

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057019.D
 Acq On : 31 Jul 2019 17:00
 Operator : JC/SP
 Sample : K3618-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-073019

Quant Time: Aug 01 02:15:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

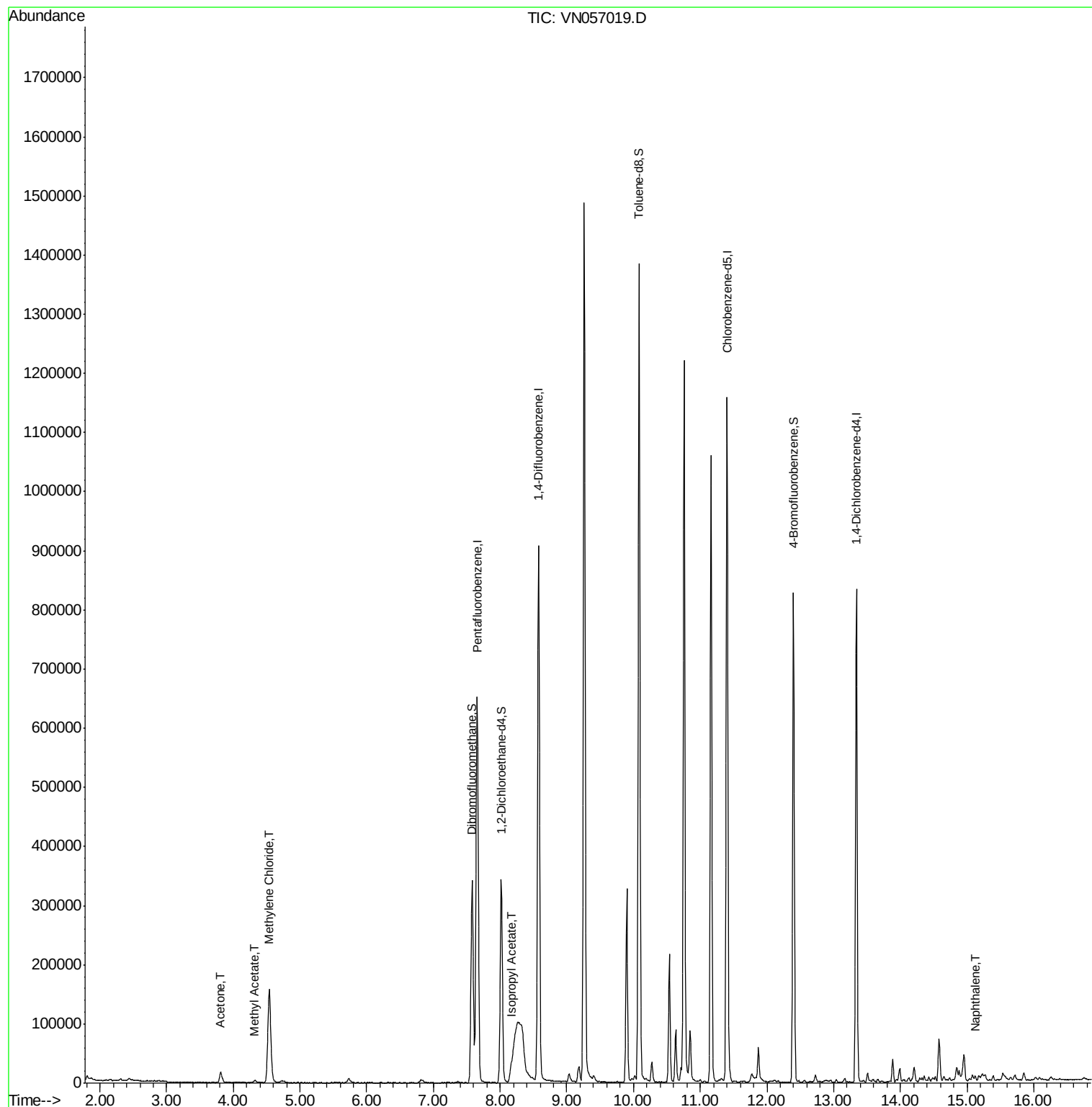
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	584717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	859558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	736600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	291648	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	7.58	113	261163	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	10.08	98	1020020	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	295005	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
Target Compounds						
16) Acetone	3.81	43	31440	14.499	ug/l	98
18) Methyl Acetate	4.32	43	8988	1.299	ug/l #	70
20) Methylene Chloride	4.54	84	128635	20.594	ug/l	98
43) Isopropyl Acetate	8.17	43	29834	2.980	ug/l #	81
95) Naphthalene	15.12	128	8153	4.325	ug/l #	95

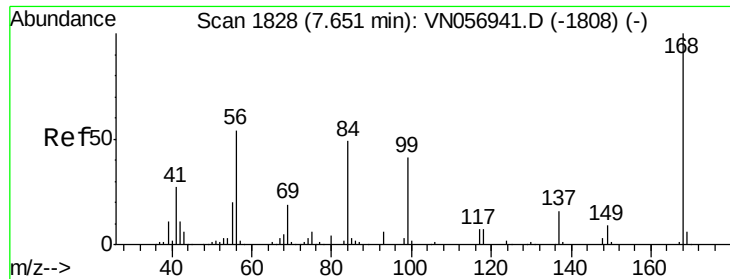
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

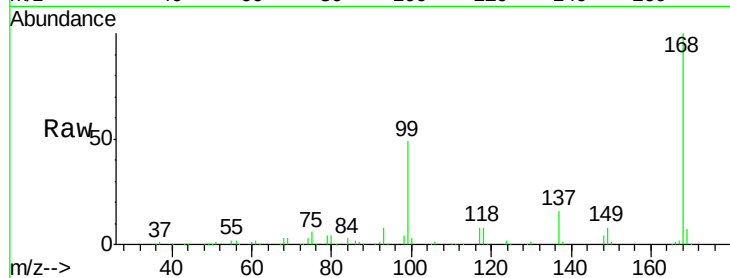
HD-01-073019

Tot Ion:168 Resp: 584717

Ion Ratio Lower Upper

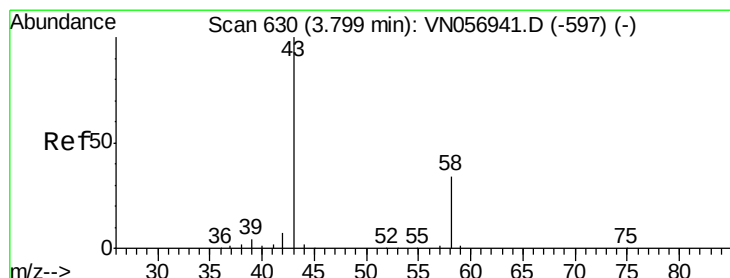
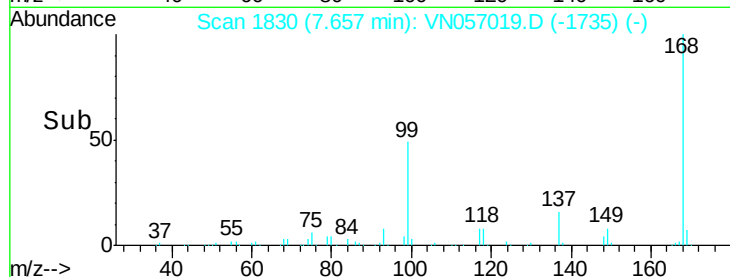
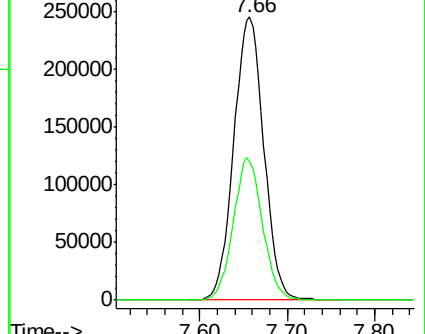
168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.499 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057019.D

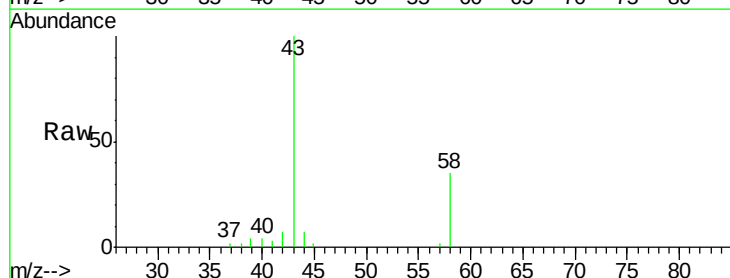
Acq: 31 Jul 2019 17:00

Tgt Ion: 43 Resp: 31440

Ion Ratio Lower Upper

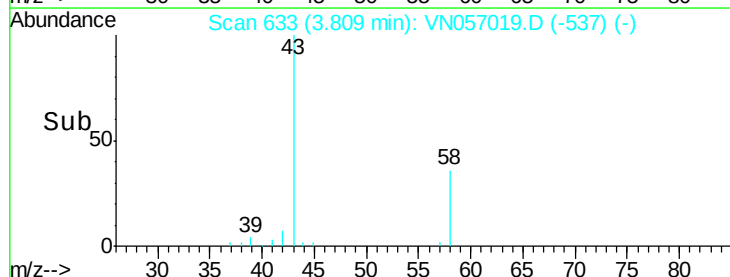
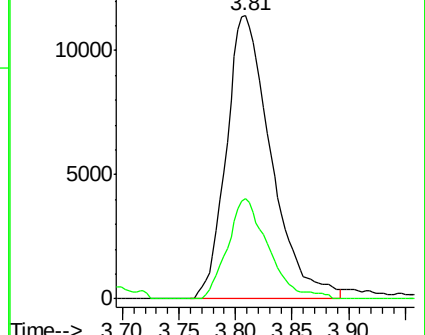
43 100

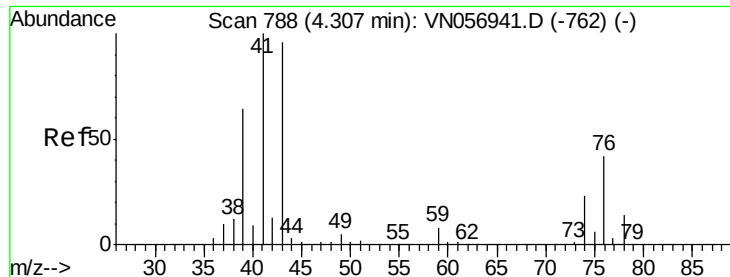
58 35.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

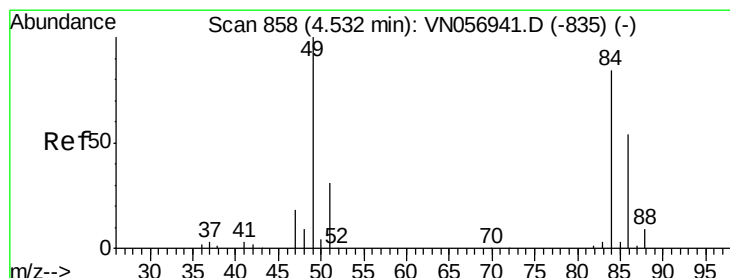
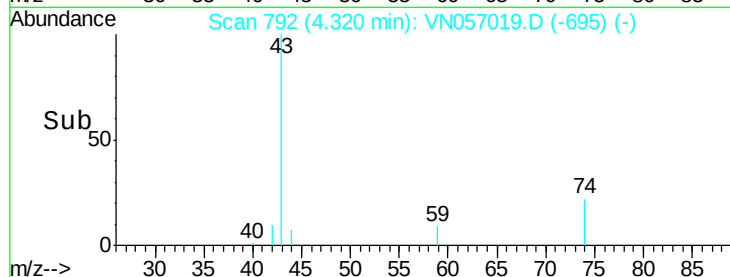
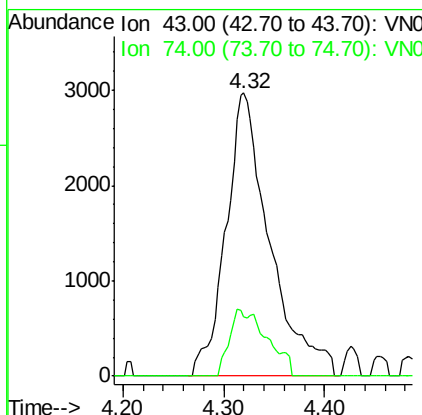
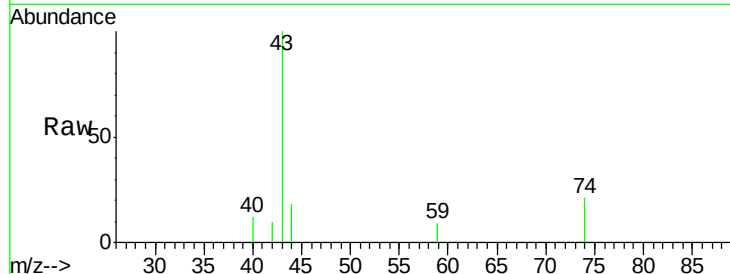




#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

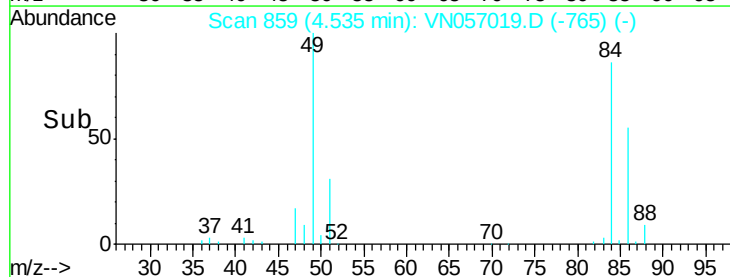
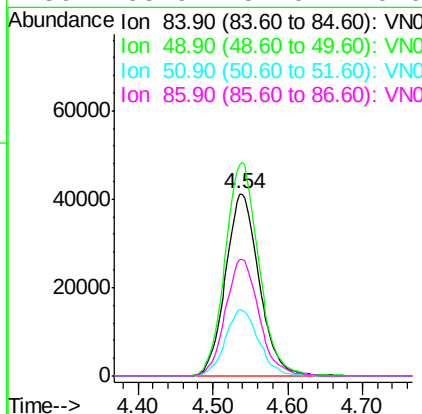
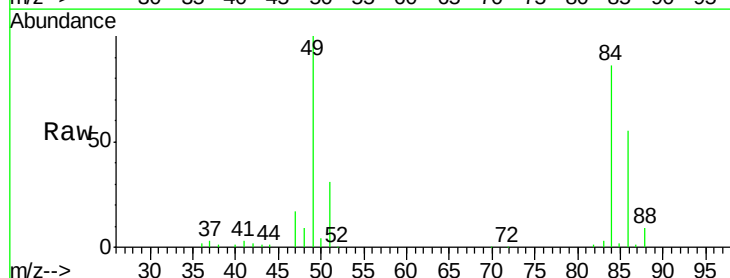
Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

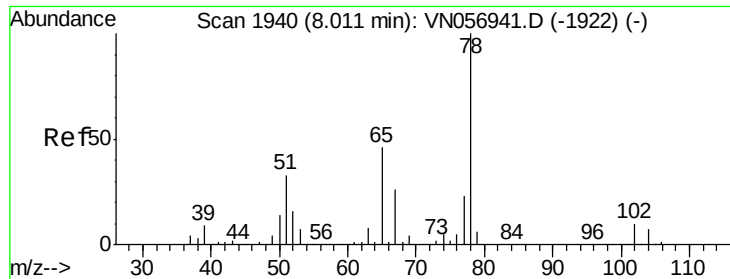
Tot Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
74 9.5 19.7 29.5#



#20
Methylene Chloride
Concen: 20.594 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 84 Resp: 128635
Ion Ratio Lower Upper
84 100
49 116.2 95.2 142.8
51 36.3 29.7 44.5
86 63.9 51.0 76.6

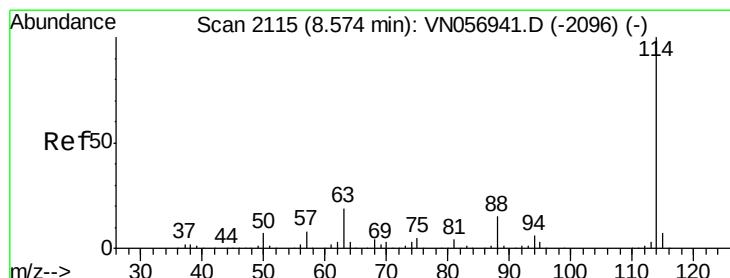
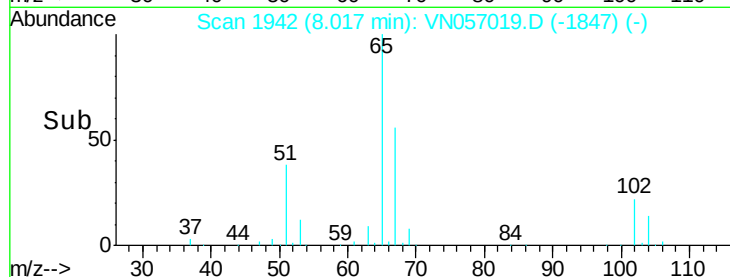
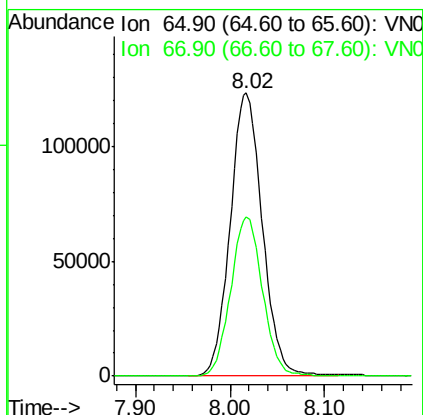
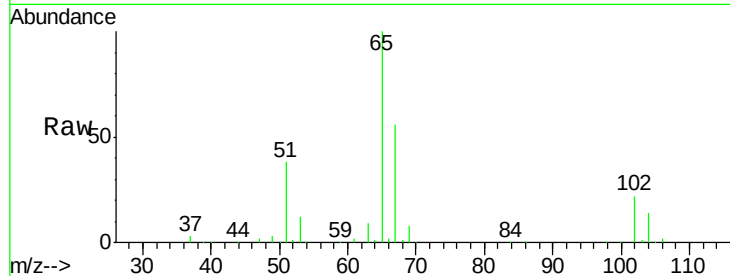




#33
 1,2-Dichloroethane-d4
 Concen: 48.726 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

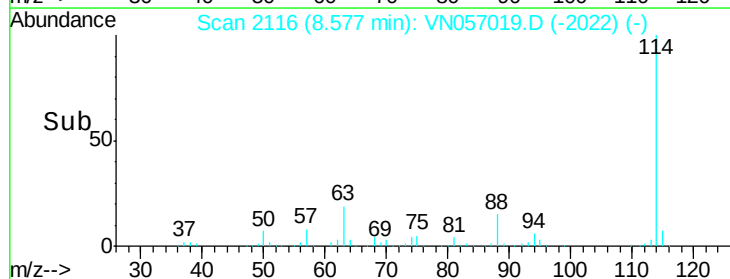
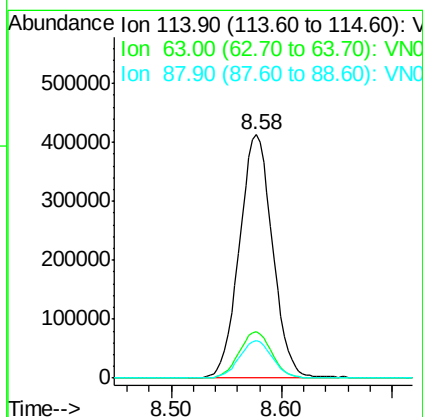
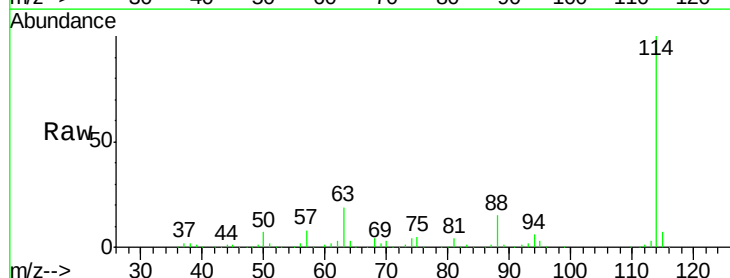
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-073019

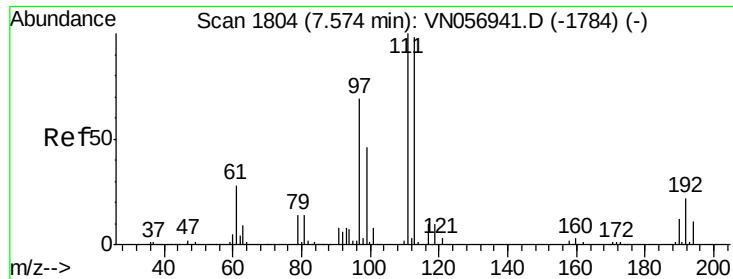
Tot Ion: 65 Resp: 291648
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

Tgt Ion: 114 Resp: 859558
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.2 0.0 30.0

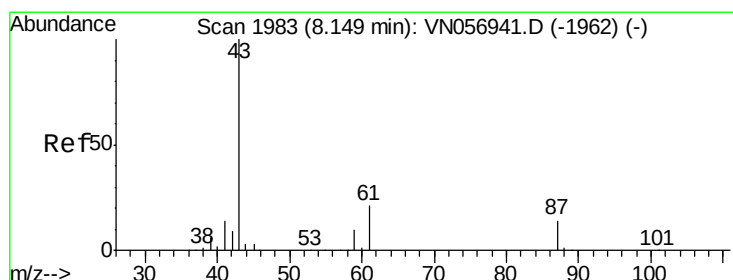
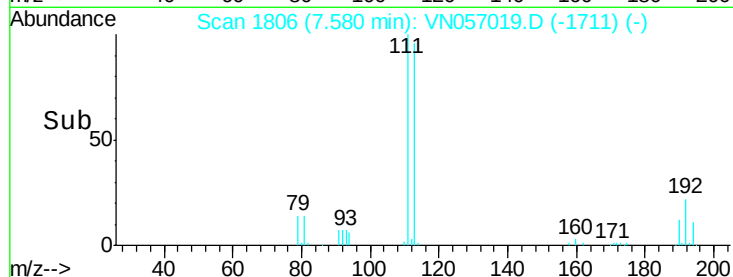
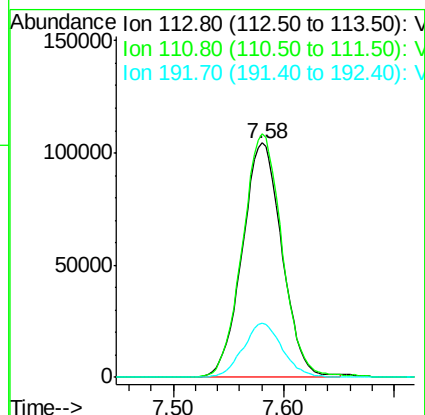
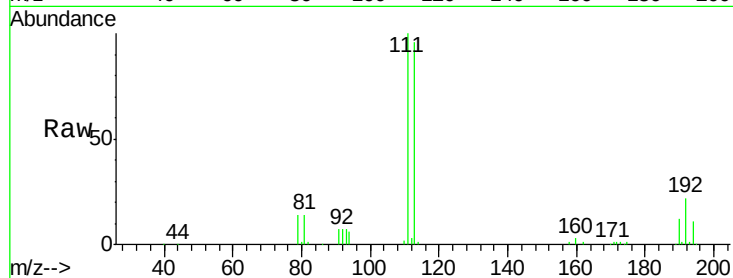




#35
 Dibromofluoromethane
 Concen: 47.462 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

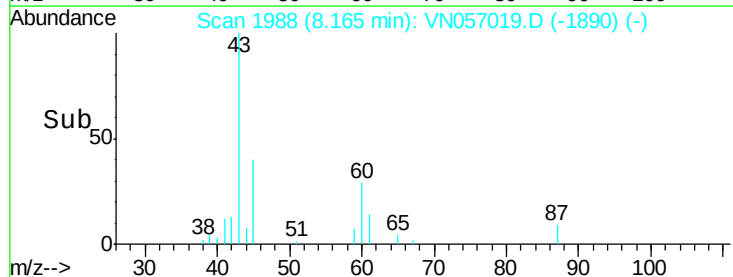
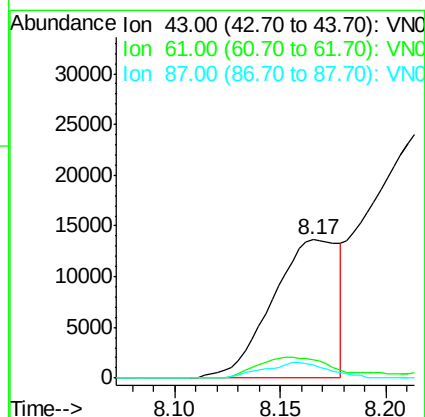
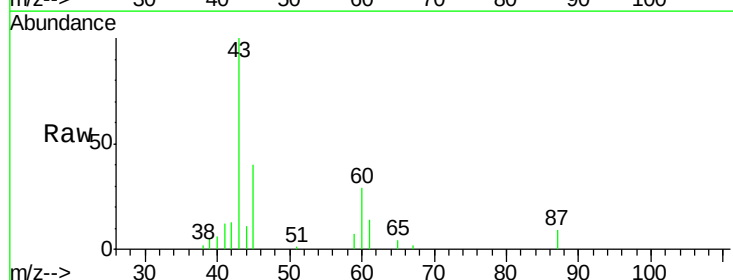
Instrument :
 MSVOA_N
 ClientSampled :
 HD-01-073019

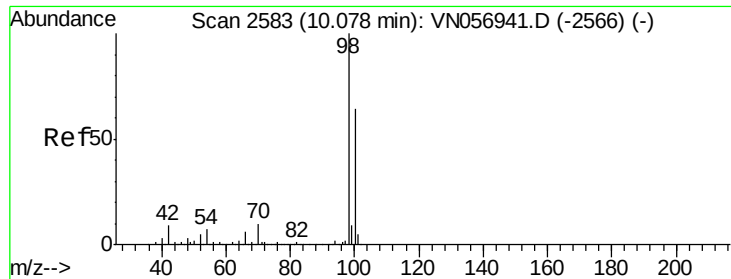
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	22.9	18.4	27.6



#43
 Isopropyl Acetate
 Concen: 2.980 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.02 min
 Lab File: VN057019.D
 Acq: 31 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.3	23.0	34.6#
87	10.9	11.7	17.5#

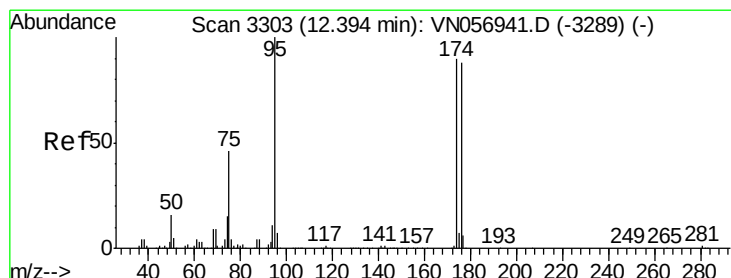
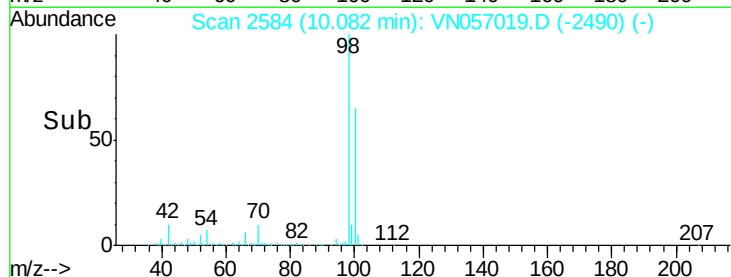
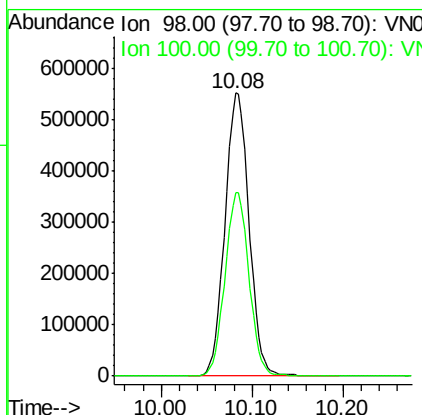
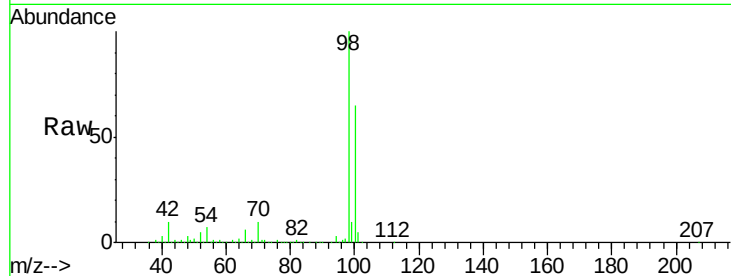




#50
Toluene-d8
Concen: 48.609 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

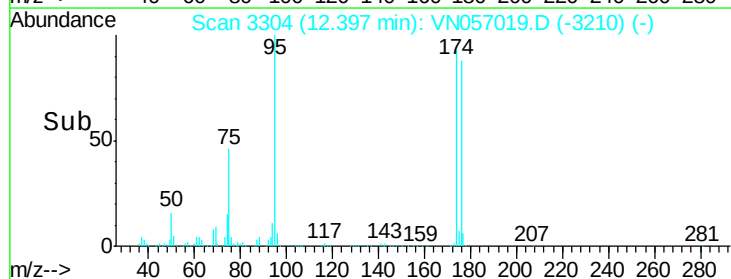
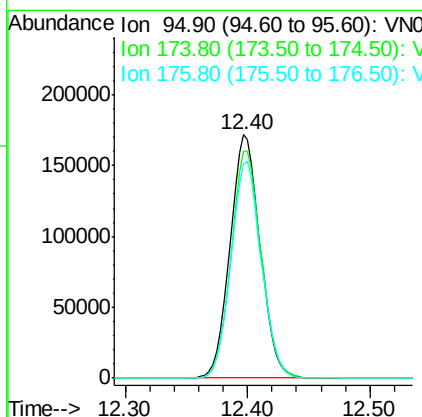
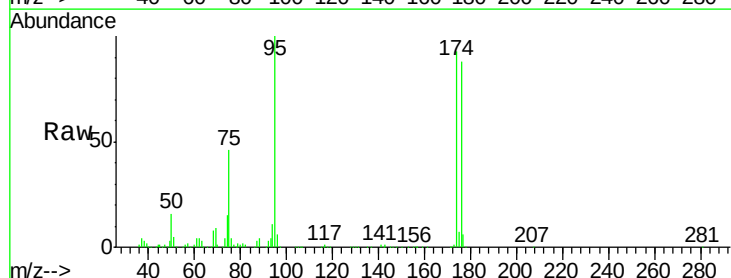
Instrument :
MSVOA_N
ClientSampleId :
HD-01-073019

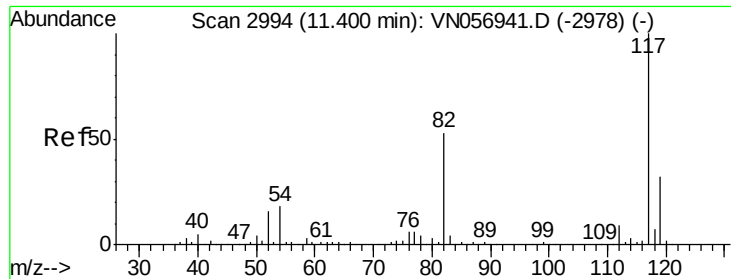
Tot Ion: 98 Resp: 1020020
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.185 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057019.D
Acq: 31 Jul 2019 17:00

Tgt Ion: 95 Resp: 295005
Ion Ratio Lower Upper
95 100
174 93.4 0.0 182.2
176 89.4 0.0 179.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

MSVOA_N

ClientSampled :

HD-01-073019

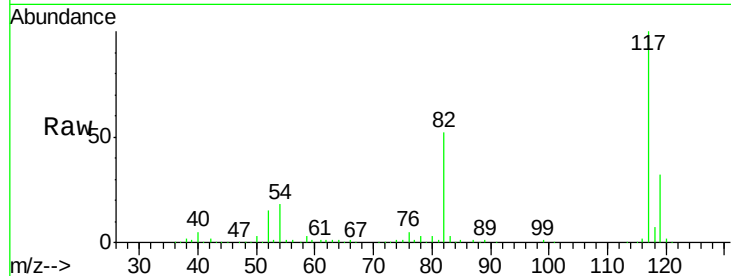
Tot Ion:117 Resp: 736600

Ion Ratio Lower Upper

117 100

82 51.8 42.2 63.4

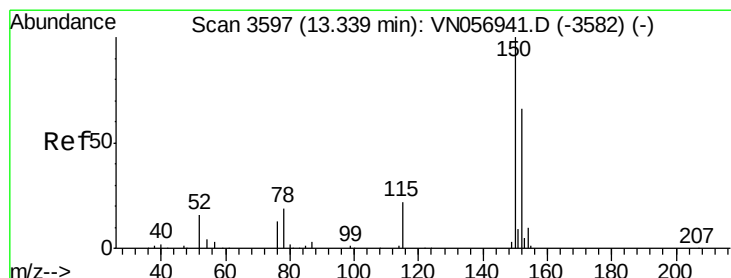
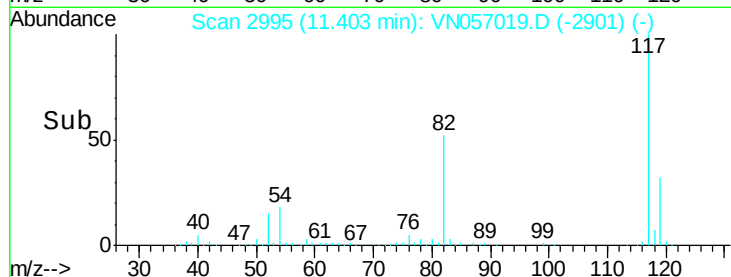
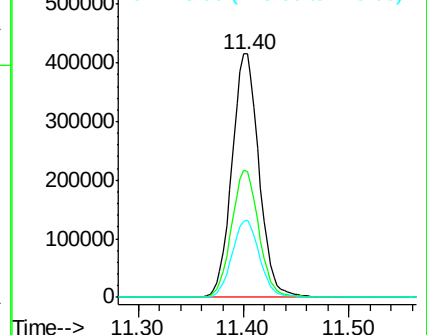
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

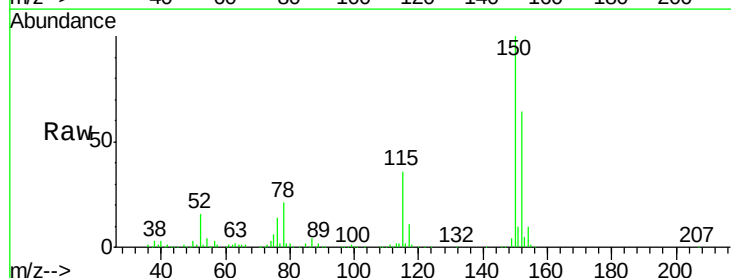
Tgt Ion:152 Resp: 241751

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

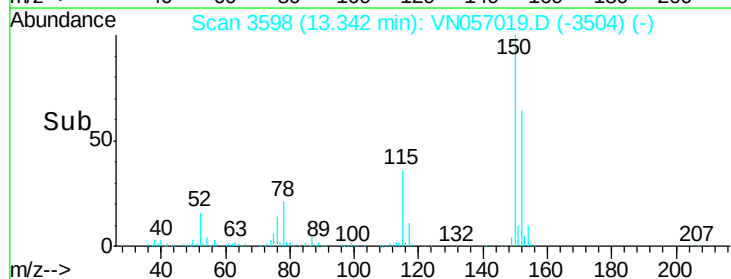
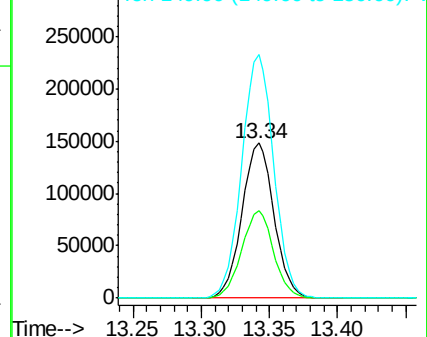
150 157.3 0.0 349.4

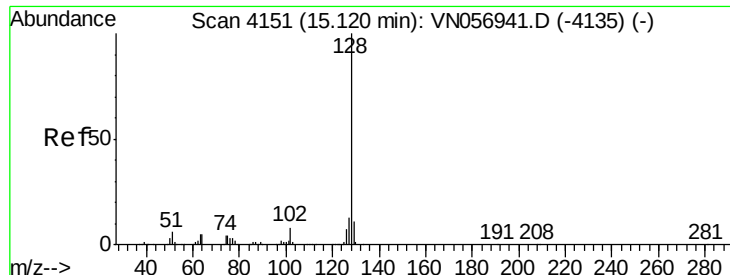


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.325 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057019.D

Acq: 31 Jul 2019 17:00

Instrument :

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ClientSampleId :

HD-01-073019

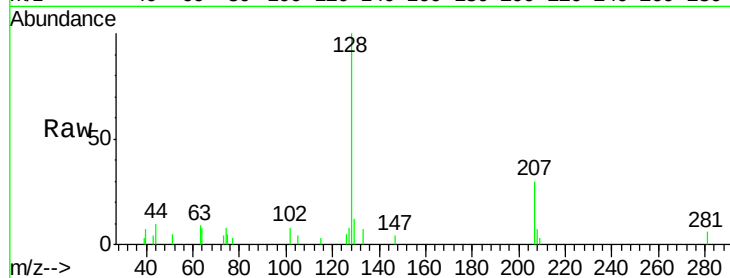
Tot Ion:128 Resp: 8153

Ion Ratio Lower Upper

128 100

127 9.9 10.0 15.0#

129 12.0 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

