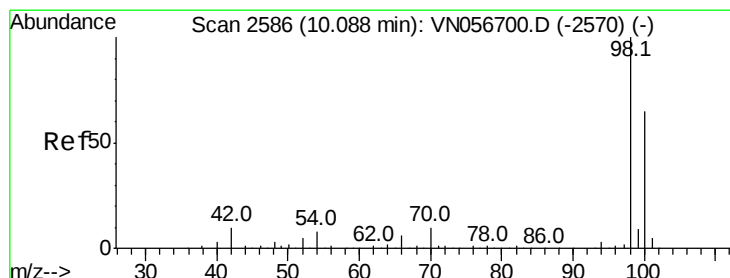
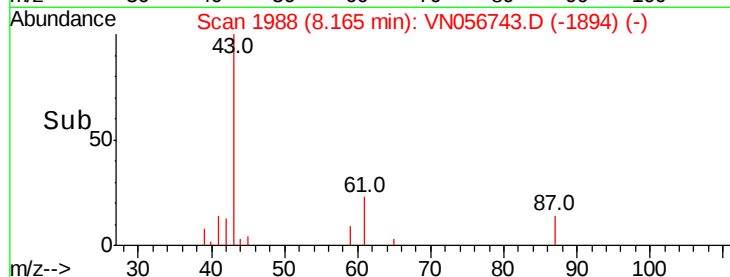
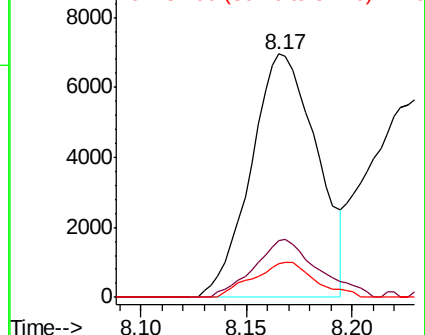
87 13.5 11.1 16.7



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: 52.778 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056743.D

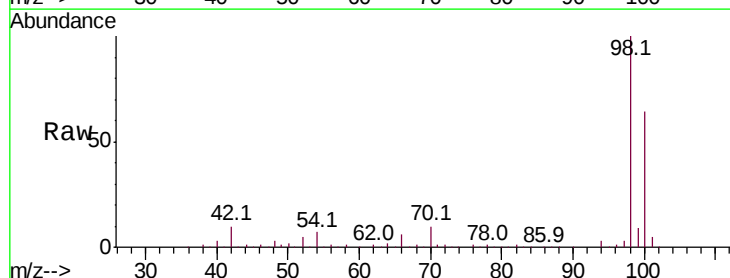
Acq: 16 Jul 2019 4:03

Tgt Ion: 98 Resp: 605979

Ion Ratio Lower Upper

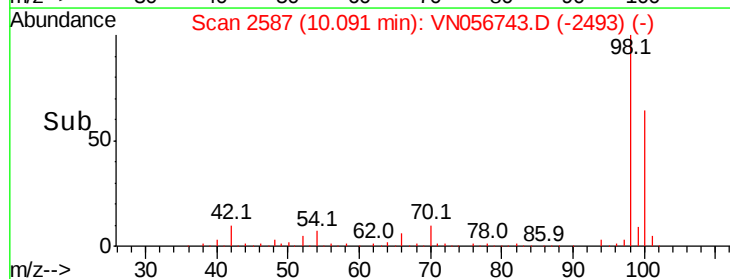
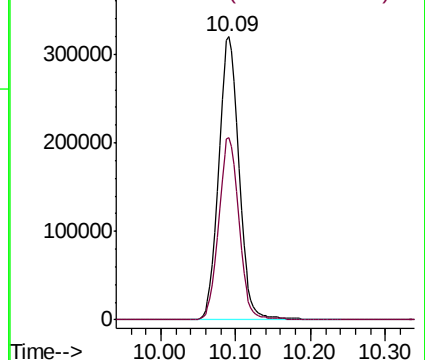
98 100

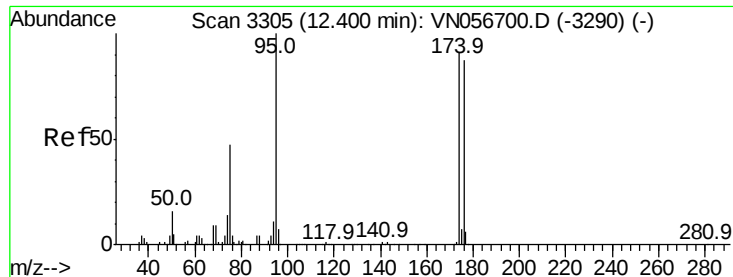
100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 61.634 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

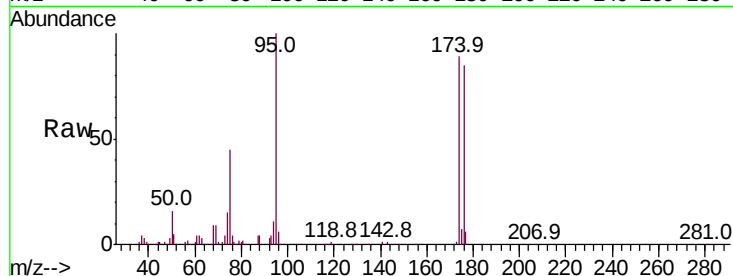
Tot Ion: 95 Resp: 238649

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.0

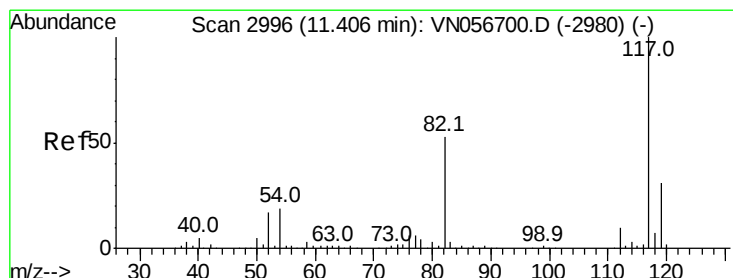
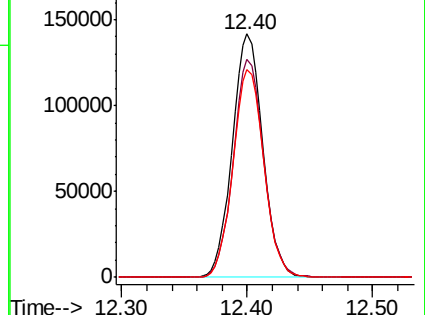
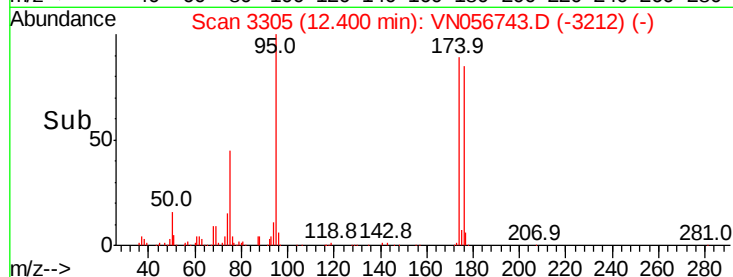
176 86.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056743.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056743.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056743.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

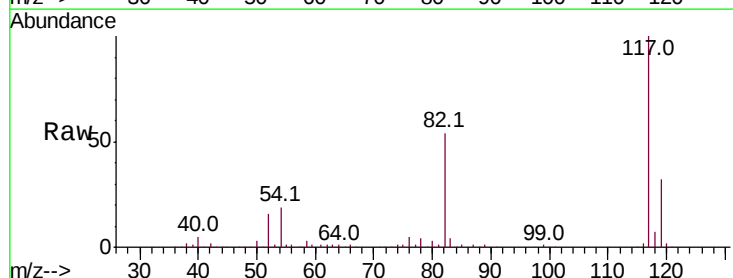
Tgt Ion: 117 Resp: 516612

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.2

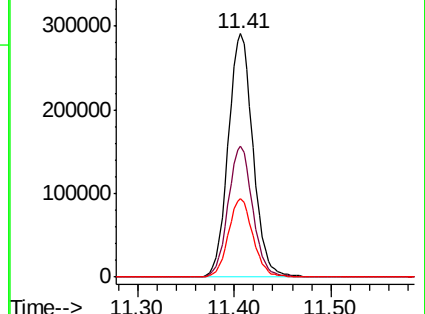
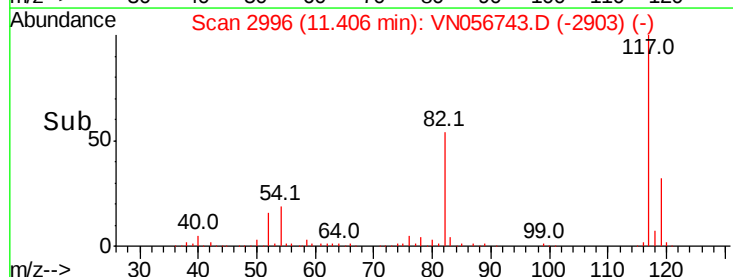
119 32.4 25.2 37.8

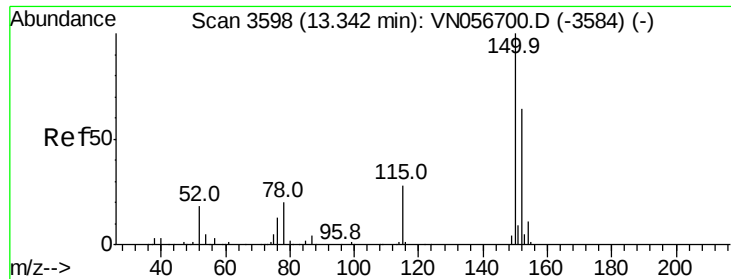


Abundance Ion 116.90 (116.60 to 117.60): VN056743.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056743.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056743.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

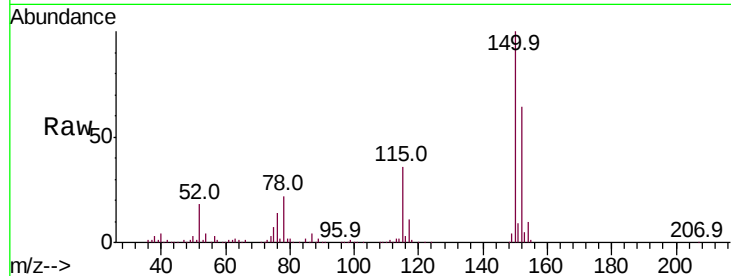
Tot Ion:152 Resp: 229547

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

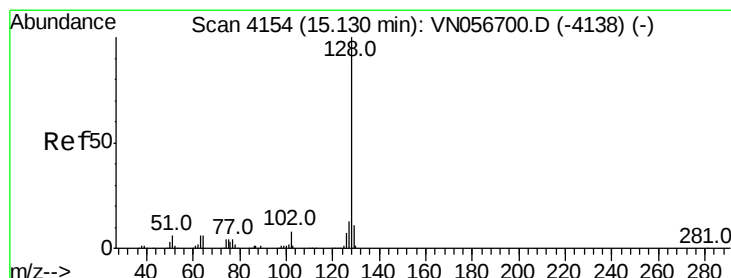
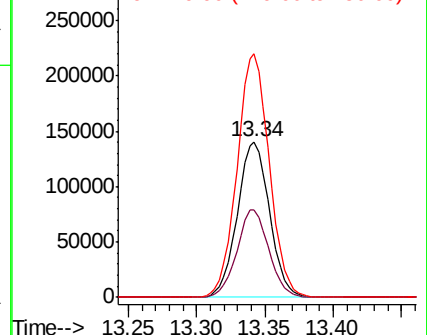
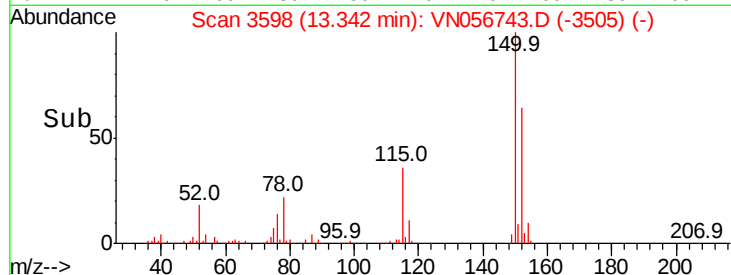
150 156.5 0.0 345.8



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: 20.378 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

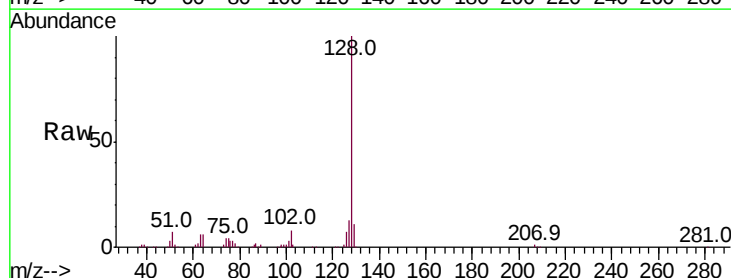
Tgt Ion:128 Resp: 214368

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 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

