

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058760.D
 Acq On : 14 Oct 2019 19:30
 Operator : JC/SP
 Sample : K5148-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-101119

Quant Time: Oct 15 04:17:47 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

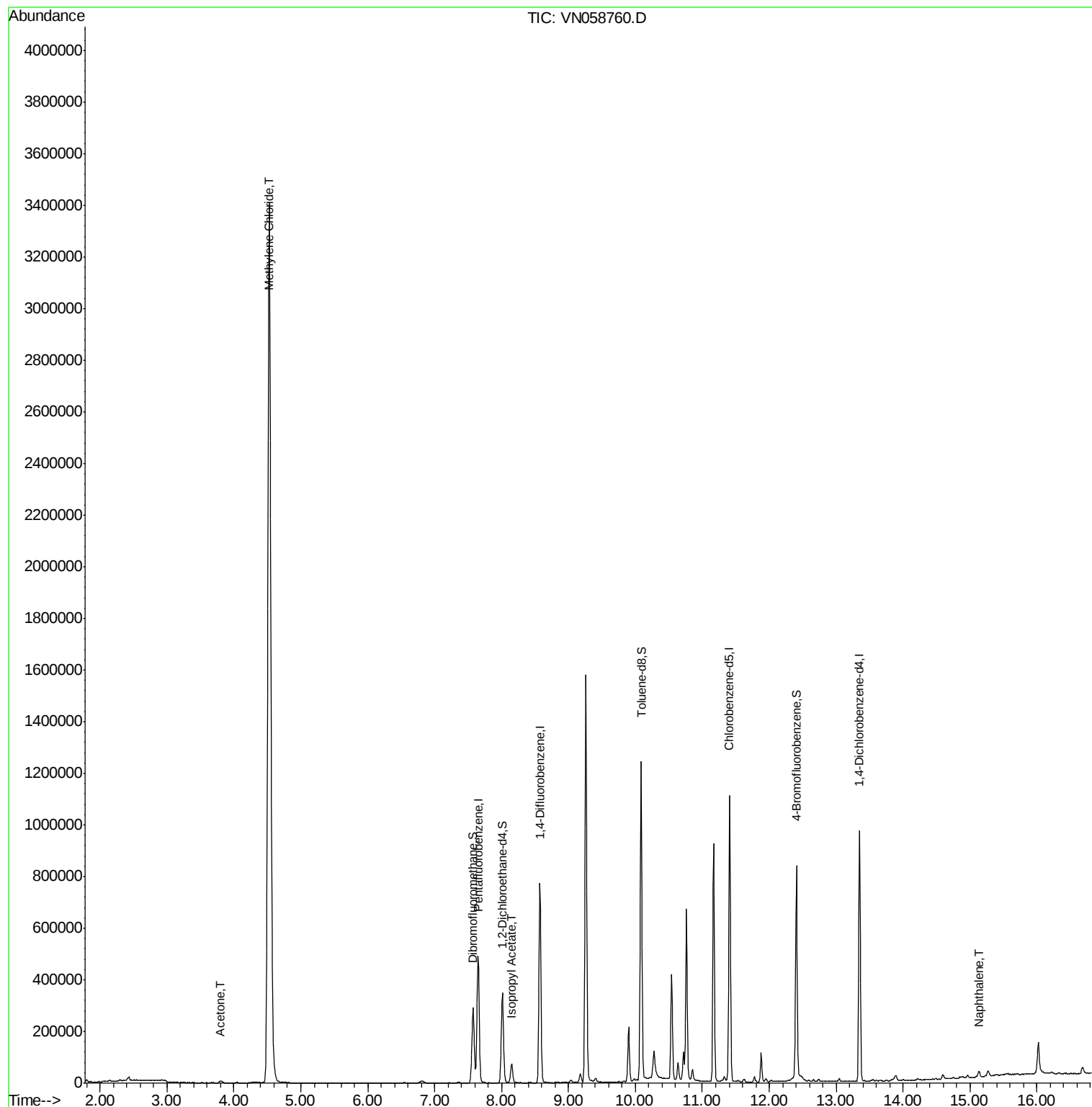
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307278	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.52%	
35) Dibromofluoromethane	7.57	113	219576	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	10.08	98	830323	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.41	95	275045	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
16) Acetone	3.80	43	13269	6.025	ug/l	99
20) Methylene Chloride	4.53	84	2541599	552.170	ug/l	99
43) Isopropyl Acetate	8.15	43	88282	7.698	ug/l #	90
95) Naphthalene	15.13	128	15149	1.100	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

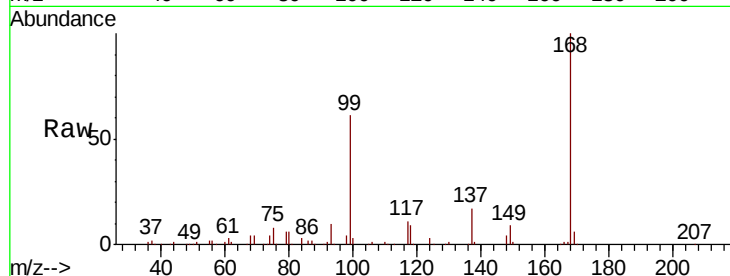
OR-03-101119

Tot Ion:168 Resp: 379997

Ion Ratio Lower Upper

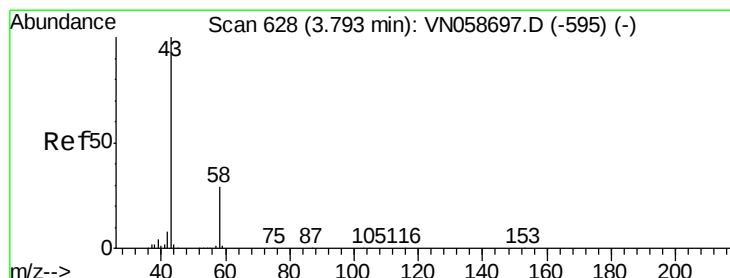
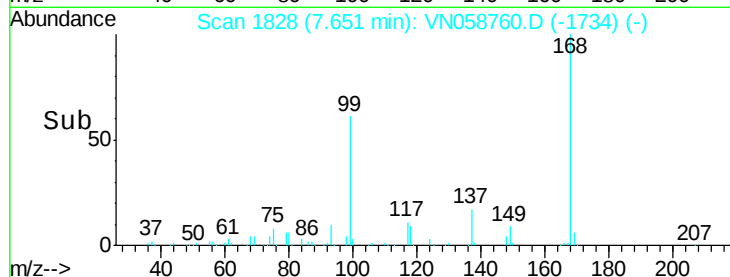
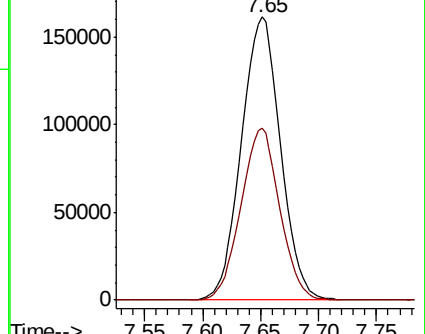
168 100

99 60.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.025 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058760.D

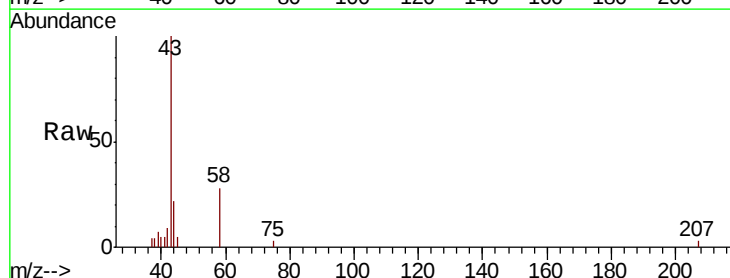
Acq: 14 Oct 2019 19:30

Tgt Ion: 43 Resp: 13269

Ion Ratio Lower Upper

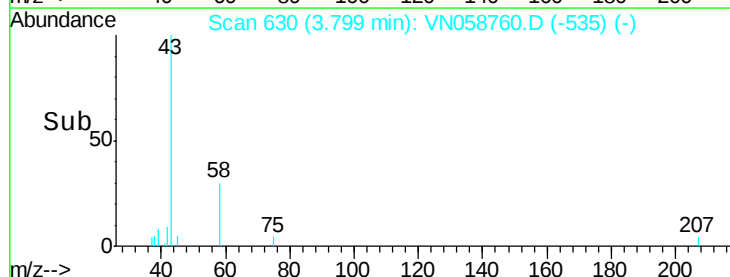
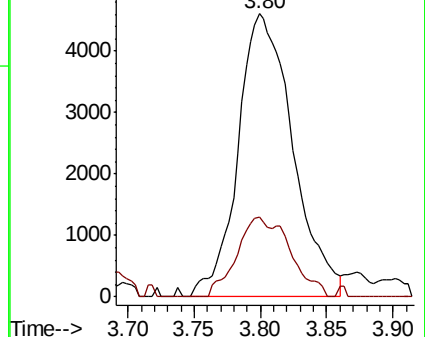
43 100

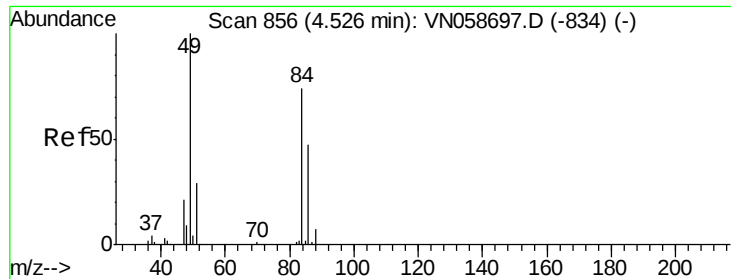
58 28.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN



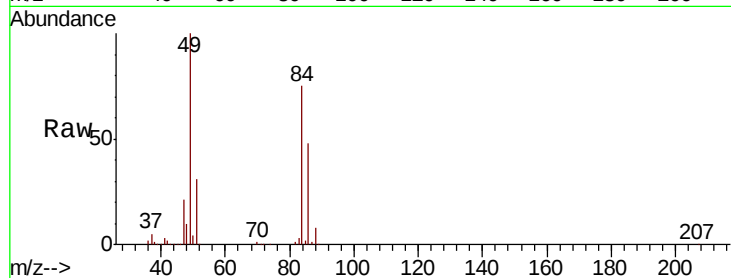


#20
Methvlene Chloride
Concen: 552.170 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

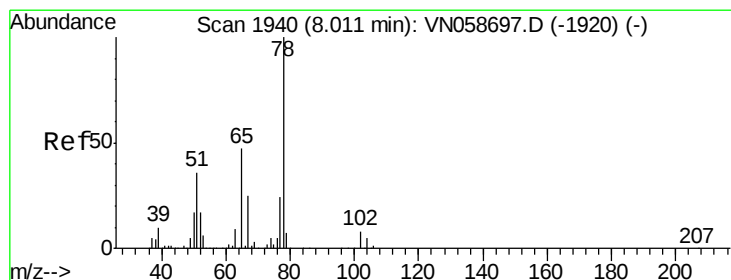
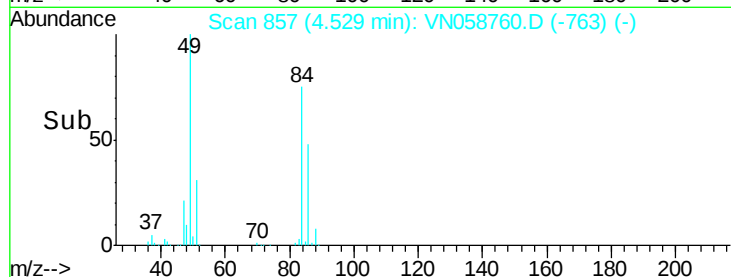
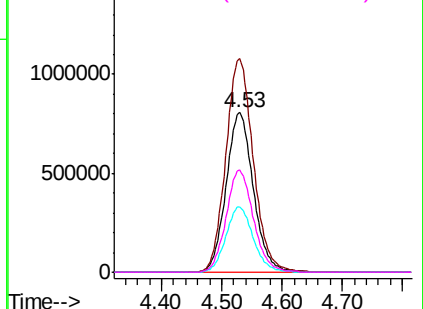
Instrument :
MSVOA_N
ClientSampleId :
OR-03-101119

Tot Ion: 84 Resp: 2541599

Ion	Ratio	Lower	Upper
84	100		
49	133.9	107.6	161.4
51	40.9	31.4	47.0
86	64.0	50.3	75.5



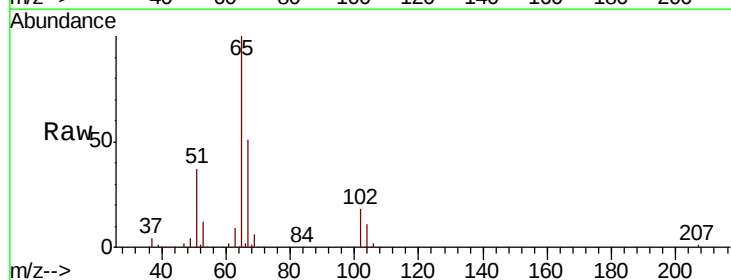
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



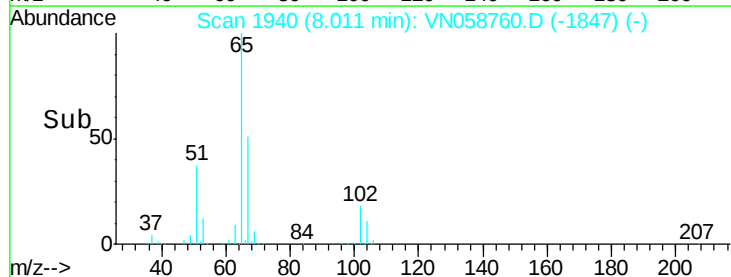
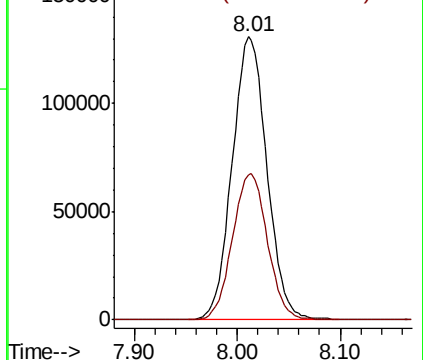
#33
1,2-Dichloroethane-d4
Concen: 57.760 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058760.D
Acq: 14 Oct 2019 19:30

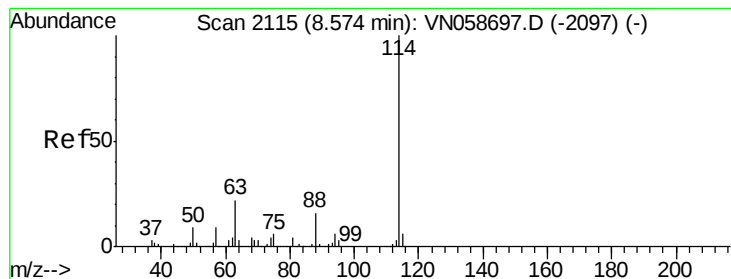
Tgt Ion: 65 Resp: 307278

Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101119

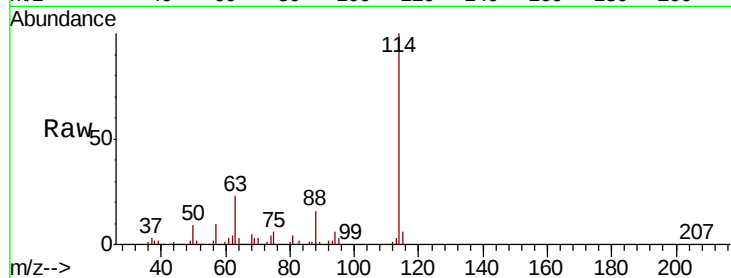
Tot Ion:114 Resp: 658321

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

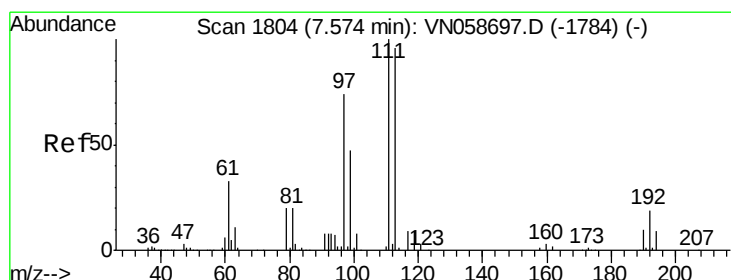
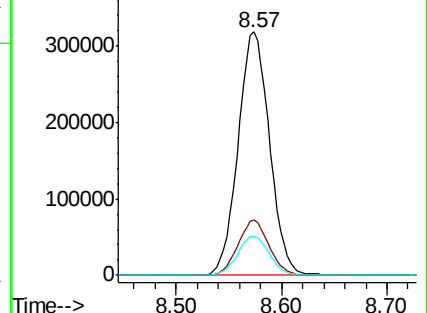
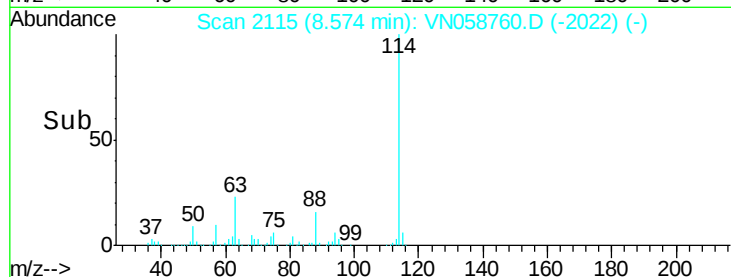
88 16.1 0.0 32.0



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: 53.999 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

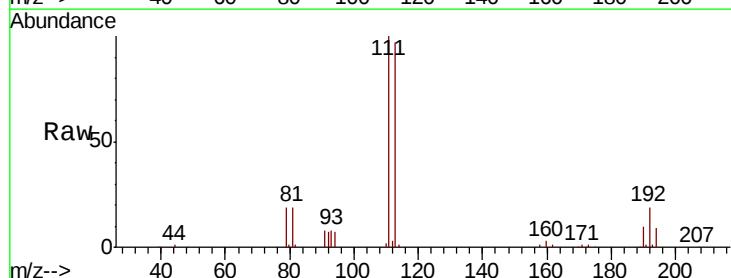
Tgt Ion:113 Resp: 219576

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

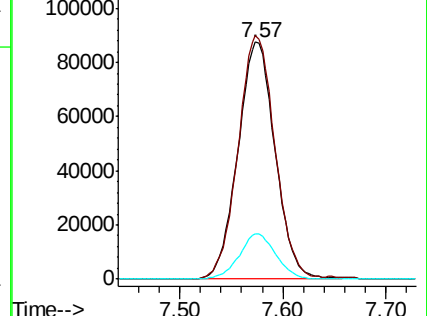
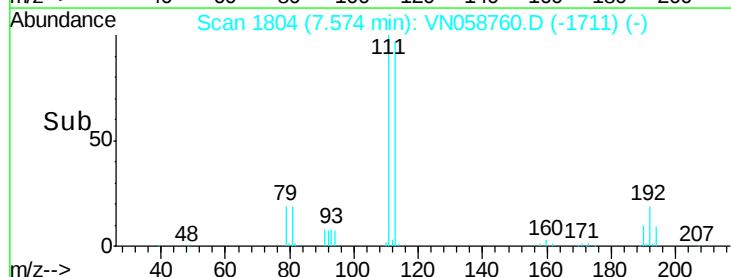
192 18.9 15.0 22.6

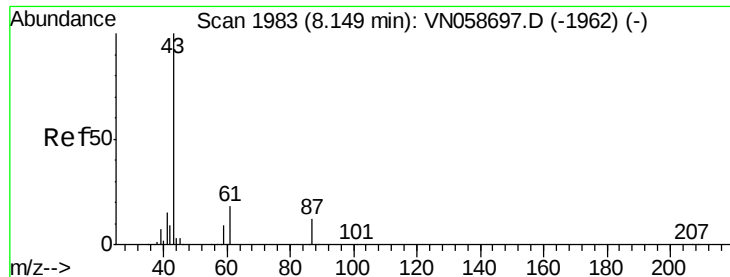


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.698 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101119

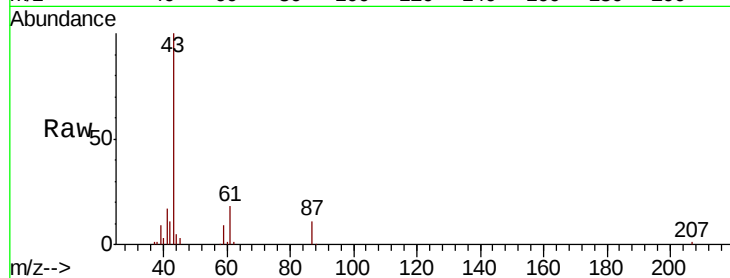
Tot Ion: 43 Resp: 88282

Ion Ratio Lower Upper

43 100

61 18.4 20.3 30.5#

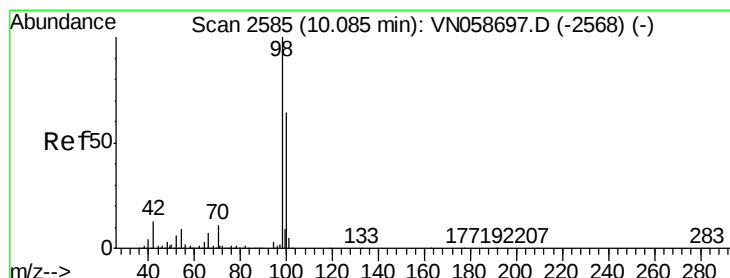
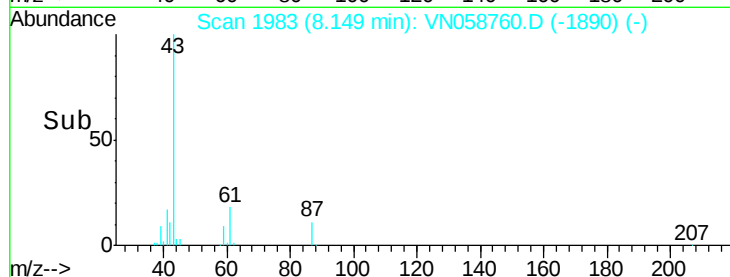
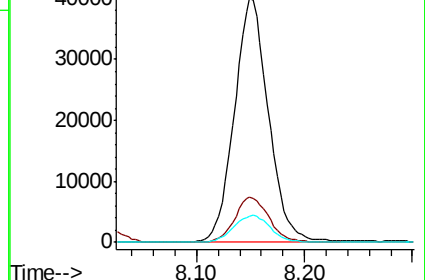
87 11.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058760.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058760.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058760.D (-1890) (-)



#50

Toluene-d8

Concen: 51.063 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058760.D

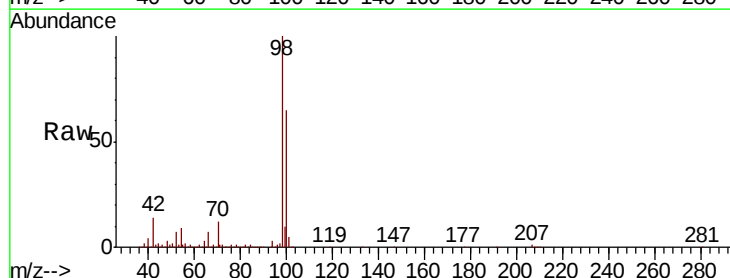
Acq: 14 Oct 2019 19:30

Tgt Ion: 98 Resp: 830323

Ion Ratio Lower Upper

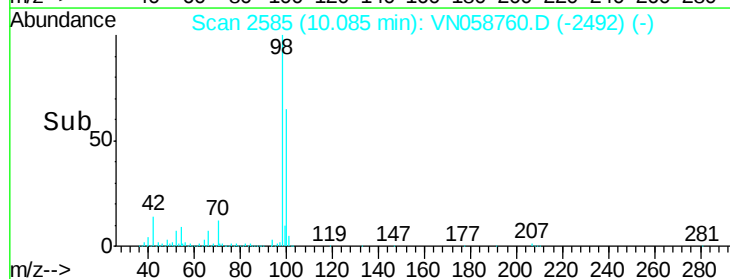
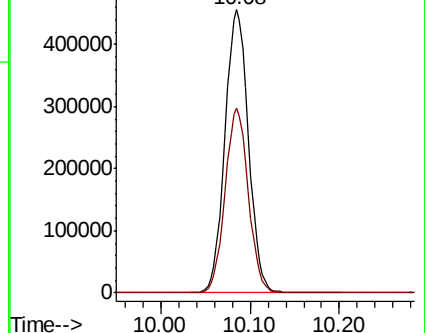
98 100

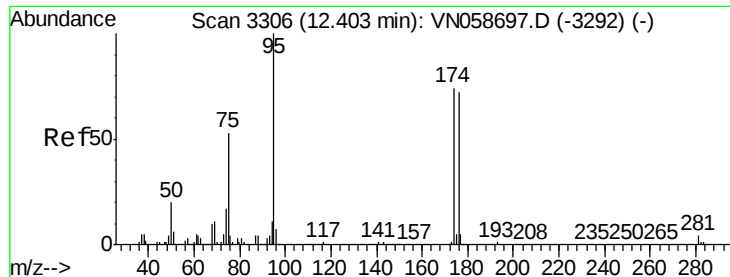
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058760.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058760.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 44.686 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101119

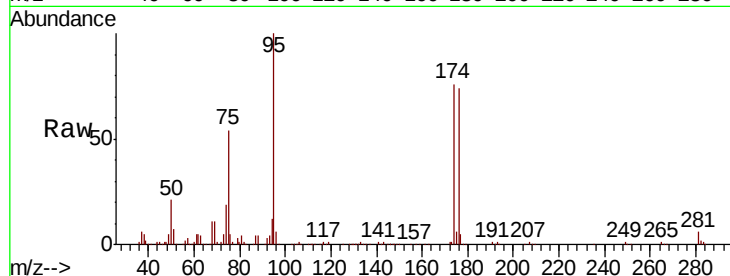
Tot Ion: 95 Resp: 275045

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.4

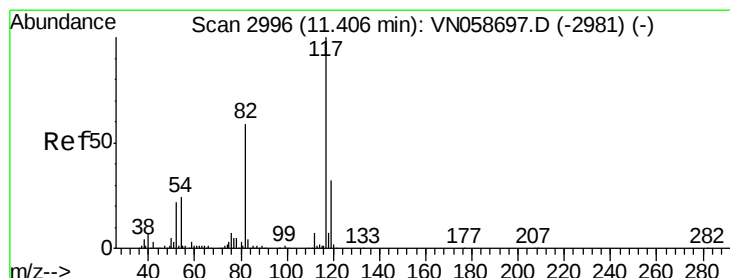
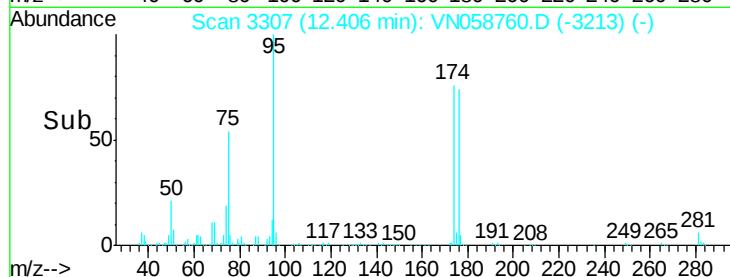
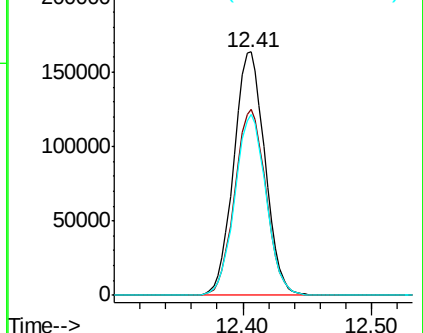
176 74.3 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

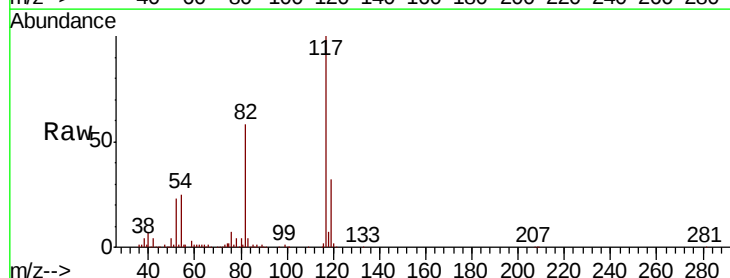
Tgt Ion: 117 Resp: 611668

Ion Ratio Lower Upper

117 100

82 58.4 47.0 70.4

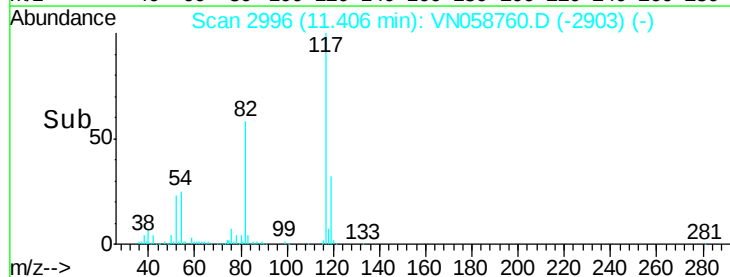
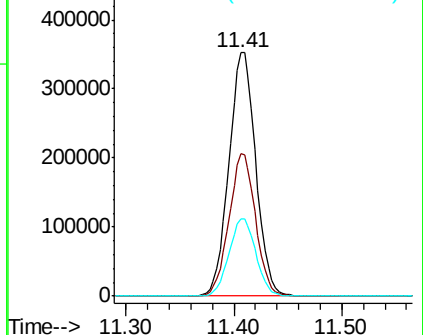
119 31.5 25.4 38.2

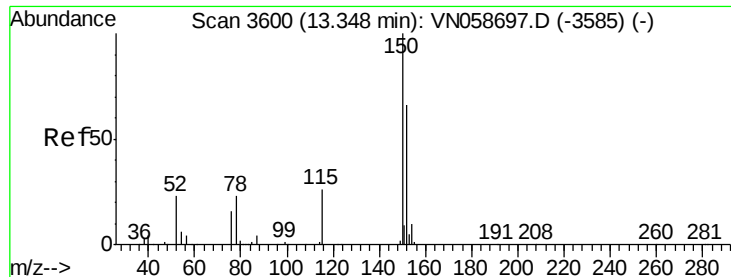


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101119

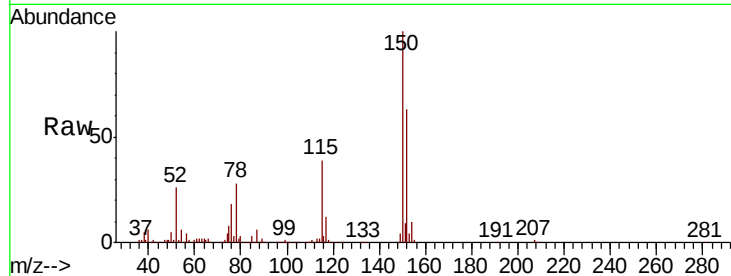
Tot Ion:152 Resp: 247992

Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.2

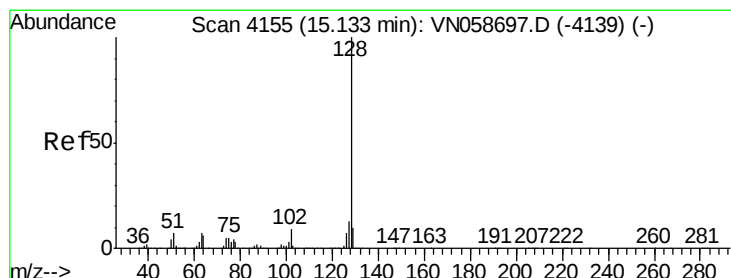
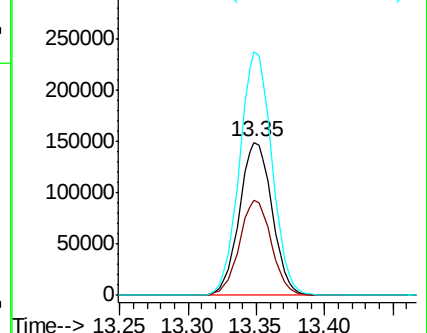
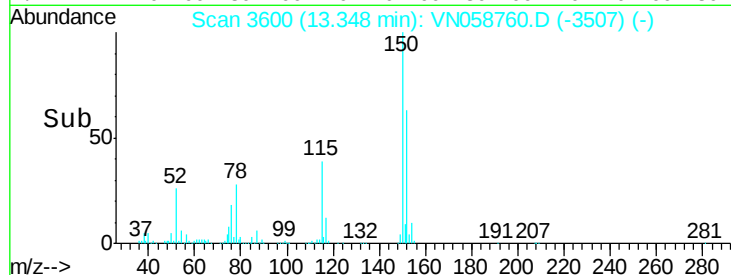
150 157.9 0.0 345.4



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: 1.100 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058760.D

Acq: 14 Oct 2019 19:30

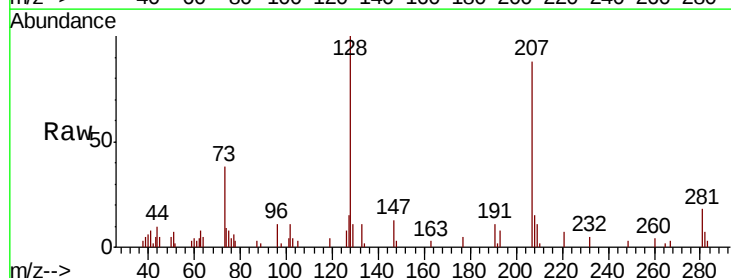
Tgt Ion:128 Resp: 15149

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.0 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

