

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063063.D
 Acq On : 21 Aug 2020 3:17
 Operator : JC/MD
 Sample : L3698-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0207

Quant Time: Aug 21 11:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

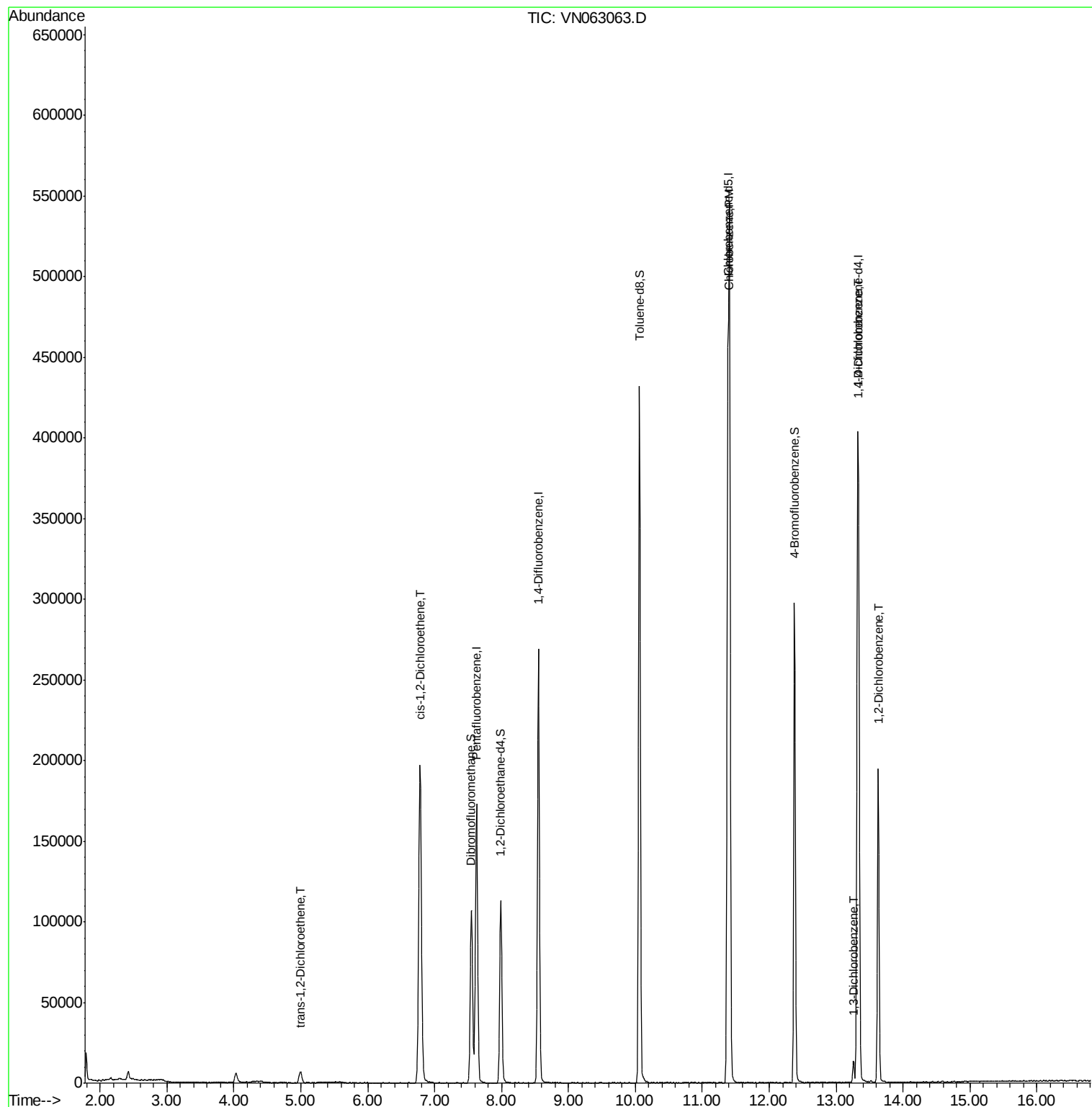
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	146279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95971	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	7.55	113	84152	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	10.06	98	307926	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	105675	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
21) trans-1,2-Dichloroethene	4.99	96	5045	3.882	ug/l	92
27) cis-1,2-Dichloroethene	6.78	96	136703	83.934	ug/l	90
65) Chlorobenzene	11.41	112	283751	57.022	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	6927	2.259	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	121188	38.937	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	90594	30.584	ug/l	99

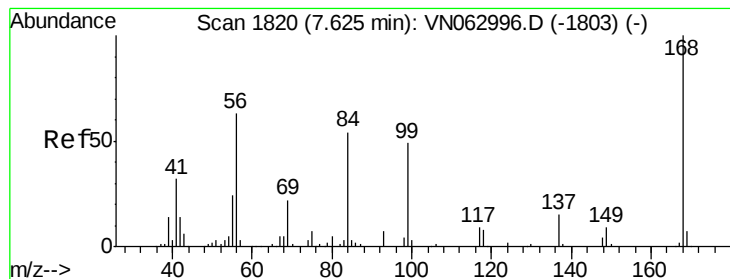
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063063.D
Acq On : 21 Aug 2020 3:17
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Quant Time: Aug 21 11:02:09 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

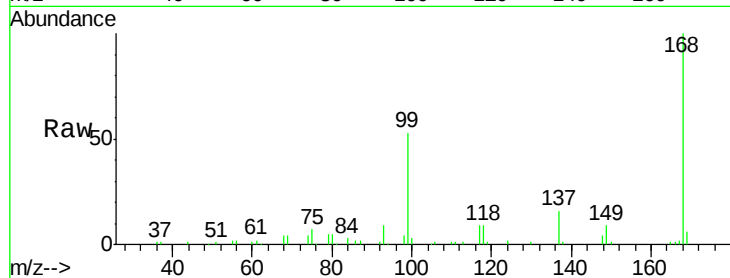
S39-0207

Tot Ion:168 Resp: 146279

Ion Ratio Lower Upper

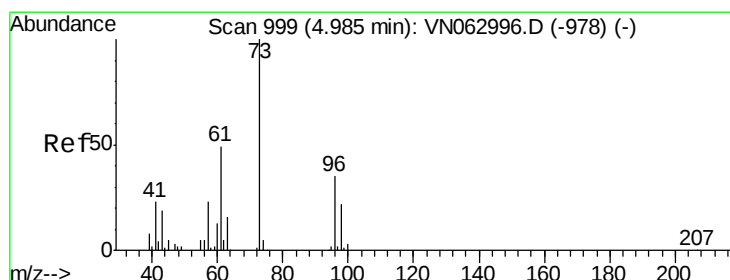
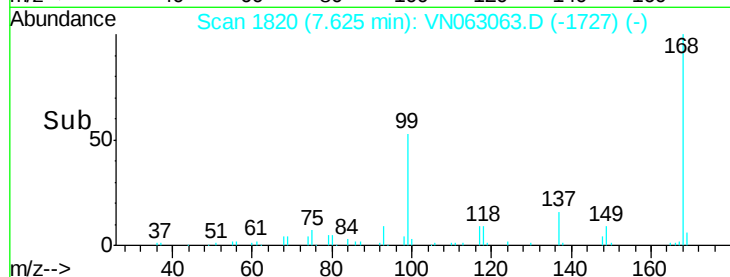
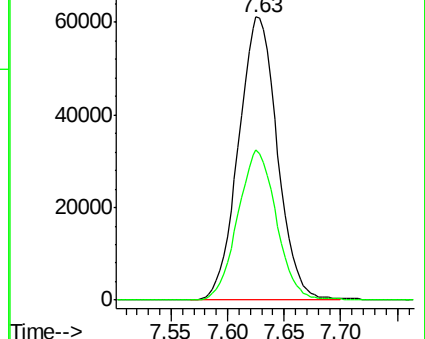
168 100

99 53.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#21

trans-1,2-Dichloroethene

Concen: 3.882 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

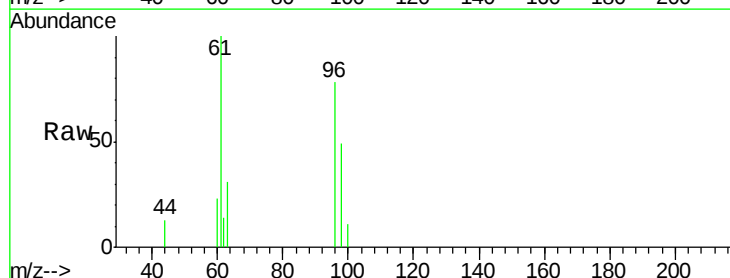
Tgt Ion: 96 Resp: 5045

Ion Ratio Lower Upper

96 100

61 127.6 112.5 168.7

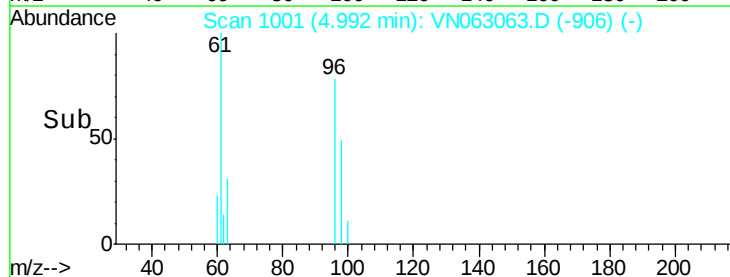
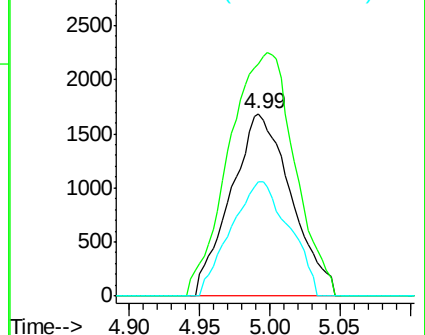
98 62.5 49.4 74.0

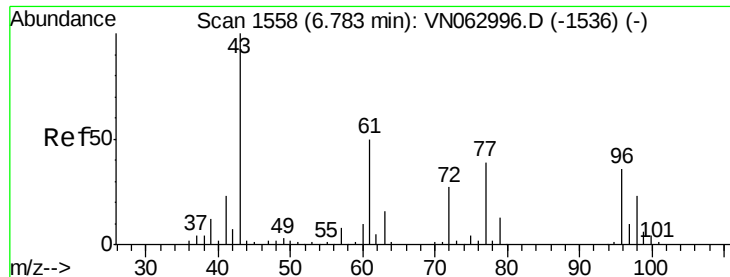


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 83.934 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

S39-0207

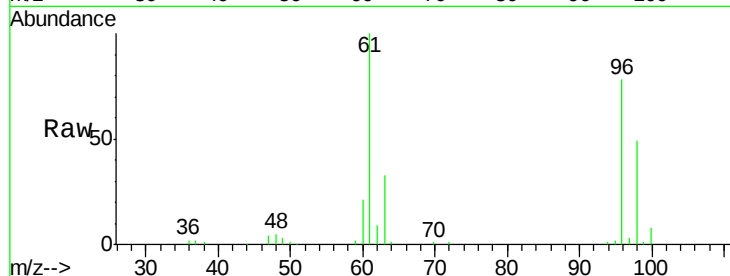
Tot Ion: 96 Resp: 136703

Ion Ratio Lower Upper

96 100

61 129.0 0.0 292.8

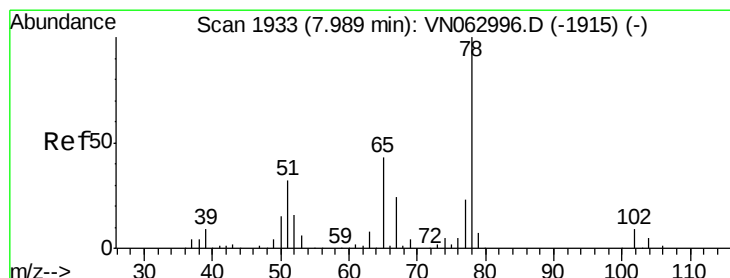
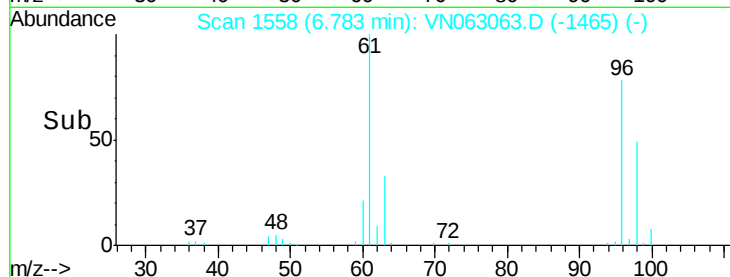
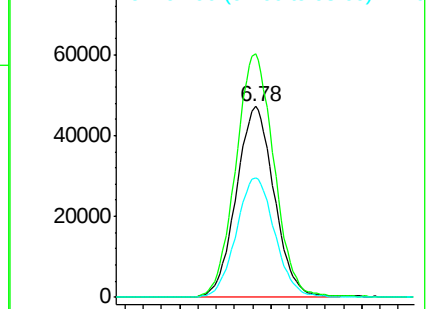
98 63.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.357 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063063.D

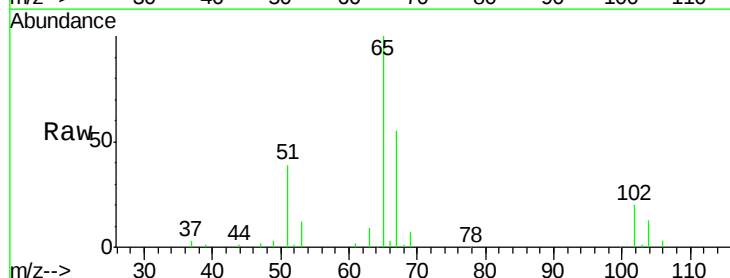
Acq: 21 Aug 2020 3:17

Tgt Ion: 65 Resp: 95971

Ion Ratio Lower Upper

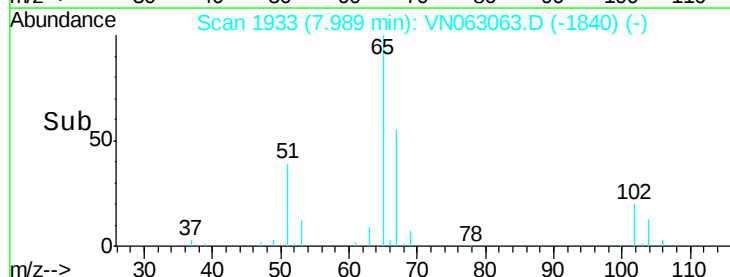
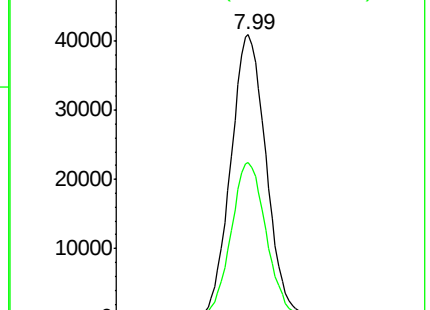
65 100

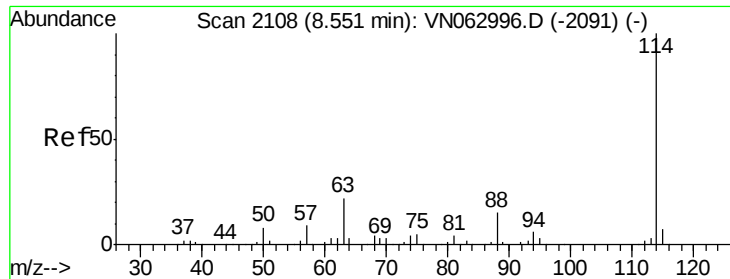
67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

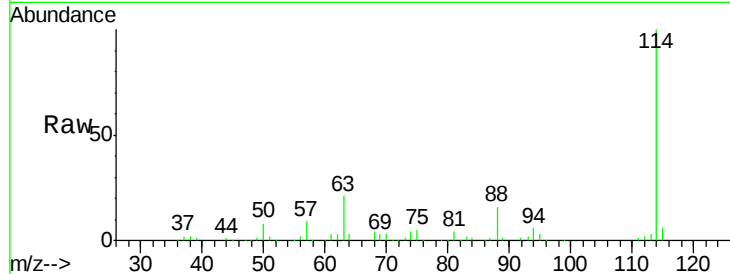




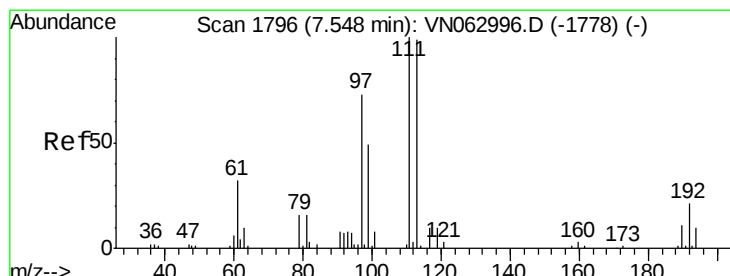
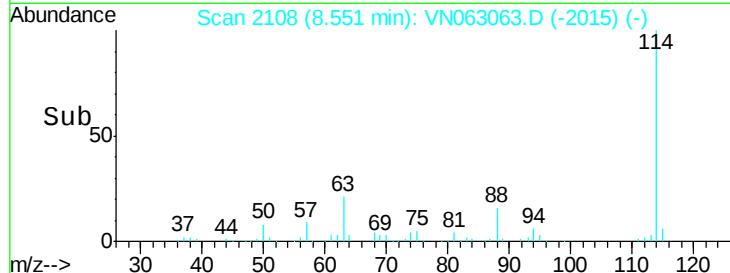
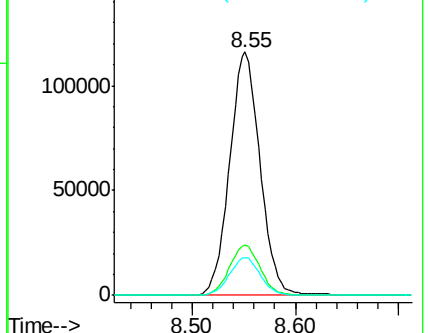
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063063.D
 Acq: 21 Aug 2020 3:17

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0207

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.7	0.0	30.6

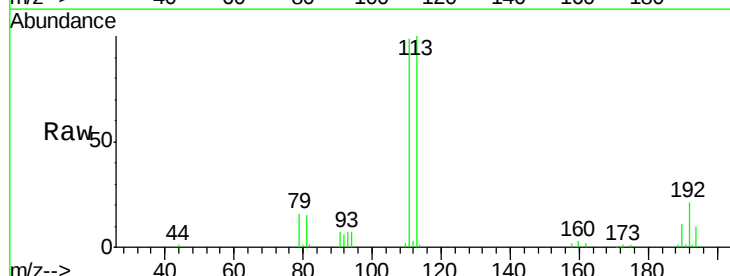


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

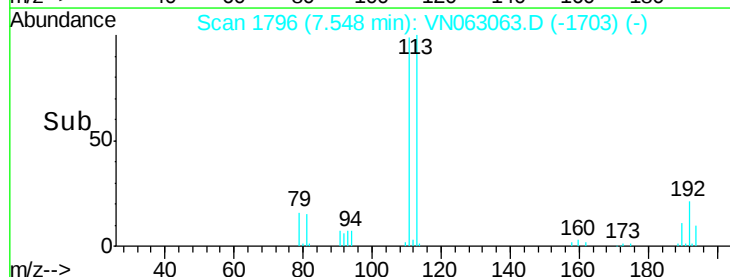
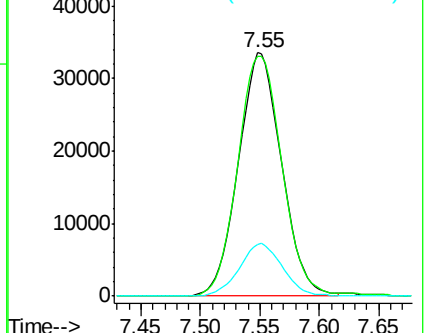


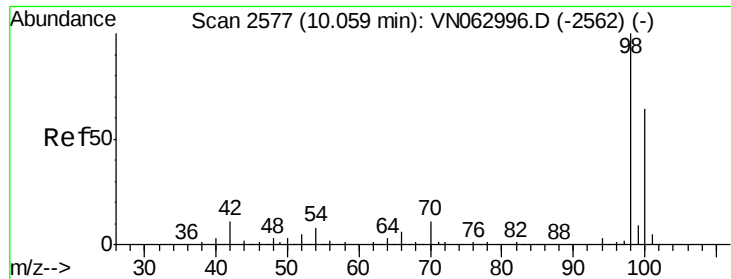
#35
 Dibromofluoromethane
 Concen: 54.078 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063063.D
 Acq: 21 Aug 2020 3:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	21.5	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





#50

Toluene-d8

Concen: 51.517 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

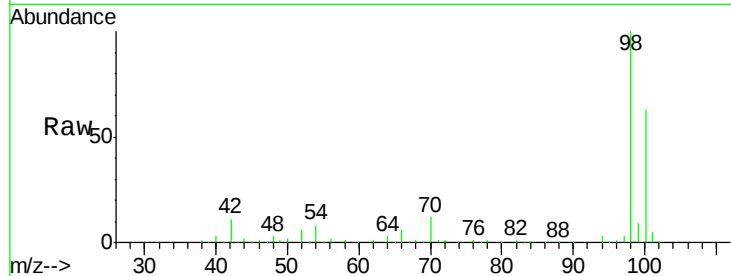
S39-0207

Tot Ion: 98 Resp: 307926

Ion Ratio Lower Upper

98 100

100 62.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

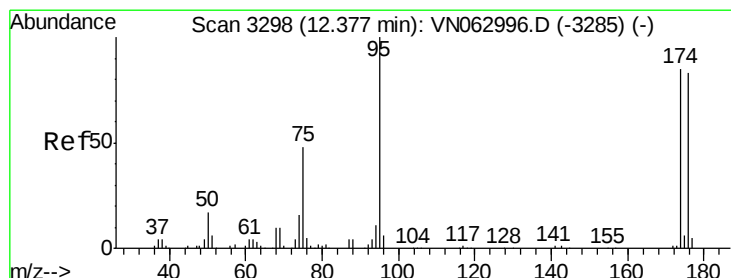
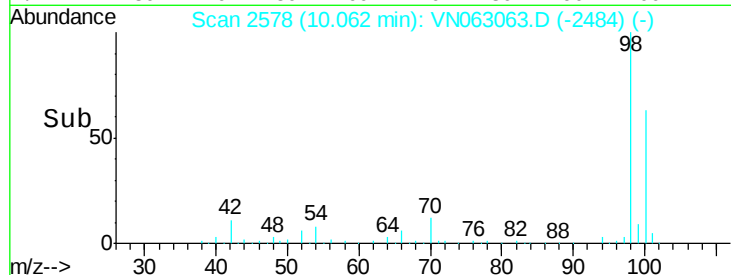
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.101 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

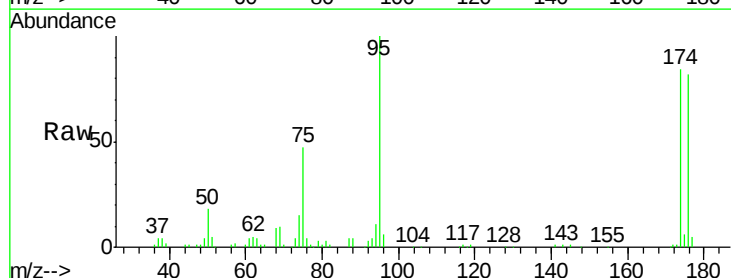
Tgt Ion: 95 Resp: 105675

Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.8

176 82.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

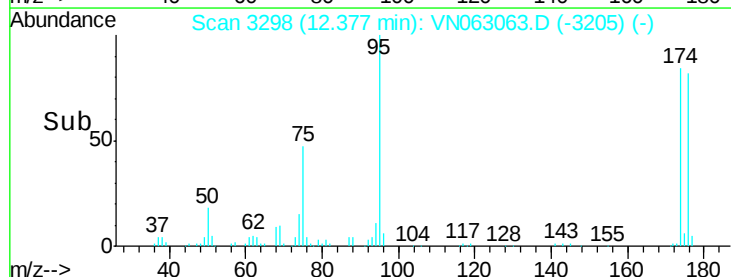
60000

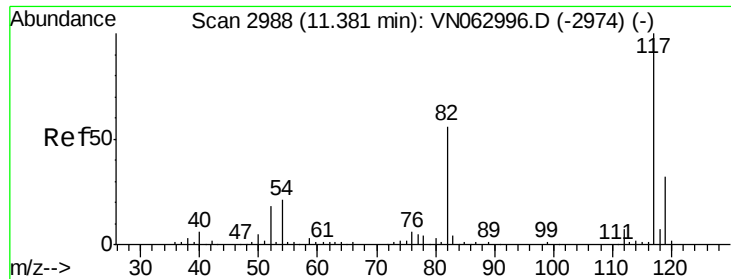
40000

20000

0

Time-->

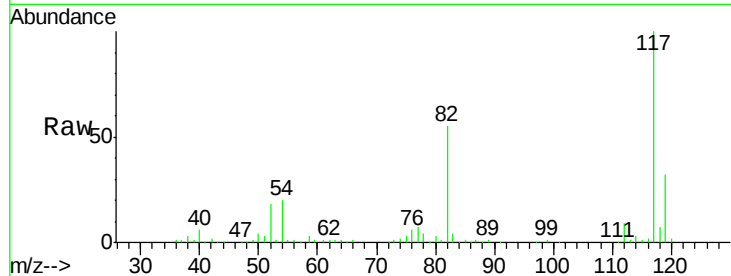




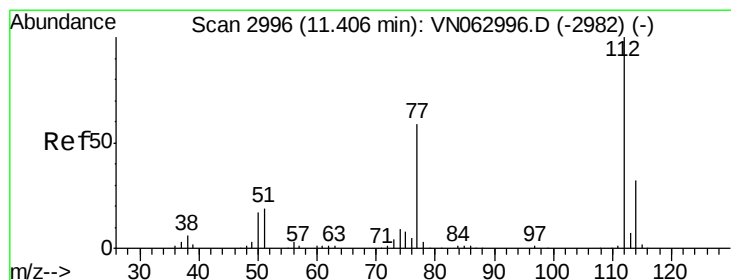
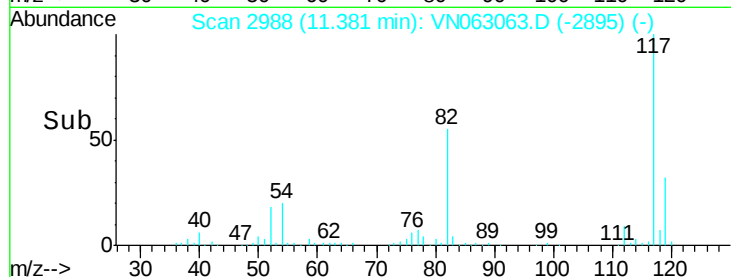
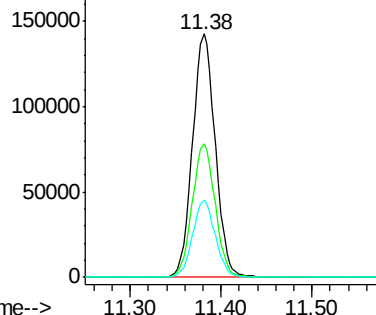
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063063.D
Acq: 21 Aug 2020 3:17

Instrument :
MSVOA_N
ClientSampleId :
S39-0207

Tot Ion:117 Resp: 247770
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 31.5 25.5 38.3

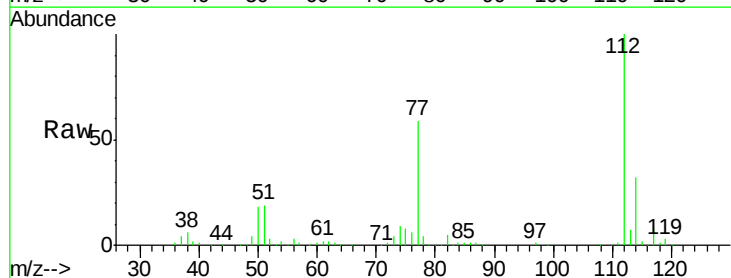


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

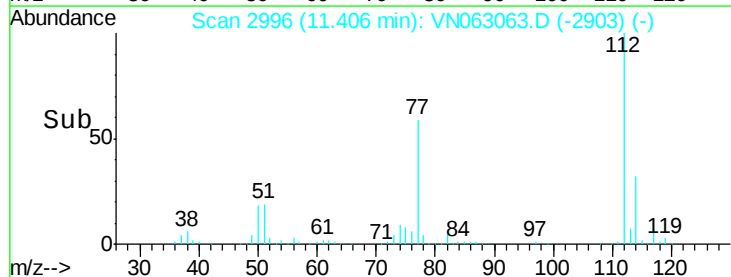
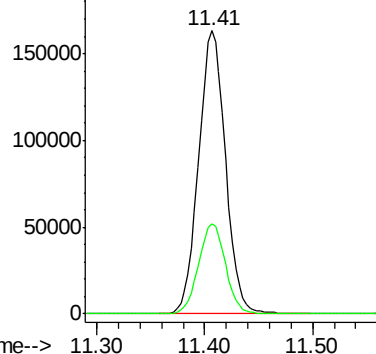


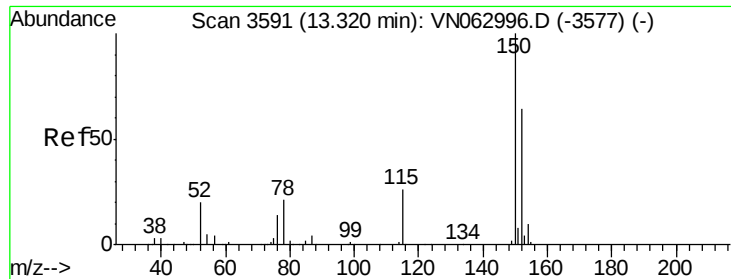
#65
Chlorobenzene
Concen: 57.022 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063063.D
Acq: 21 Aug 2020 3:17

Tgt Ion:112 Resp: 283751
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

S39-0207

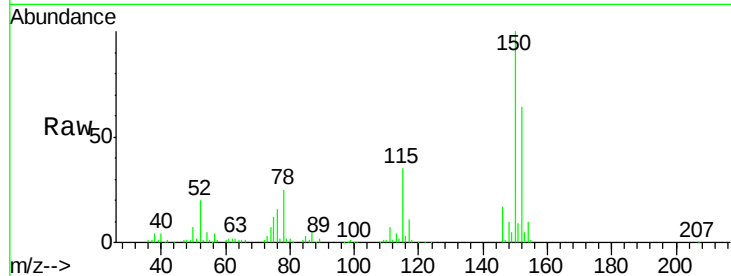
Tot Ion:152 Resp: 94739

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.3

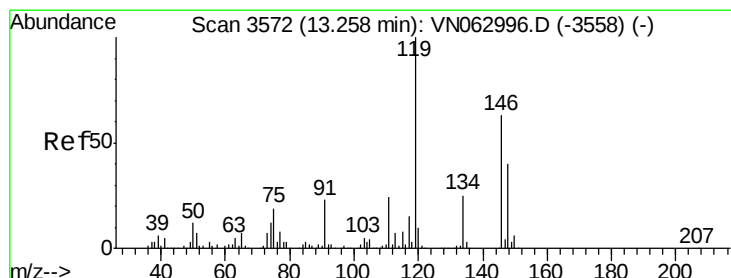
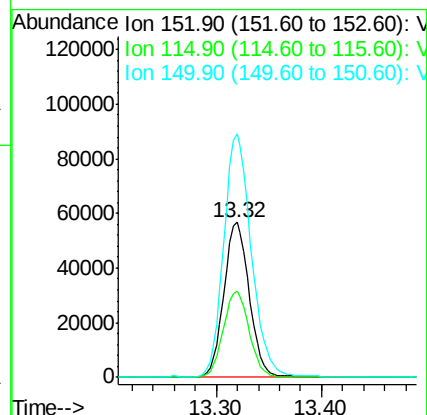
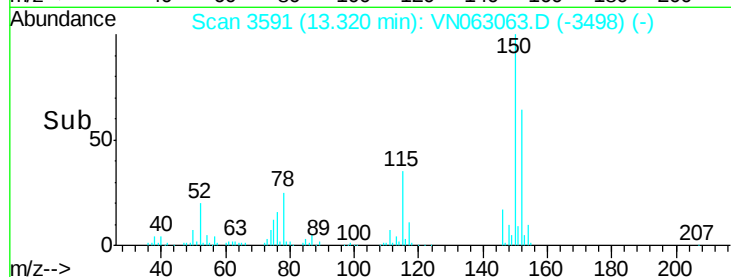
150 169.5 0.0 348.8



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



#87

1,3-Dichlorobenzene

Concen: 2.259 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN063063.D

Acq: 21 Aug 2020 3:17

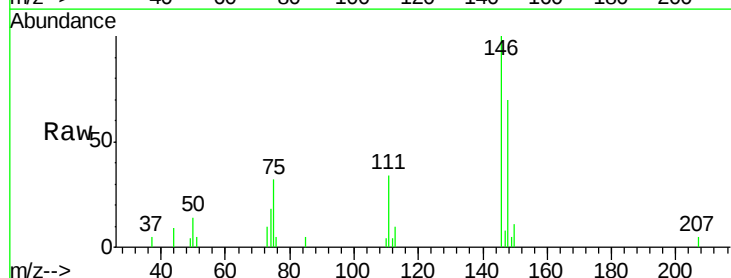
Tgt Ion:146 Resp: 6927

Ion Ratio Lower Upper

146 100

111 35.3 19.4 58.1

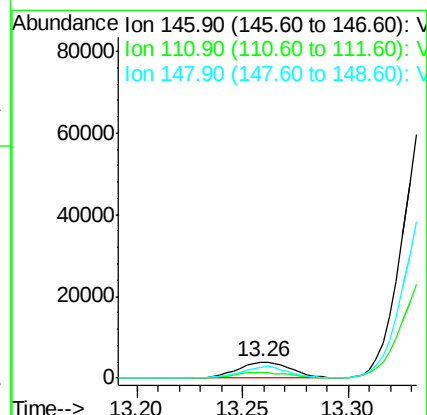
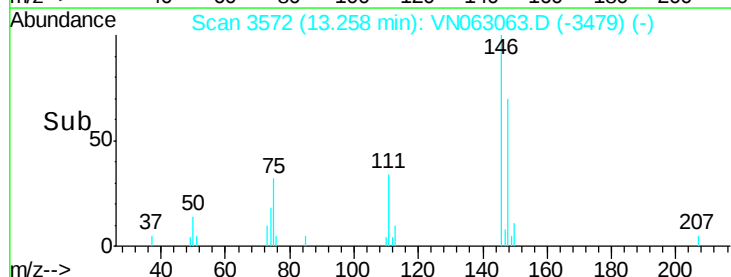
148 64.8 32.0 96.0

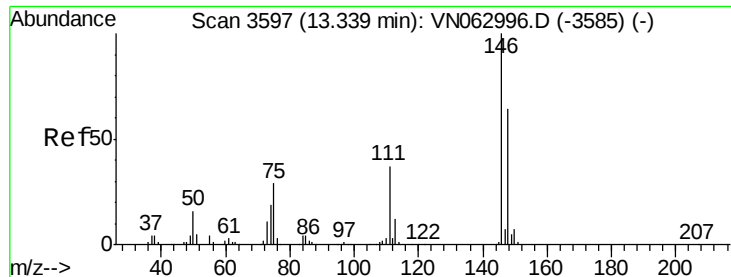


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

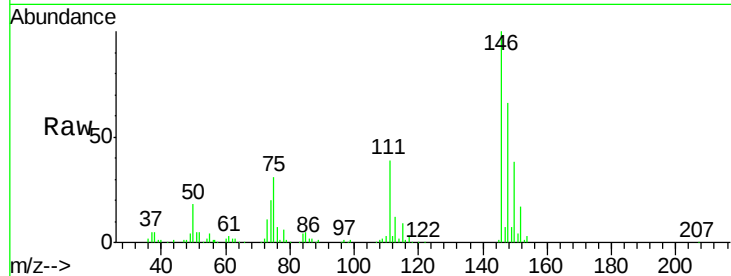




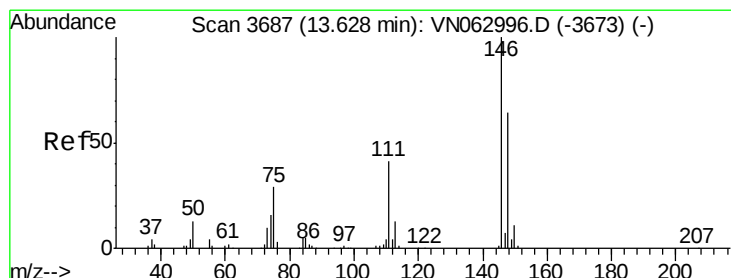
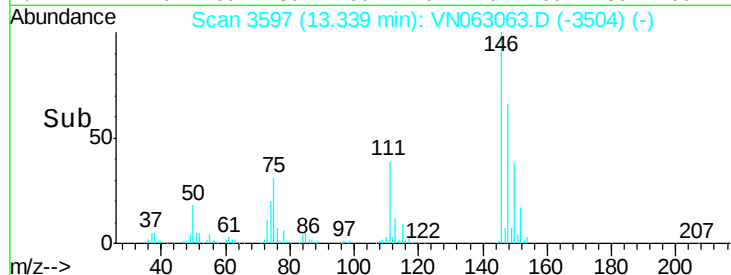
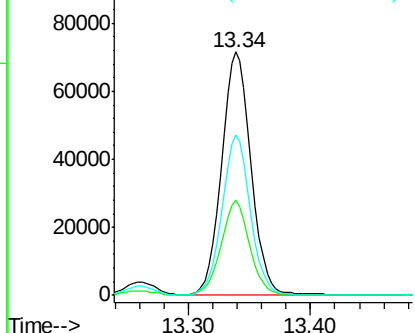
#88
 1,4-Dichlorobenzene
 Concen: 38.937 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063063.D
 Acq: 21 Aug 2020 3:17

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0207

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.4
148	64.0	32.4	97.0

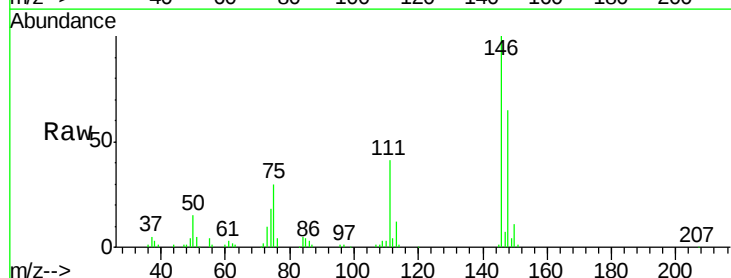


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#91
 1,2-Dichlorobenzene
 Concen: 30.584 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063063.D
 Acq: 21 Aug 2020 3:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	63.1	31.9	95.5



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

