

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058488.D
 Acq On : 2 Oct 2019 20:20
 Operator : JC/SP
 Sample : K5095-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

Quant Time: Oct 03 05:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	371961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	628255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	282090	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.57	113	201437	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.09	98	802002	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.41	95	257679	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

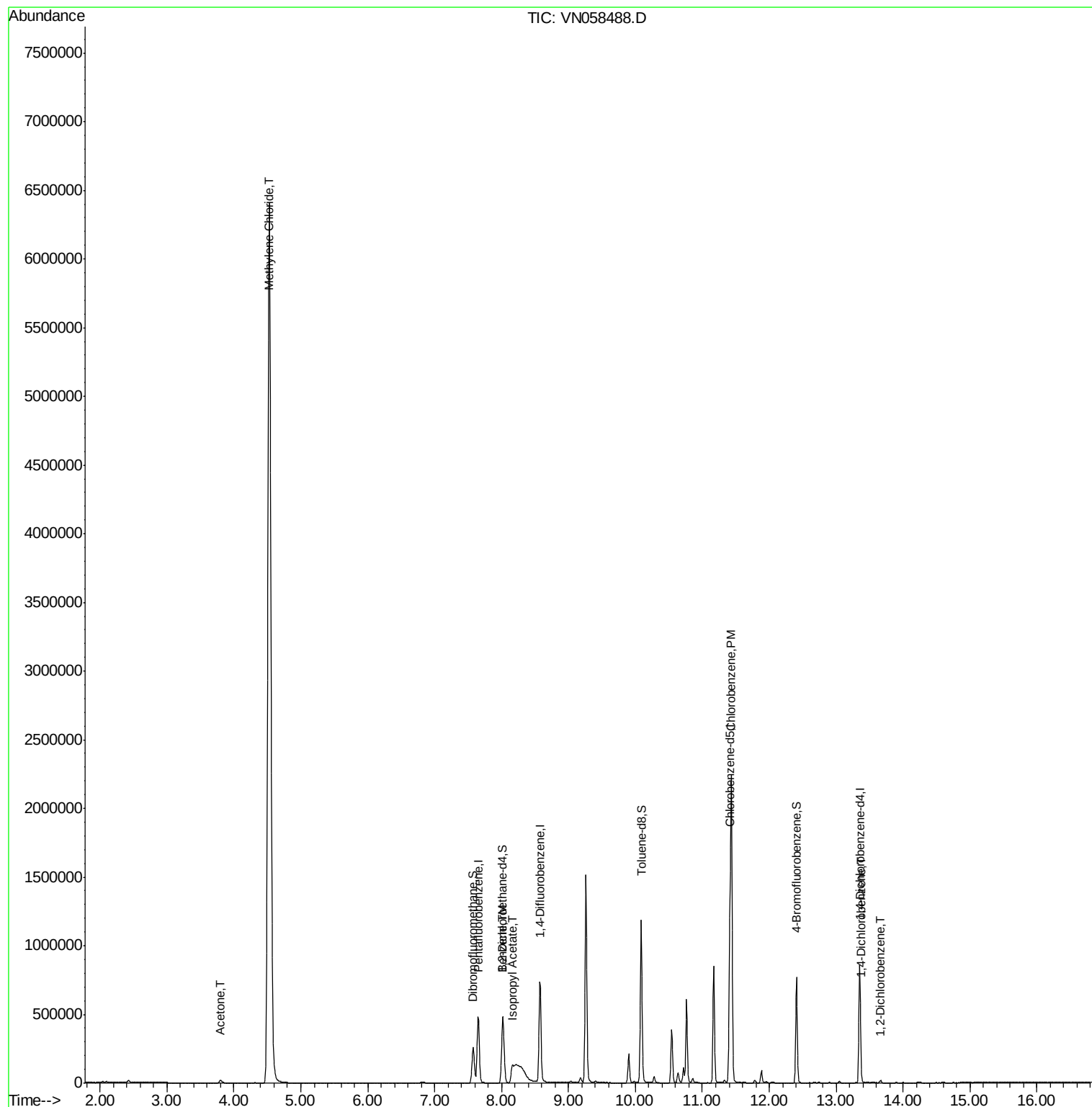
					Qvalue
16) Acetone	3.80	43	39334	21.228	ug/l 97
20) Methylene Chloride	4.53	84	4877637	1140.673	ug/l 90
40) Benzene	8.03	78	216917	12.562	ug/l 97
43) Isopropyl Acetate	8.16	43	185195	19.336	ug/l # 83
65) Chlorobenzene	11.44	112	1122728	104.144	ug/l 99
88) 1,4-Dichlorobenzene	13.37	146	16444	2.510	ug/l 90
91) 1,2-Dichlorobenzene	13.66	146	6958	1.100	ug/l 97

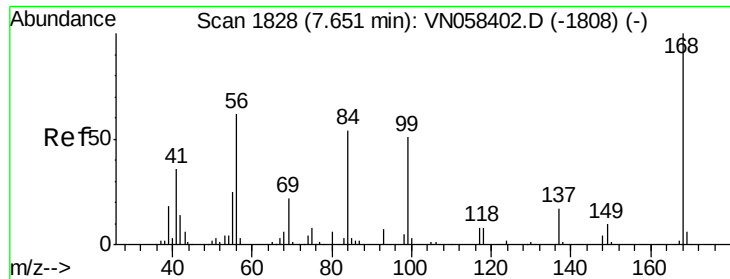
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100219\
Data File : VN058488.D
Acq On : 2 Oct 2019 20:20
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Sample : K5095-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

Quant Time: Oct 03 05:58:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

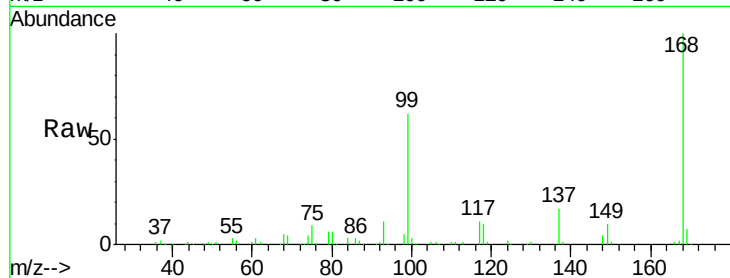
COMPOSITE-1

Tot Ion:168 Resp: 371961

Ion Ratio Lower Upper

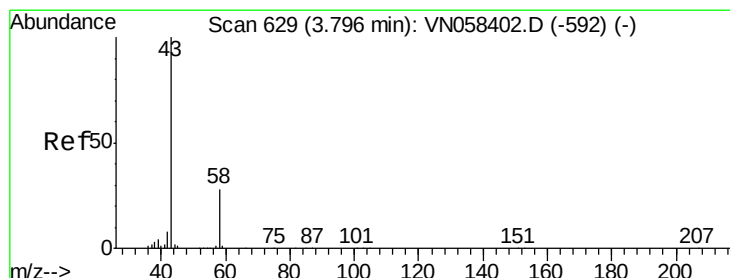
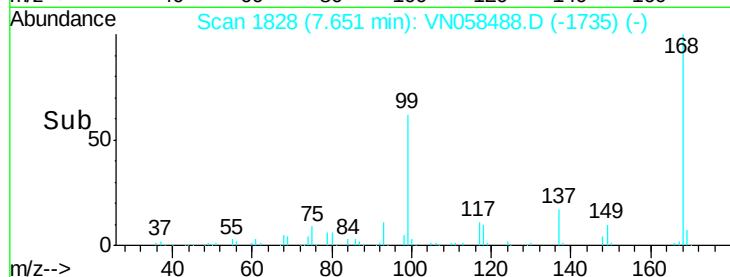
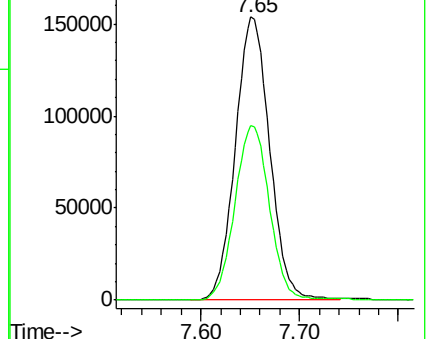
168 100

99 61.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 21.228 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058488.D

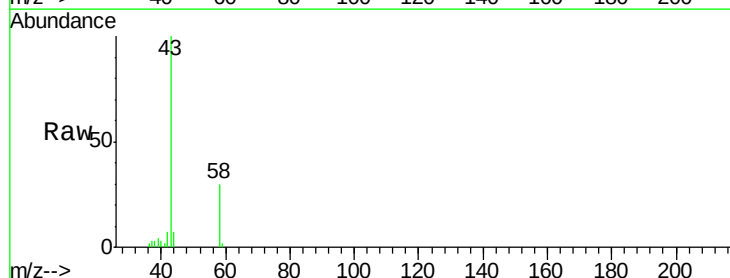
Acq: 2 Oct 2019 20:20

Tgt Ion: 43 Resp: 39334

Ion Ratio Lower Upper

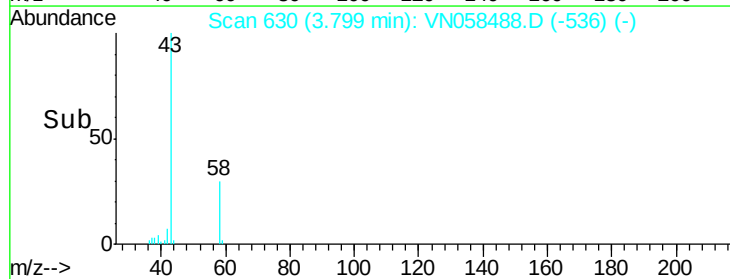
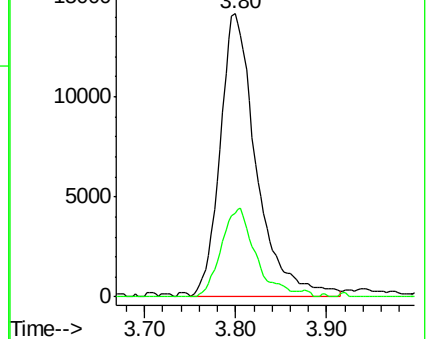
43 100

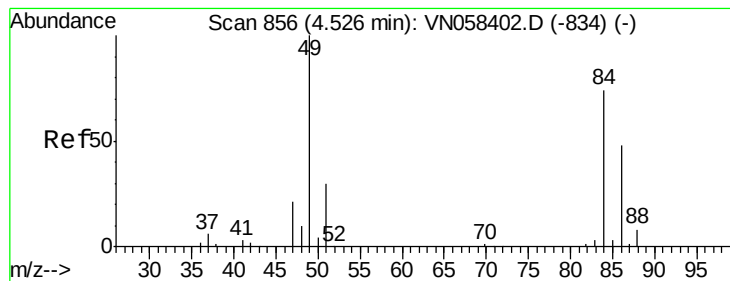
58 29.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1140.673 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-1

Tot Ion: 84 Resp: 4877637

Ion	Ratio	Lower	Upper
84	100		
49	119.8	107.9	161.9
51	45.9	32.8	49.2
86	69.8	51.5	77.3

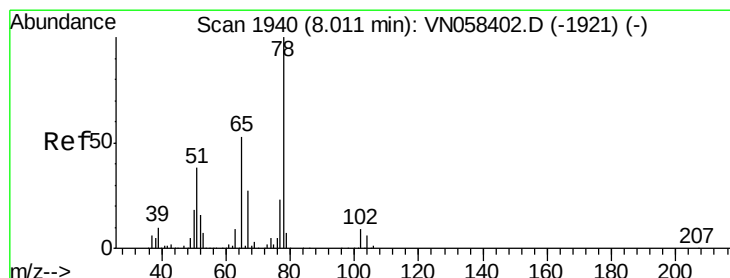
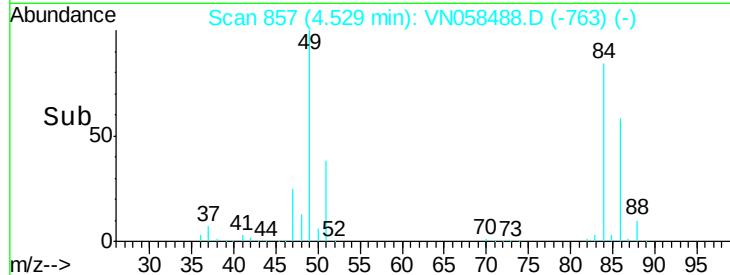
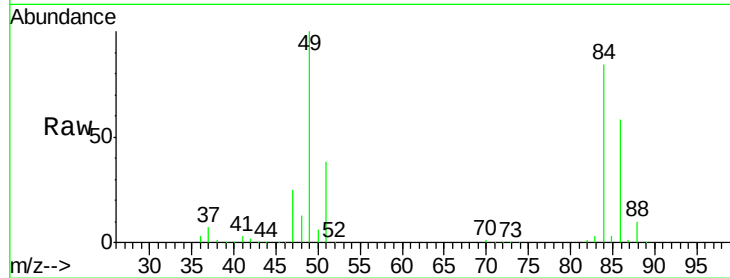
Abundance

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: 51.897 ug/l

RT: 8.01 min Scan# 1941

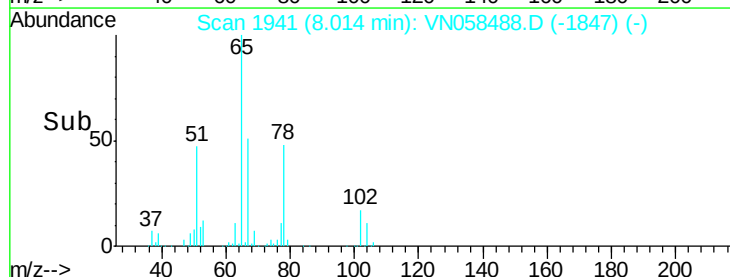
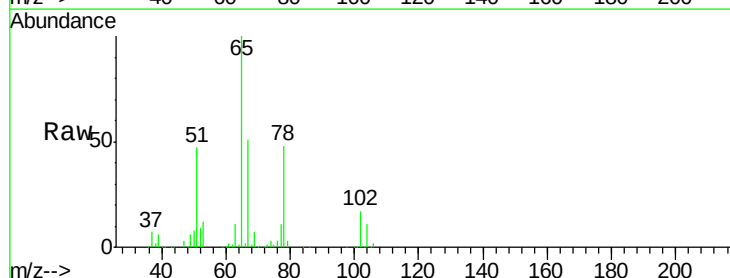
Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Tgt Ion: 65 Resp: 282090

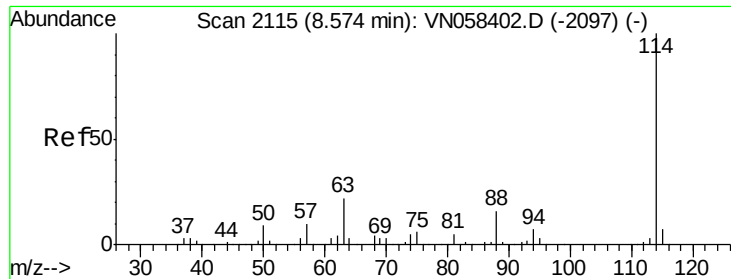
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.4



Abundance

Ion 64.90 (64.60 to 65.60): VN0

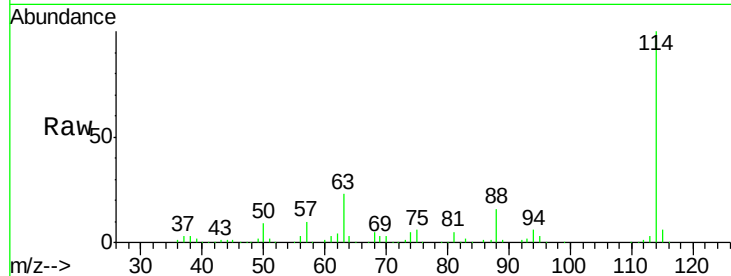
Ion 66.90 (66.60 to 67.60): VN0



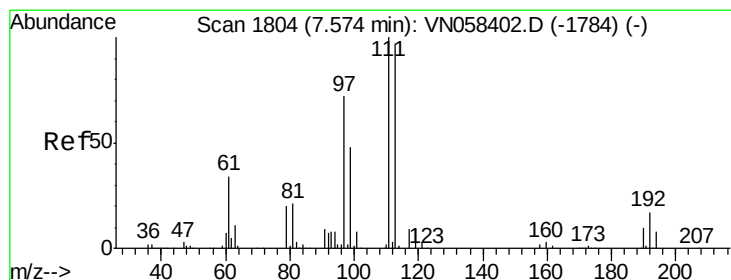
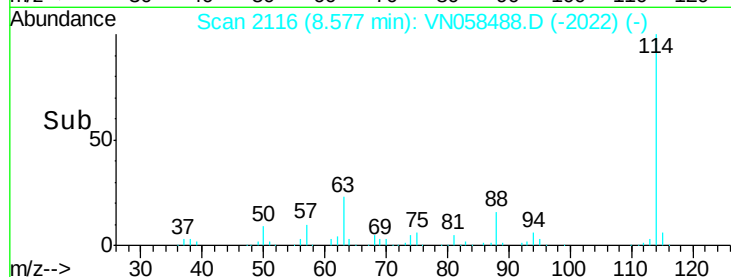
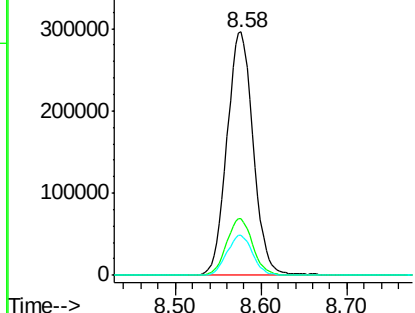
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

Tot Ion:114 Resp: 628255
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.5 0.0 32.2

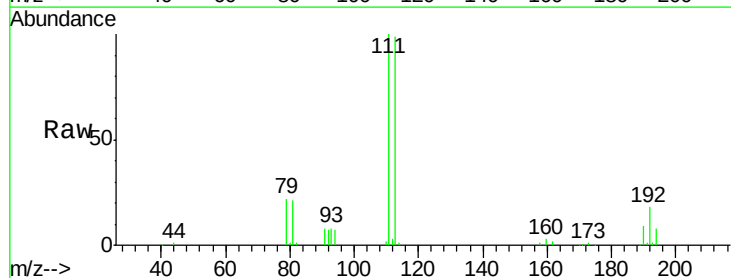


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

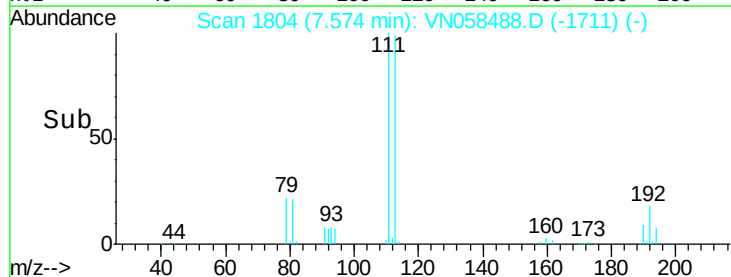
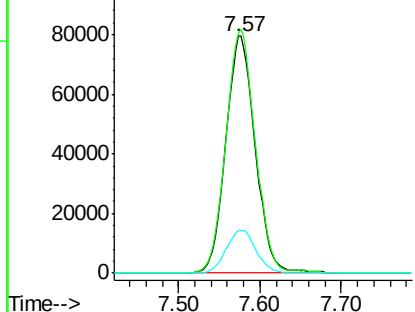


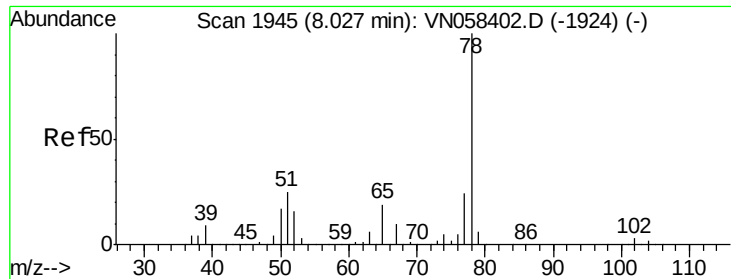
#35
 Dibromofluoromethane
 Concen: 52.314 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058488.D
 Acq: 2 Oct 2019 20:20

Tgt Ion:113 Resp: 201437
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 18.3 14.9 22.3



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





#40

Benzene

Concen: 12.562 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

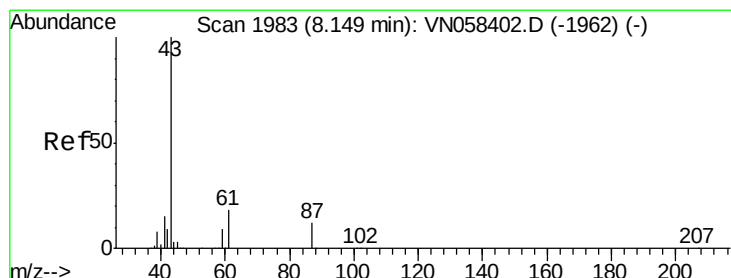
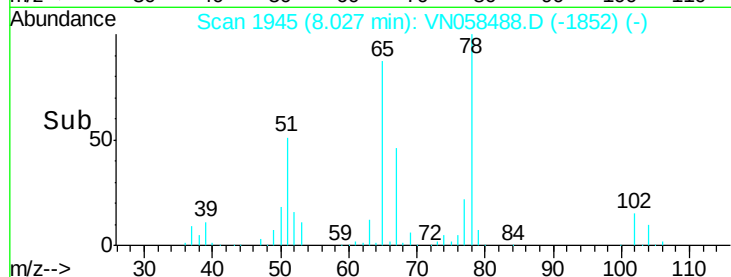
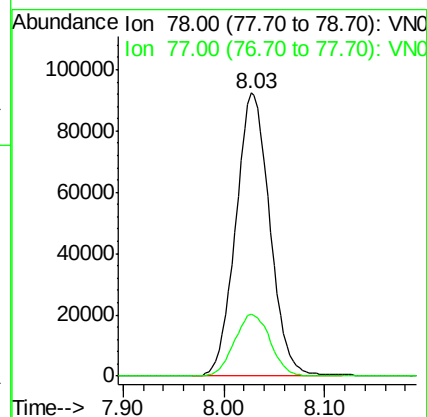
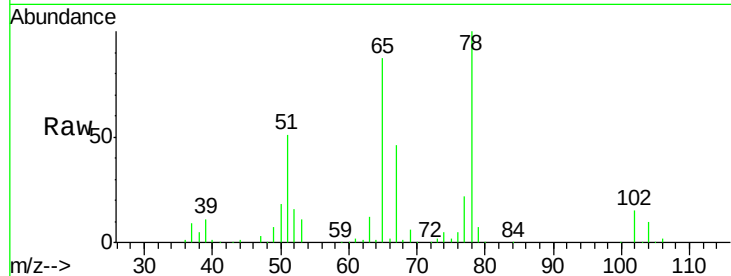
COMPOSITE-1

Tot Ion: 78 Resp: 216917

Ion Ratio Lower Upper

78 100

77 21.9 18.9 28.3



#43

Isopropyl Acetate

Concen: 19.336 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

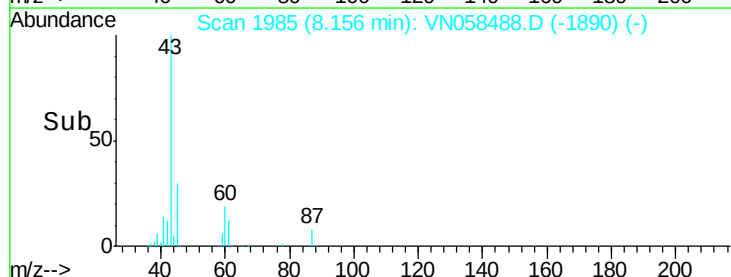
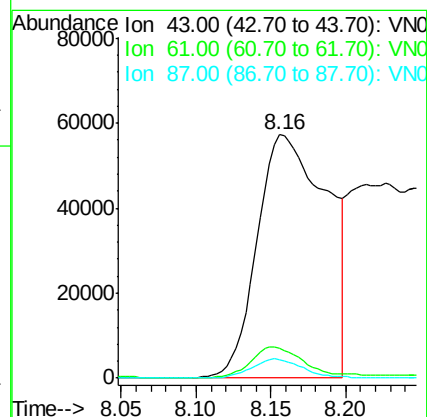
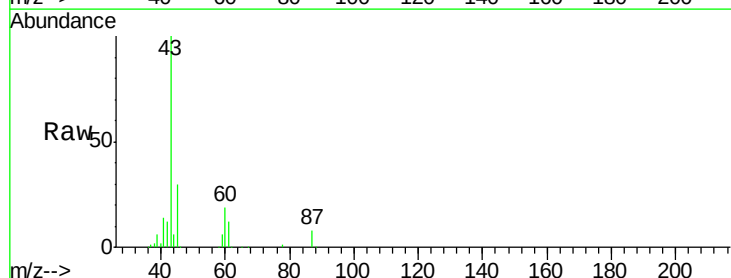
Tgt Ion: 43 Resp: 185195

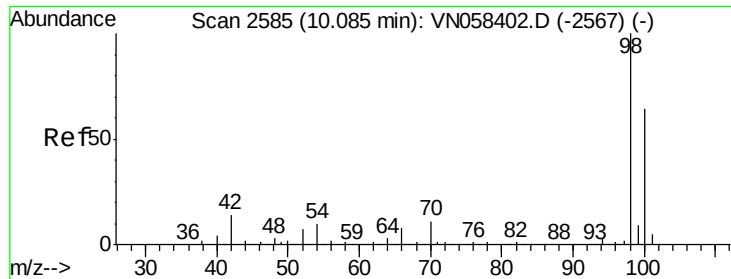
Ion Ratio Lower Upper

43 100

61 10.8 14.8 22.2#

87 5.7 9.7 14.5#

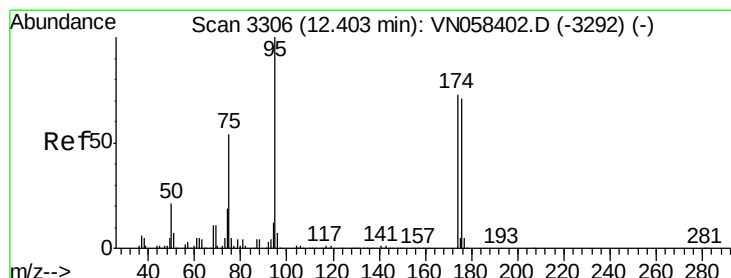
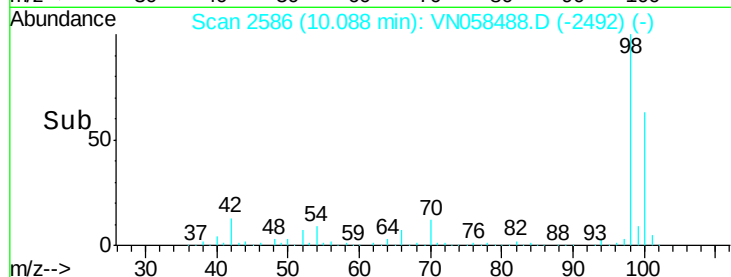
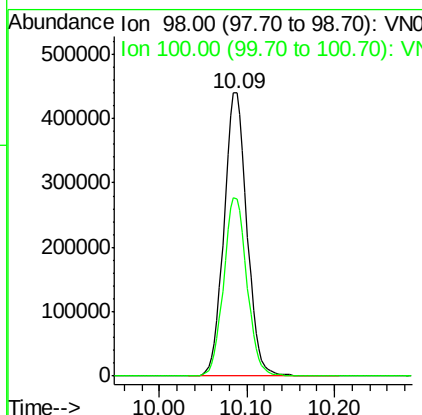
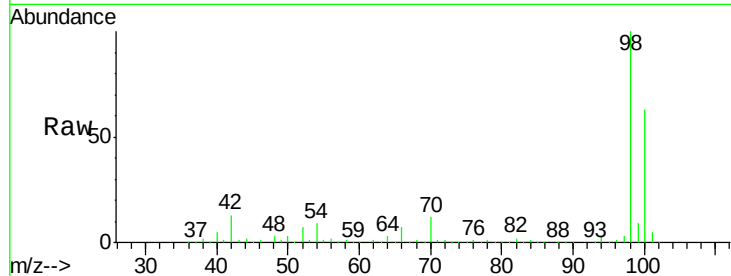




#50
Toluene-d8
Concen: 53.169 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

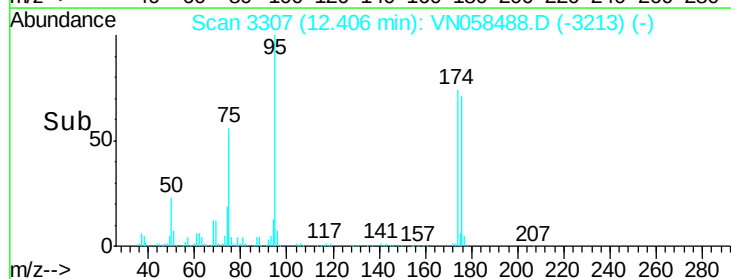
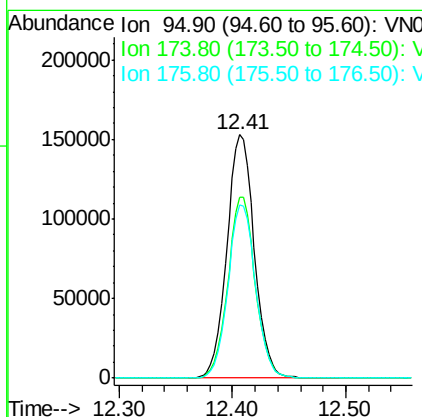
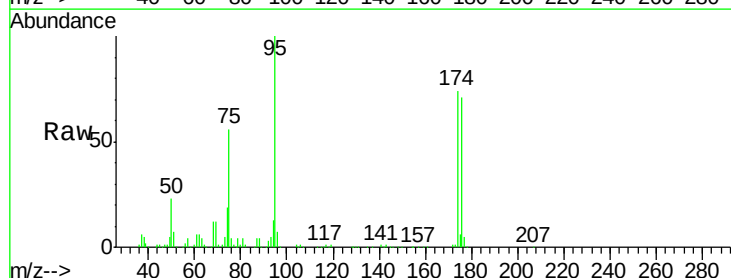
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-1

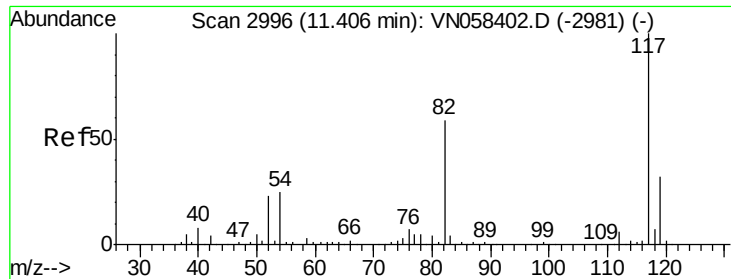
Tot Ion: 98 Resp: 802002
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion: 95 Resp: 257679
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 71.6 0.0 146.2

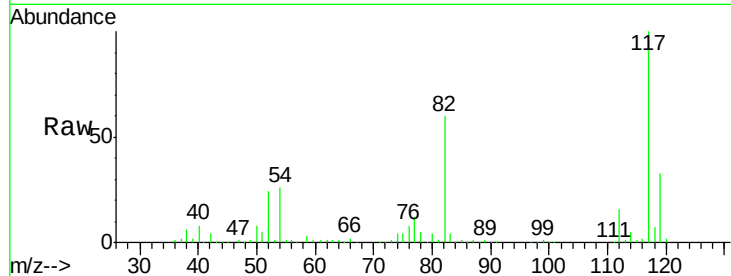




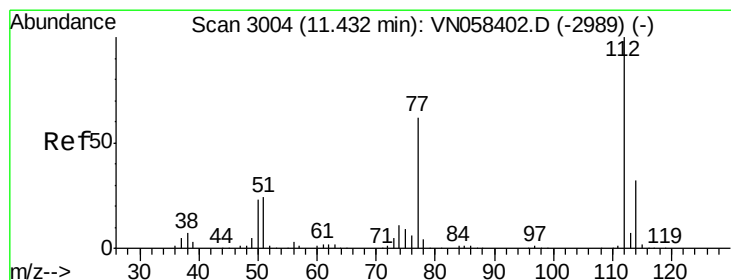
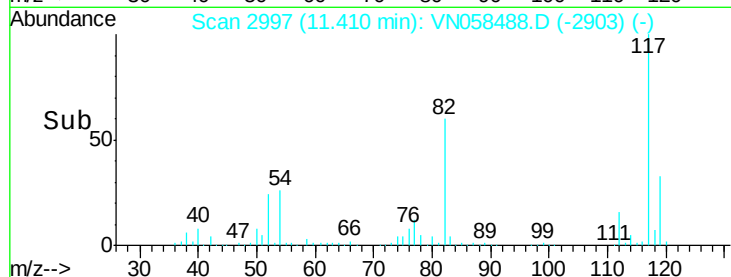
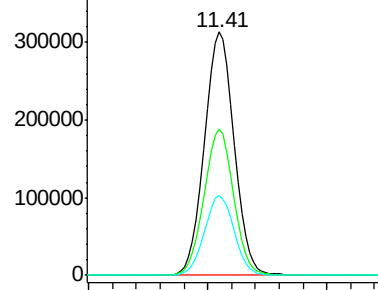
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

Tot Ion:117 Resp: 542342
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 32.6 25.5 38.3

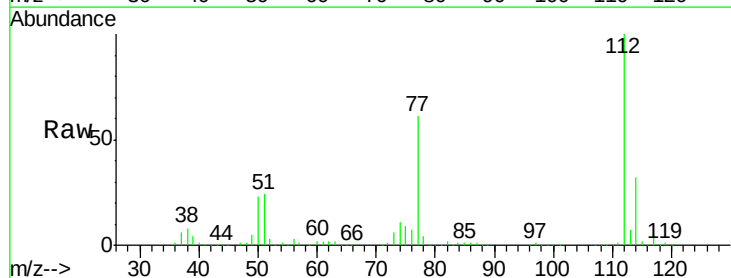


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

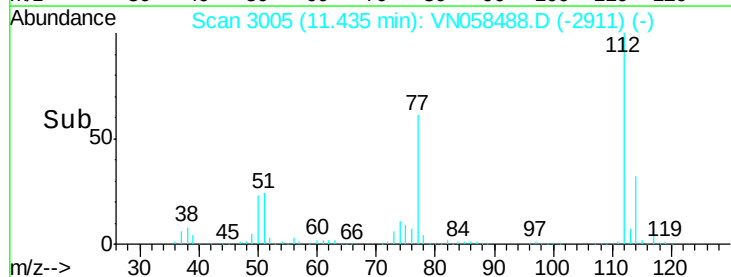
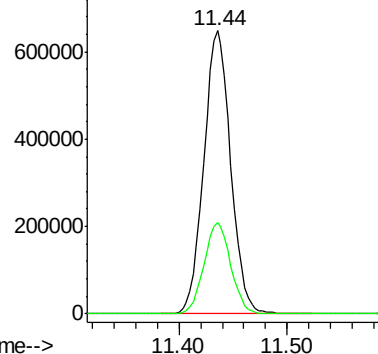


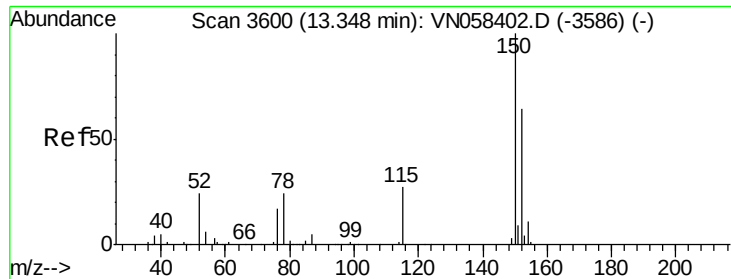
#65
Chlorobenzene
Concen: 104.144 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058488.D
Acq: 2 Oct 2019 20:20

Tgt Ion:112 Resp: 1122728
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-1

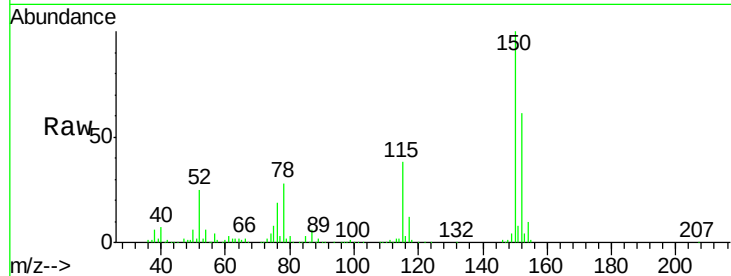
Tot Ion:152 Resp: 209551

Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

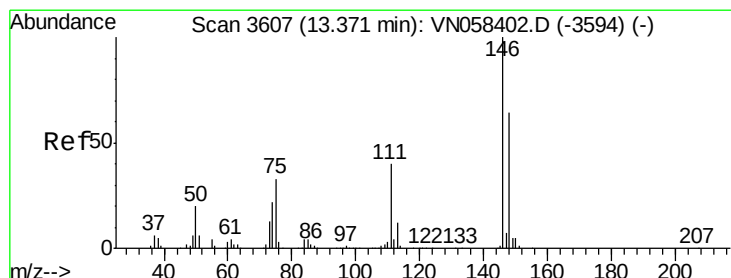
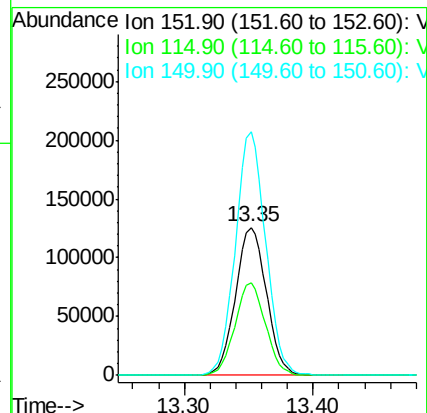
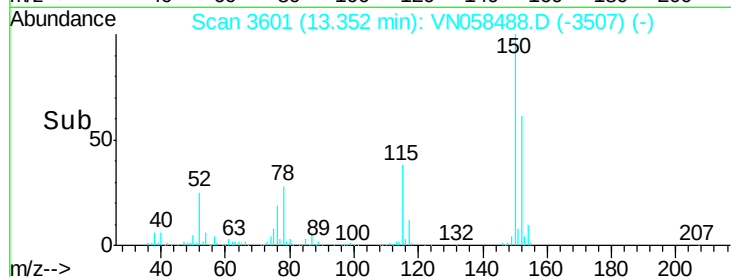
150 161.4 0.0 348.2



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



#88

1,4-Dichlorobenzene

Concen: 2.510 ug/l

RT: 13.37 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

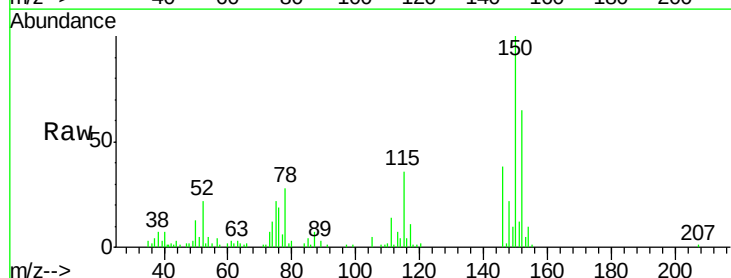
Tgt Ion:146 Resp: 16444

Ion Ratio Lower Upper

146 100

111 55.5 20.5 61.6

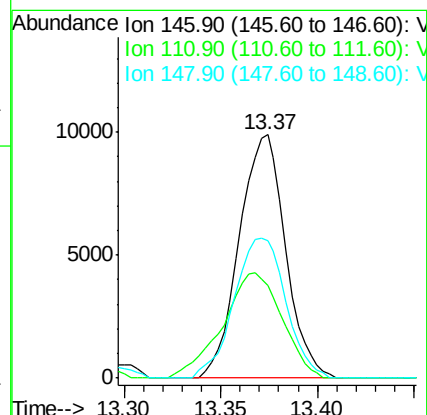
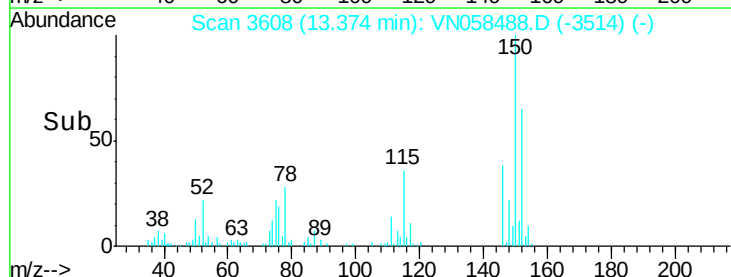
148 64.3 31.5 94.5

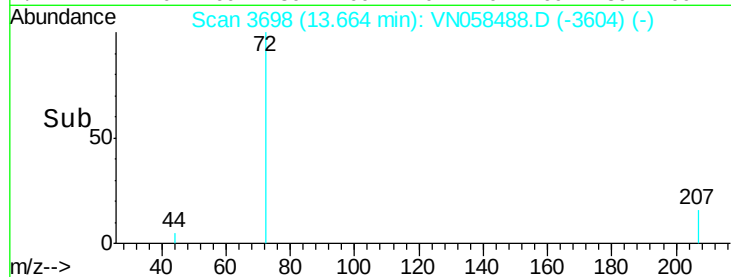
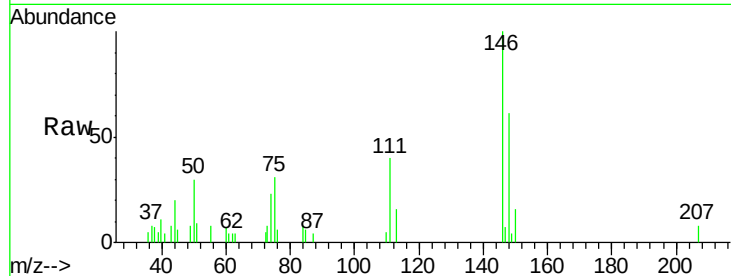
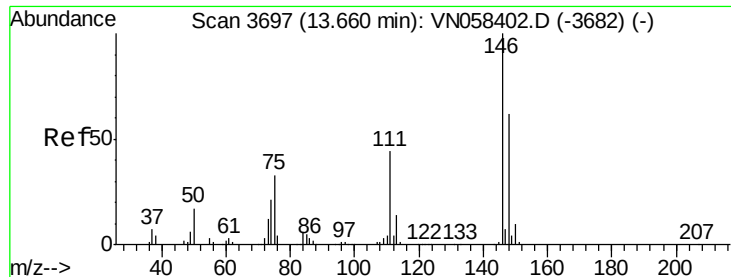


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.100 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058488.D

Acq: 2 Oct 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-1

Tot Ion:146 Resp: 6958

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

148 66.8 31.5 94.5

