

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058728.D
 Acq On : 12 Oct 2019 1:55
 Operator : JC/SP
 Sample : K5145-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-100919

Quant Time: Oct 12 05:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

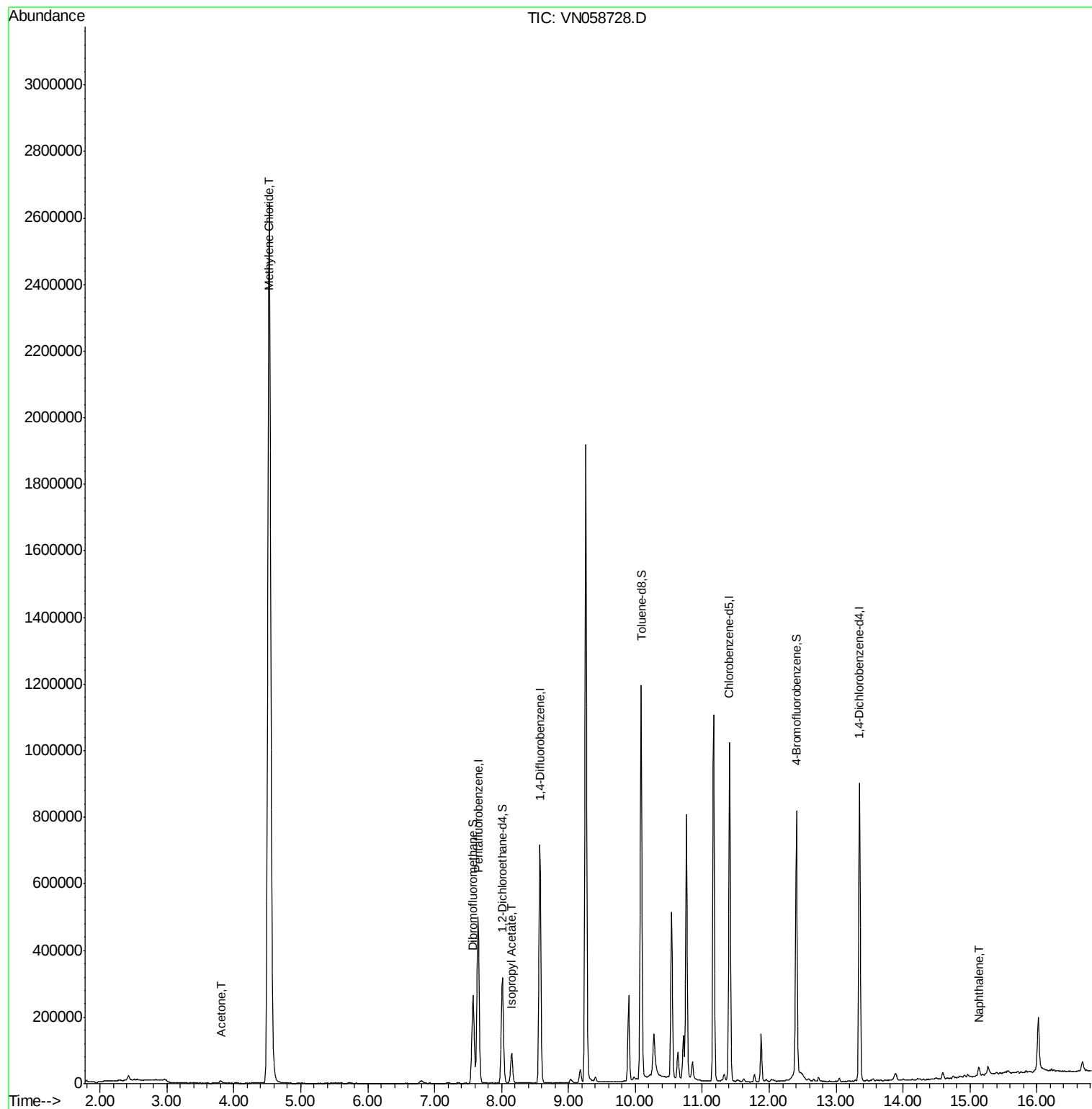
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	386864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	281212	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
35) Dibromofluoromethane	7.57	113	199345	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.08	98	791826	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.41	95	263434	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
Target Compounds						
16) Acetone	3.80	43	12921	5.763	ug/l	93
20) Methylene Chloride	4.53	84	1962518	418.795	ug/l	99
43) Isopropyl Acetate	8.15	43	106924	10.054	ug/l #	92
95) Naphthalene	15.13	128	18060	1.435	ug/l	96

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

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QLast Update : Sat Oct 12 00:00:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

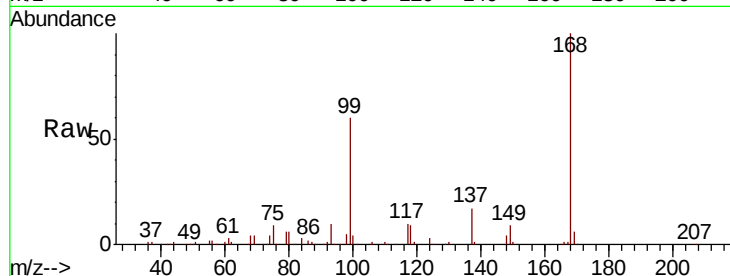
HD-01-100919

Tot Ion:168 Resp: 386864

Ion Ratio Lower Upper

168 100

99 60.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

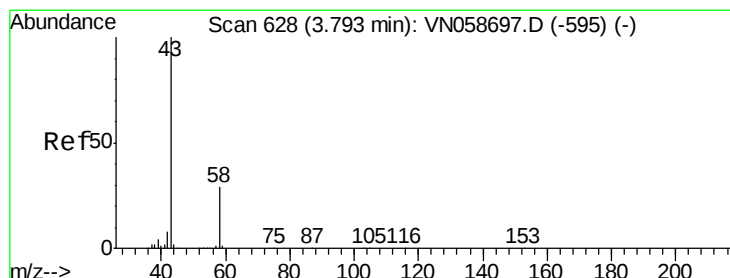
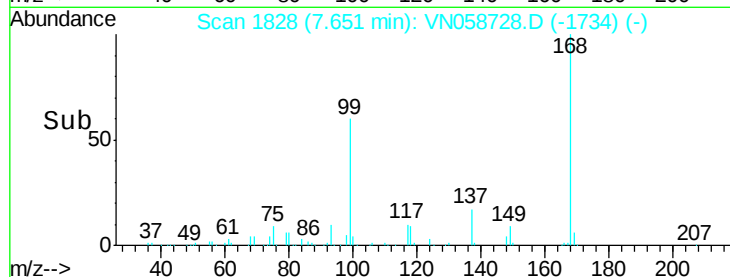
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.763 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058728.D

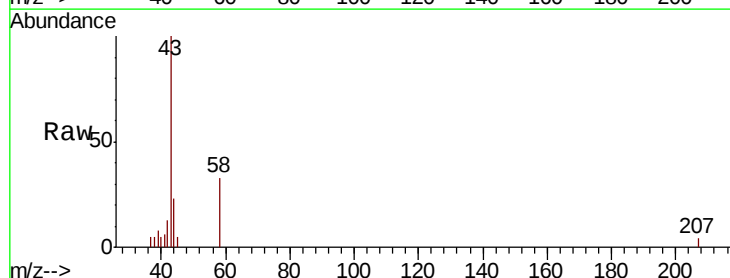
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 12921

Ion Ratio Lower Upper

43 100

58 33.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

5000

4000

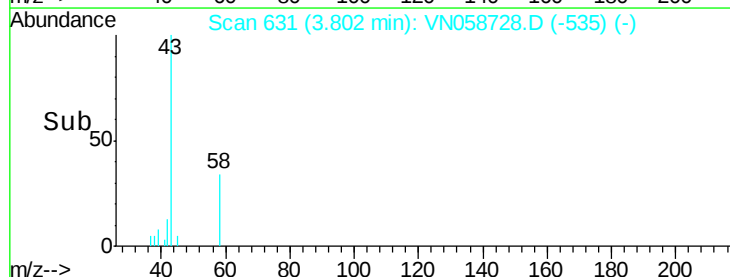
3000

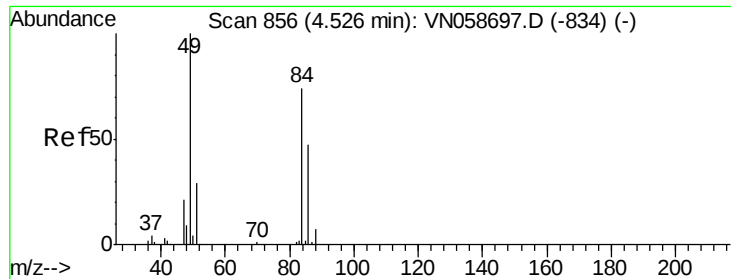
2000

1000

0

Time-->



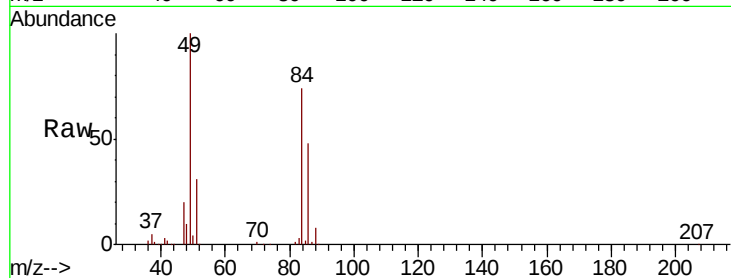


#20
Methylene Chloride
Concen: 418.795 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :
HD-01-100919

Tot Ion: 84 Resp: 1962518

Ion	Ratio	Lower	Upper
84	100		
49	134.8	107.6	161.4
51	41.6	31.4	47.0
86	64.4	50.3	75.5

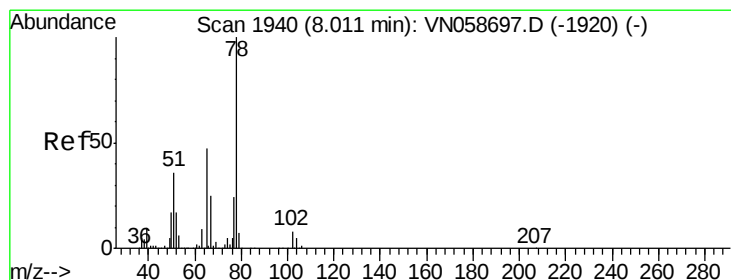
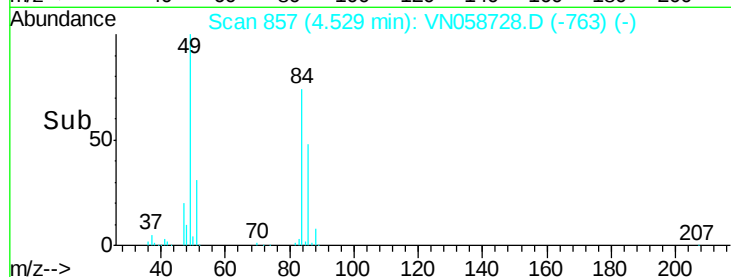
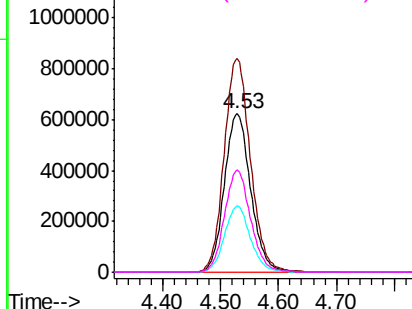


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

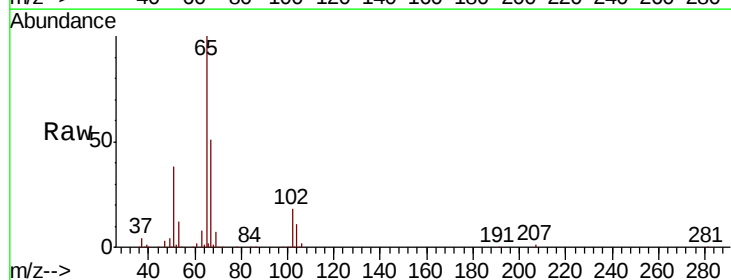
Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 51.922 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

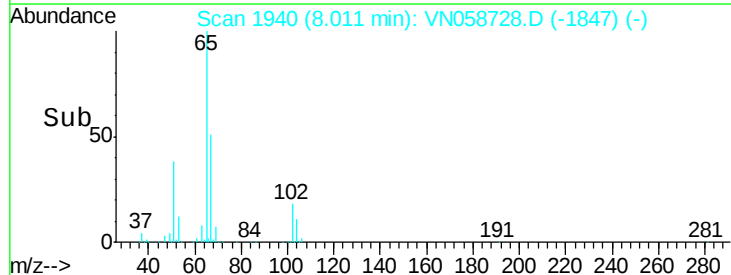
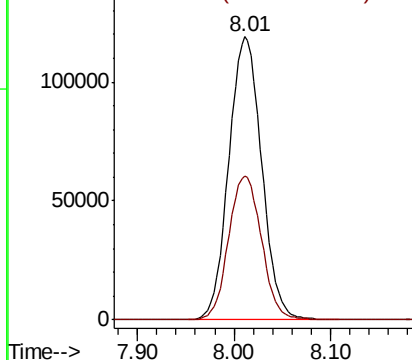
Tgt Ion: 65 Resp: 281212

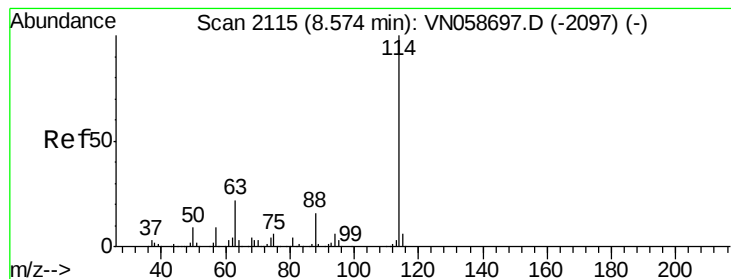
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

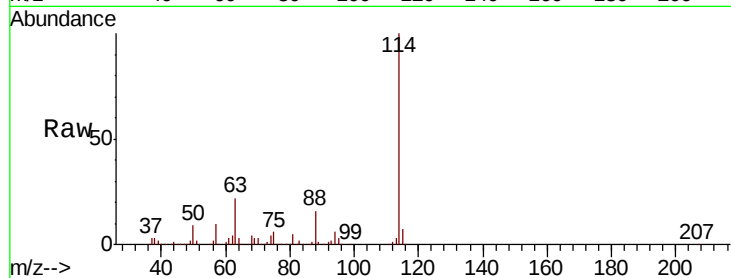
Tot Ion:114 Resp: 610552

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

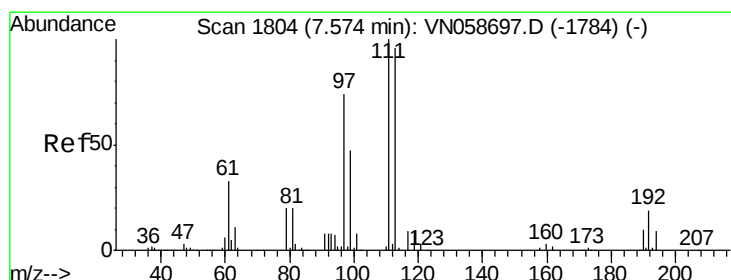
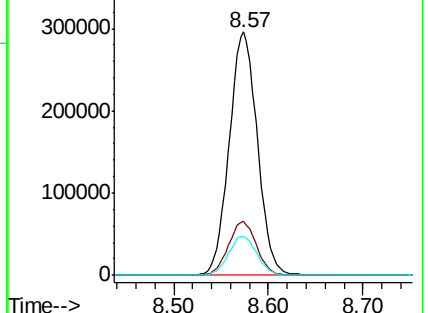
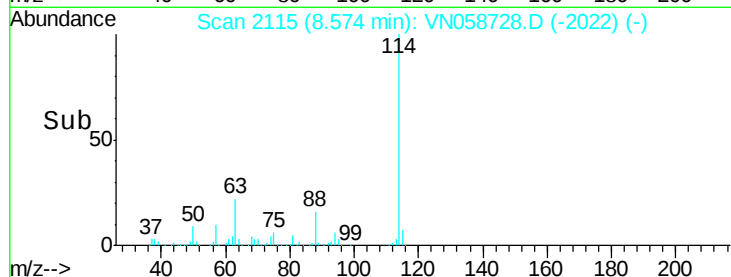
88 16.2 0.0 32.0



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: 52.859 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

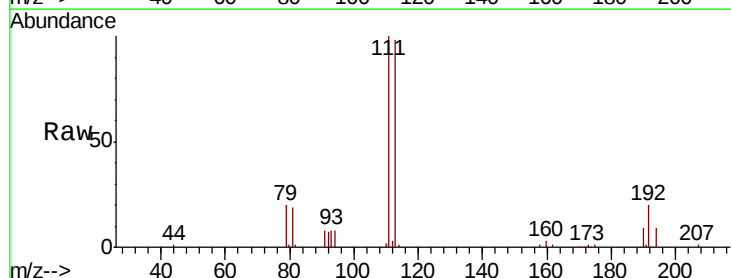
Tgt Ion:113 Resp: 199345

Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

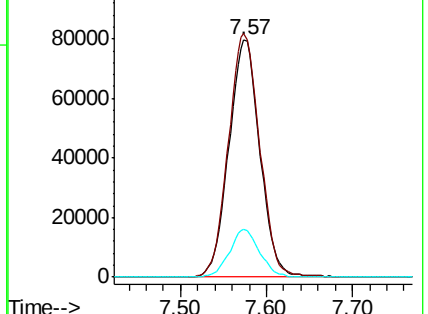
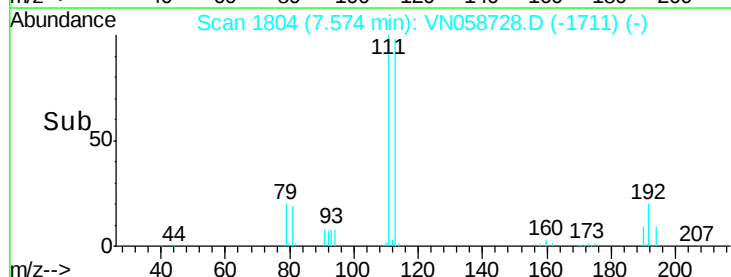
192 19.4 15.0 22.6

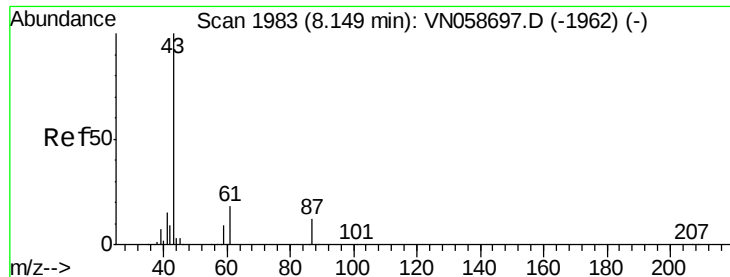


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.054 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

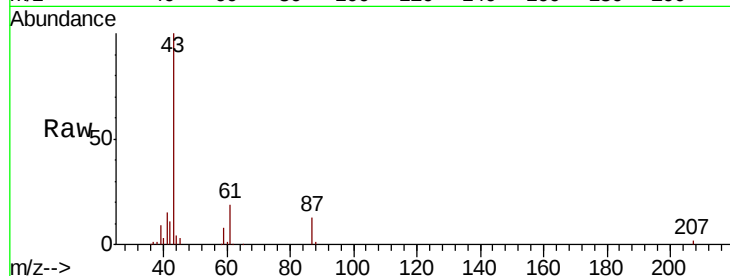
Tot Ion: 43 Resp: 106924

Ion Ratio Lower Upper

43 100

61 19.2 20.3 30.5#

87 12.4 9.8 14.6



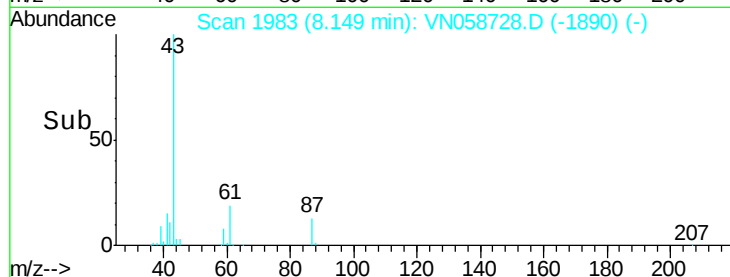
Abundance Ion 43.00 (42.70 to 43.70): VN058728.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058728.D (-1890) (-)

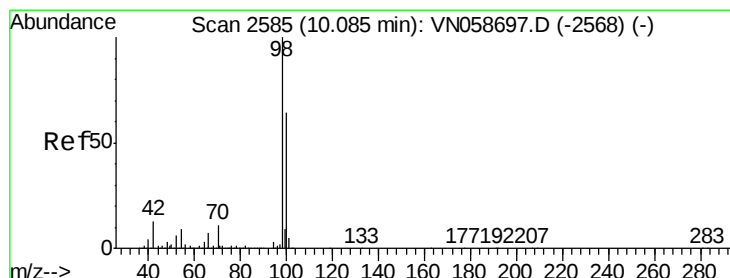
Ion 87.00 (86.70 to 87.70): VN058728.D (-1890) (-)

8.15

Time-->



Time-->



#50

Toluene-d8

Concen: 52.506 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058728.D

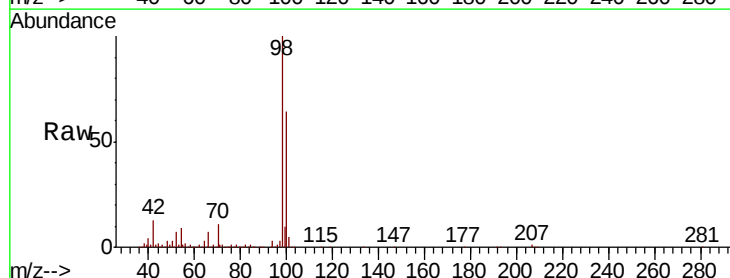
Acq: 12 Oct 2019 1:55

Tgt Ion: 98 Resp: 791826

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7

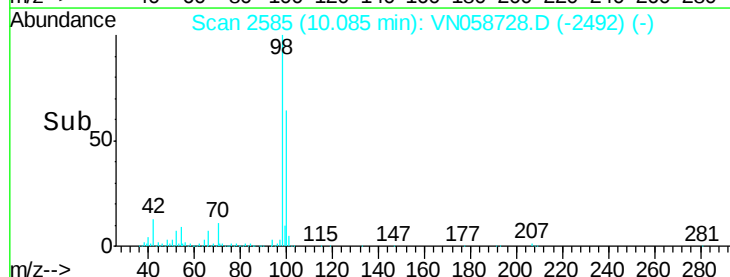


Abundance Ion 98.00 (97.70 to 98.70): VN058728.D (-2492) (-)

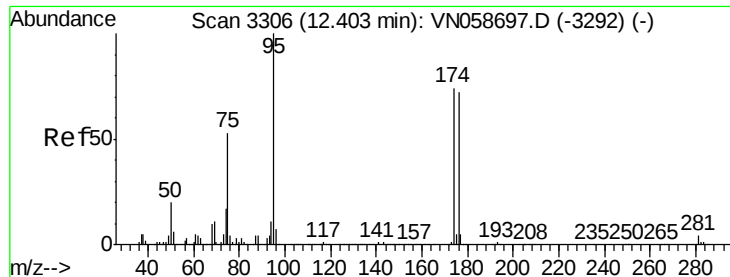
Ion 100.00 (99.70 to 100.70): VN058728.D (-2492) (-)

10.08

Time-->



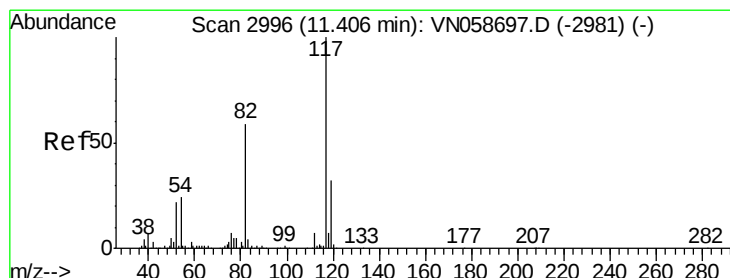
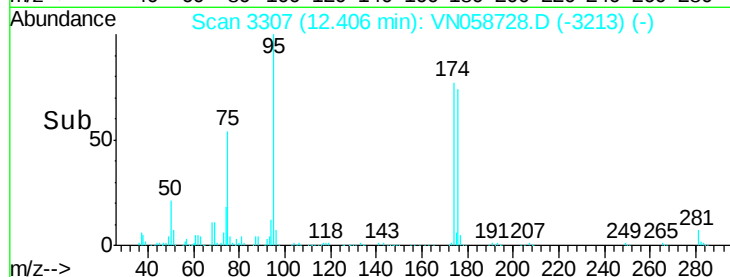
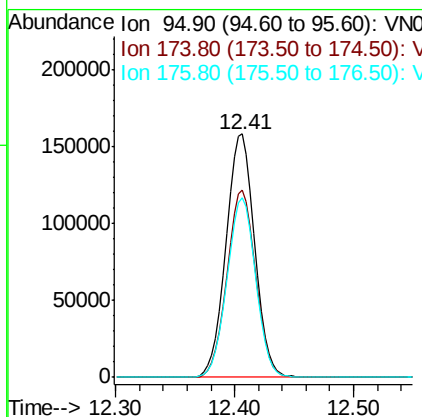
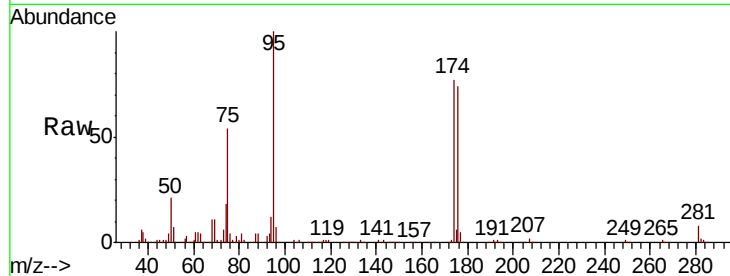
Time-->



#62
4-Bromofluorobenzene
Concen: 46.148 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

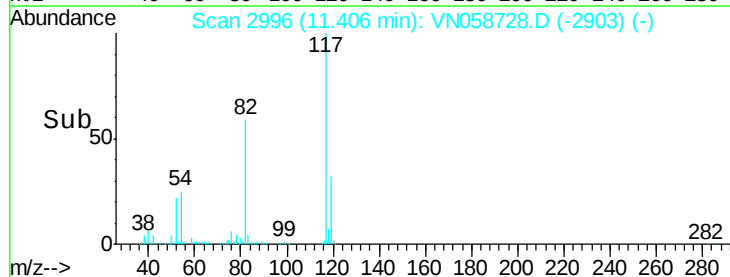
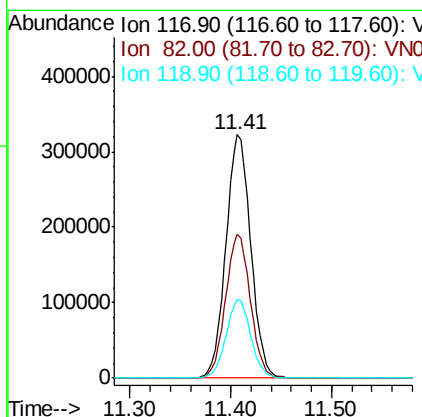
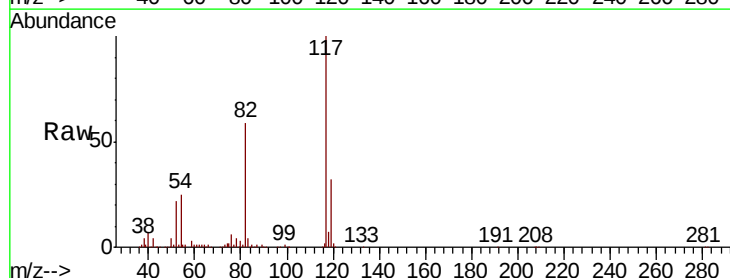
Instrument :
MSVOA_N
ClientSampleId :
HD-01-100919

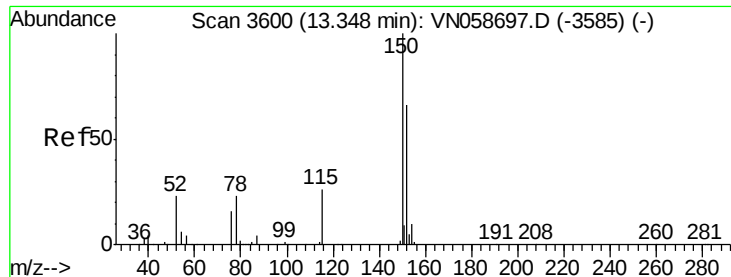
Tot Ion: 95 Resp: 263434
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 73.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 117 Resp: 555794
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.4
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

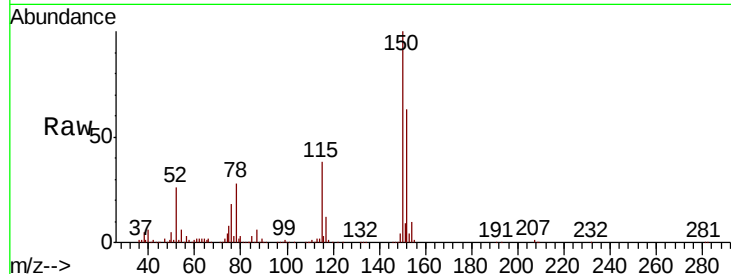
Tot Ion:152 Resp: 226670

Ion Ratio Lower Upper

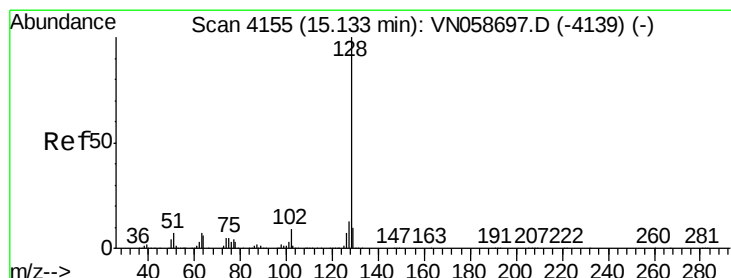
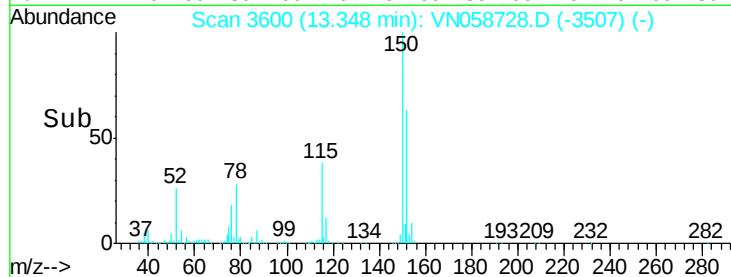
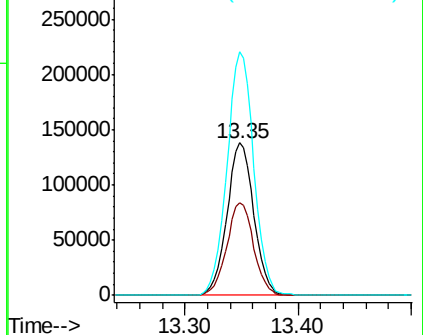
152 100

115 61.1 30.4 91.2

150 159.5 0.0 345.4



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: 1.435 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

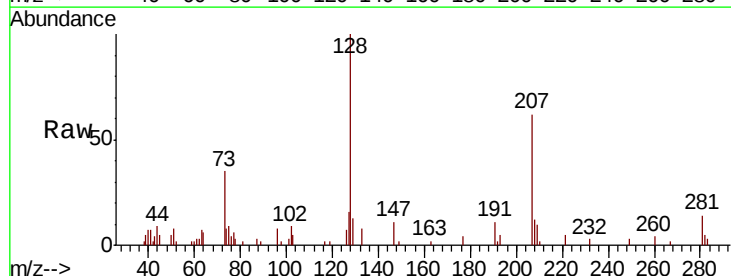
Tgt Ion:128 Resp: 18060

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 11.8 8.5 12.7



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

