

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061617.D
 Acq On : 2 Jun 2020 13:48
 Operator : JC/MD
 Sample : L2800-03DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW359-200527DL

Quant Time: Jun 03 07:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

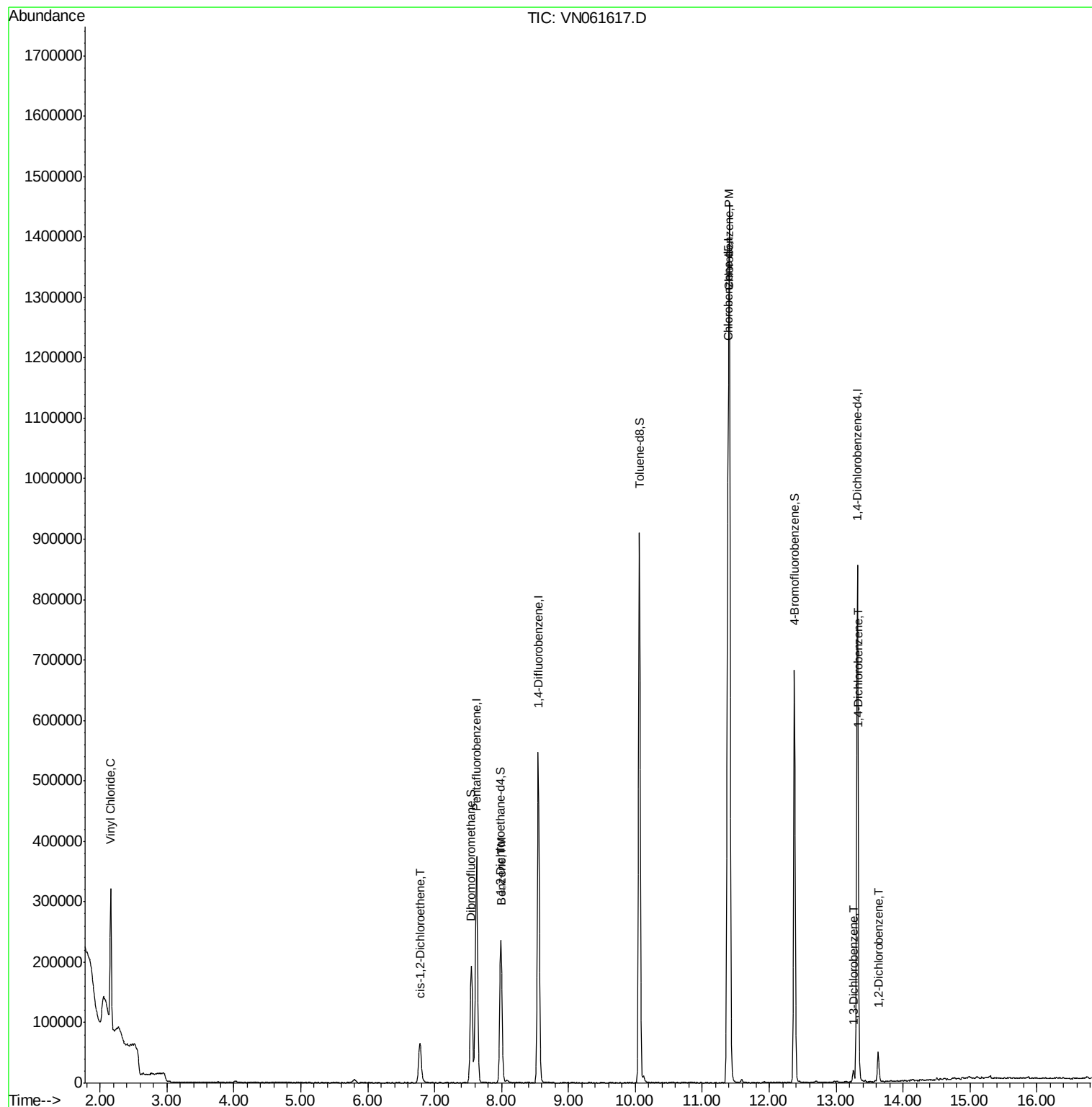
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	306098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	528848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180856	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	7.55	113	150915	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.06	98	644229	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.37	95	248503	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
Target Compounds						
4) Vinyl Chloride	2.16	62	200777	39.244	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	45087	11.288	ug/l	90
40) Benzene	8.00	78	46192	3.178	ug/l	97
65) Chlorobenzene	11.41	112	816132	74.242	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	8706	1.102	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	19043	2.367	ug/l	81
91) 1,2-Dichlorobenzene	13.62	146	21674	2.872	ug/l	95

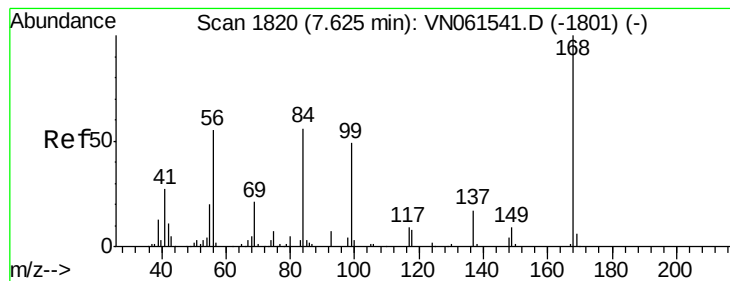
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060220\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 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: VN061617.D

Acq: 2 Jun 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

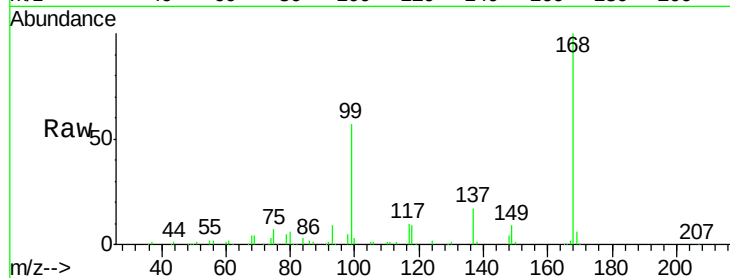
WP022MW359-200527DL

Tot Ion:168 Resp: 306098

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

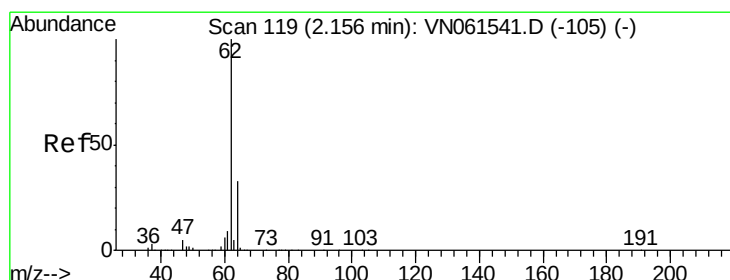
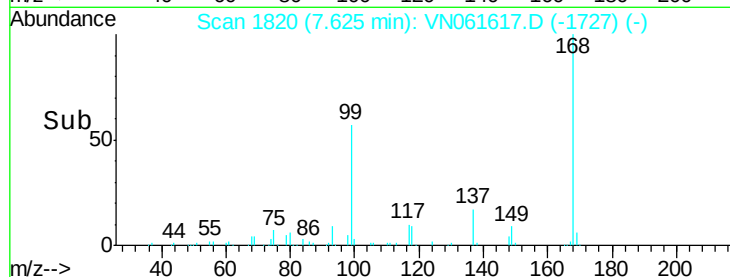
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 39.244 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061617.D

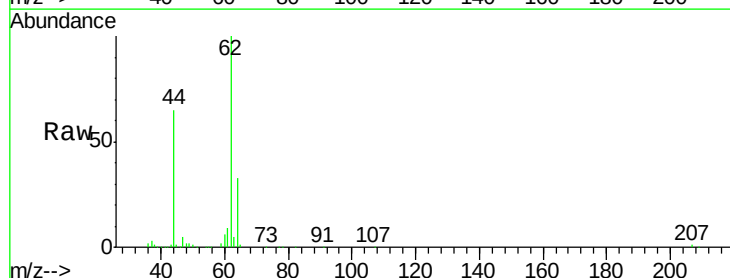
Acq: 2 Jun 2020 13:48

Tgt Ion: 62 Resp: 200777

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

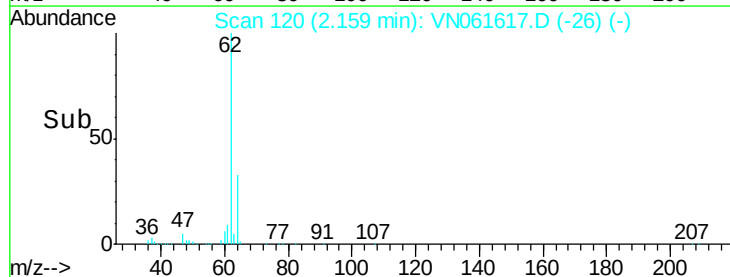
150000

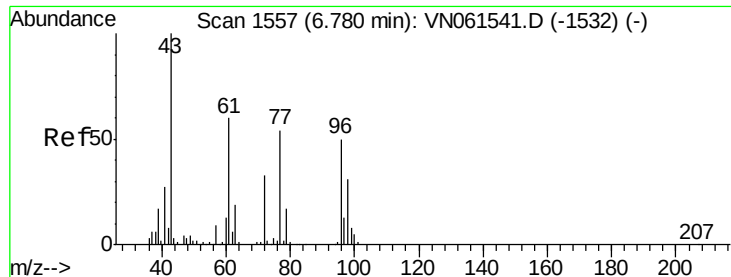
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 11.288 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061617.D

Acq: 2 Jun 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

WP022MW359-200527DL

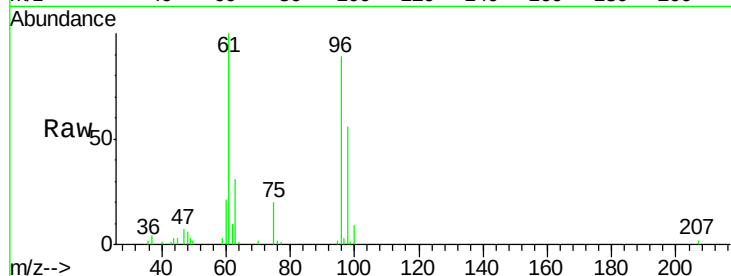
Tot Ion: 96 Resp: 45087

Ion Ratio Lower Upper

96 100

61 110.8 0.0 252.2

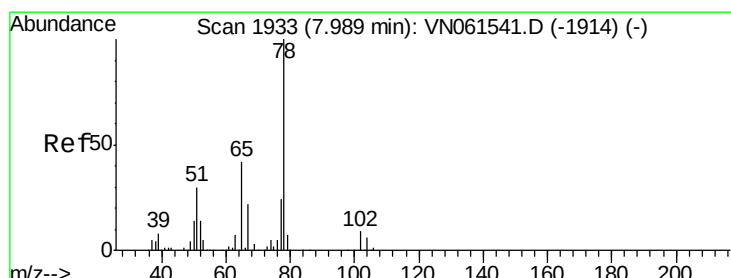
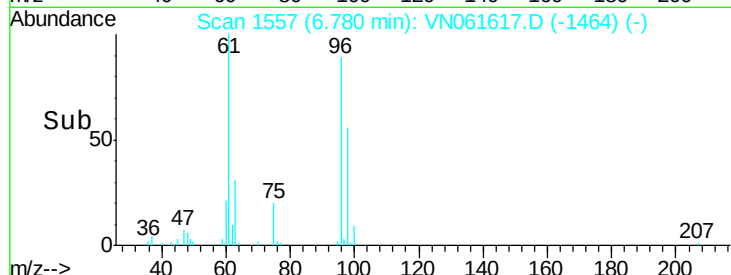
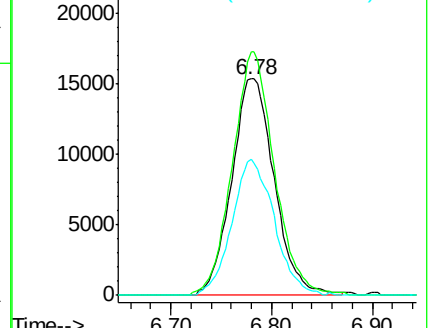
98 62.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061617.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061617.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061617.D (-1464) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061617.D

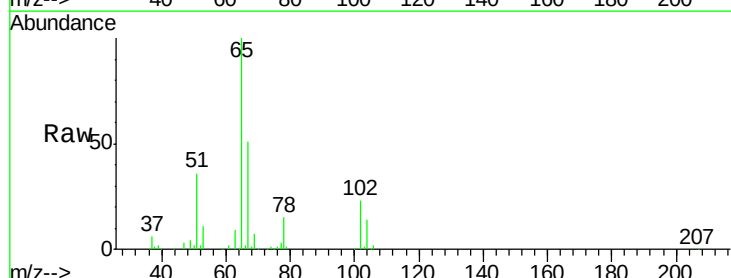
Acq: 2 Jun 2020 13:48

Tgt Ion: 65 Resp: 180856

Ion Ratio Lower Upper

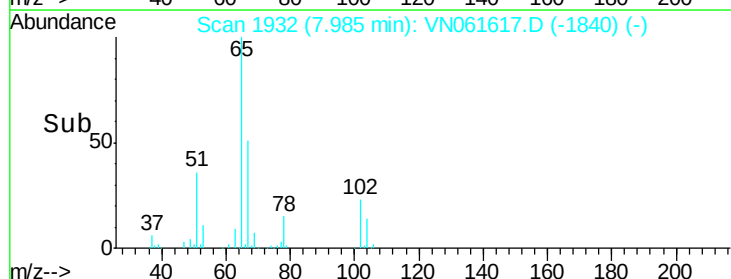
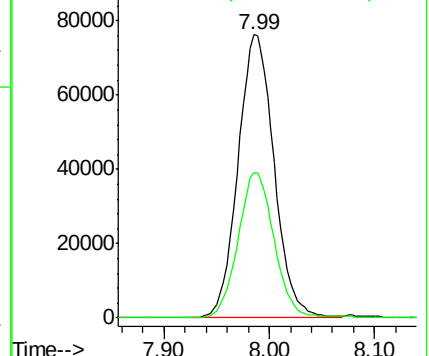
65 100

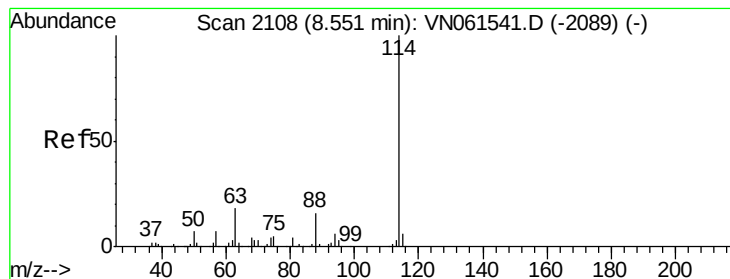
67 51.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061617.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061617.D (-1840) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061617.D

Acq: 2 Jun 2020 13:48

Instrument :

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ClientSampleId :

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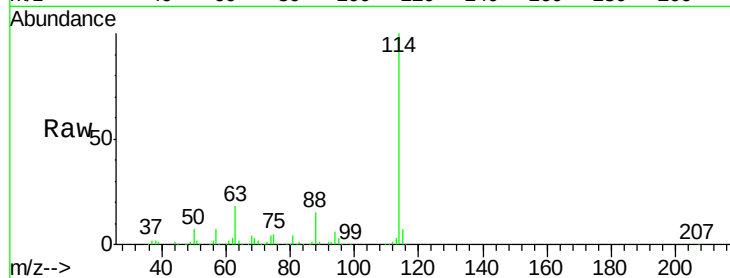
Tot Ion:114 Resp: 532095

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

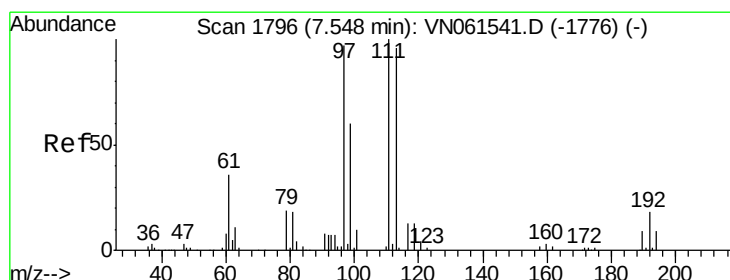
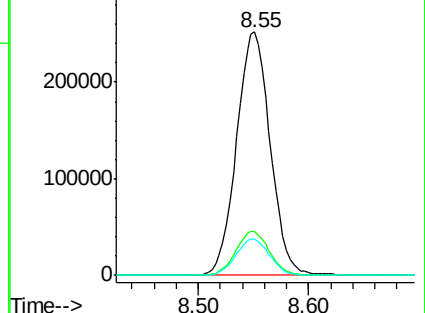
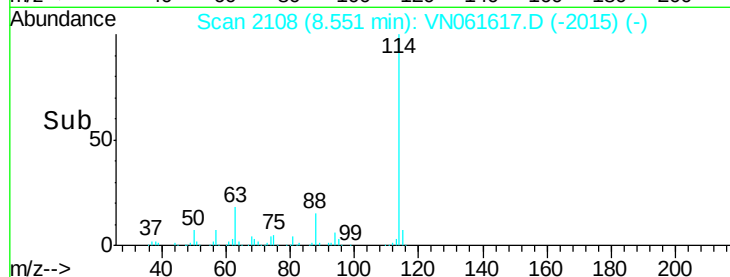
88 14.9 0.0 31.0



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: 55.911 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061617.D

Acq: 2 Jun 2020 13:48

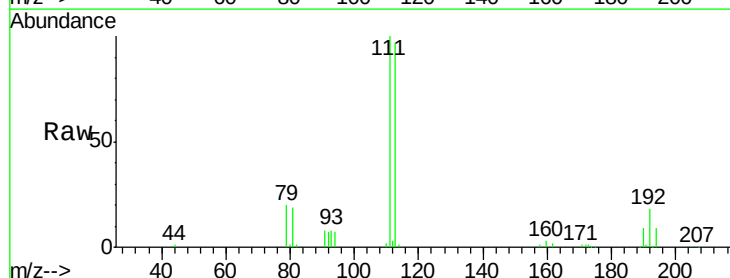
Tgt Ion:113 Resp: 150915

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.0

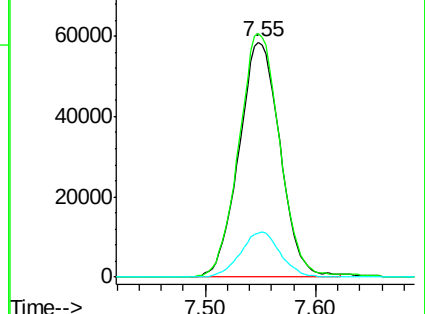
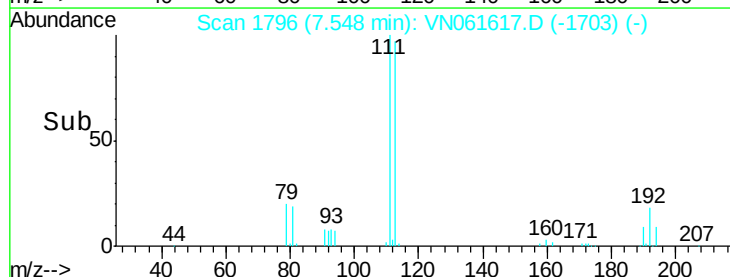
192 18.6 15.4 23.2

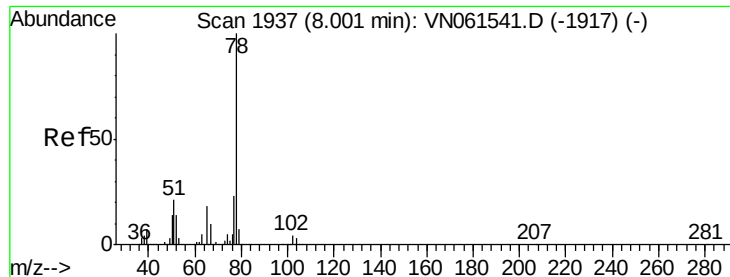


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.178 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061617.D

Acq: 2 Jun 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

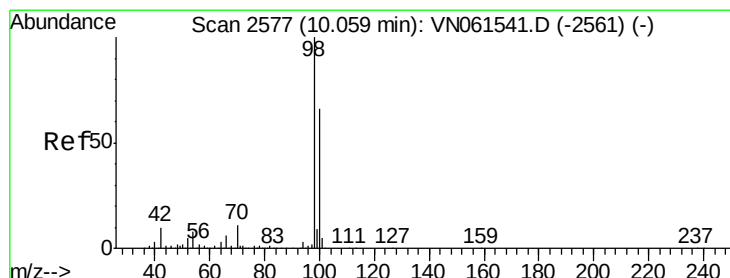
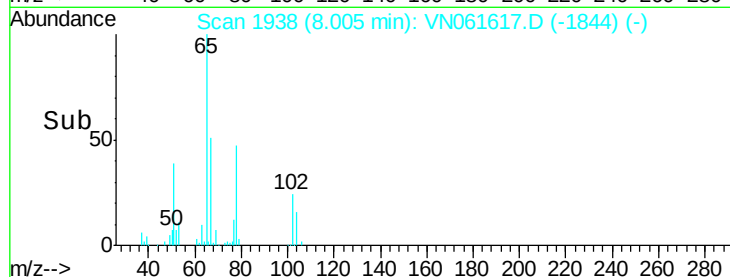
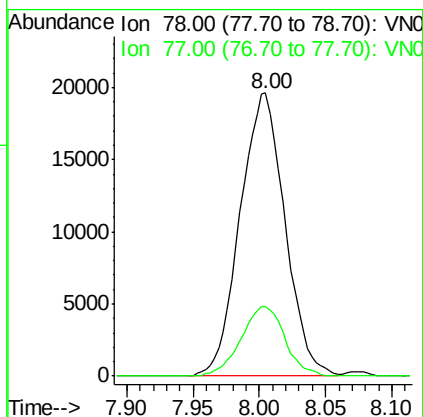
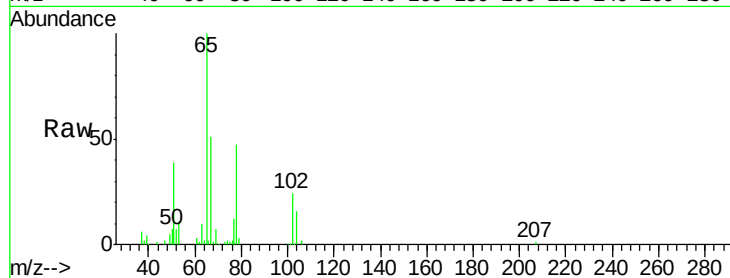
WP022MW359-200527DL

Tot Ion: 78 Resp: 46192

Ion Ratio Lower Upper

78 100

77 24.6 18.6 28.0



#50

Toluene-d8

Concen: 51.503 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061617.D

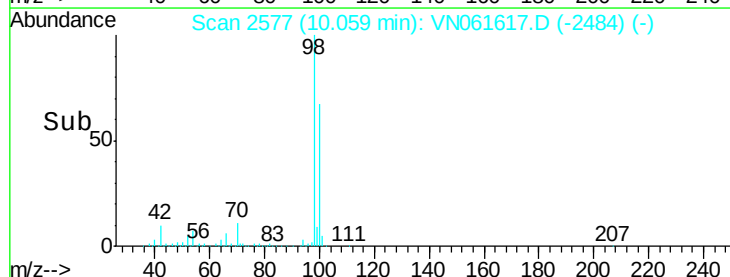
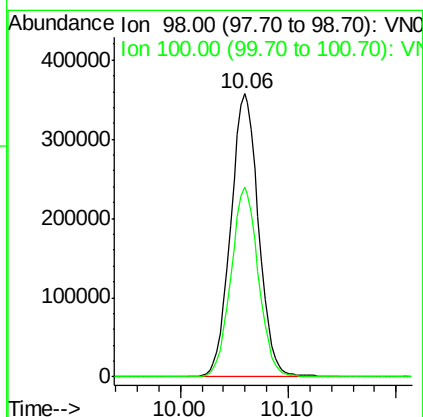
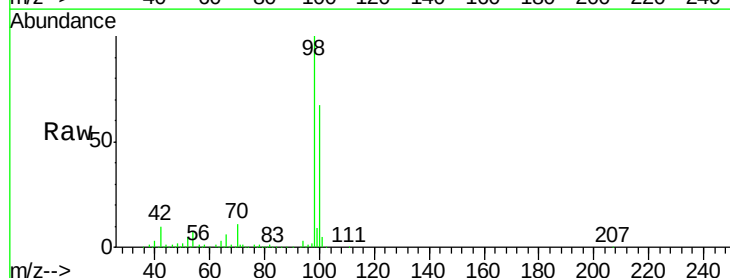
Acq: 2 Jun 2020 13:48

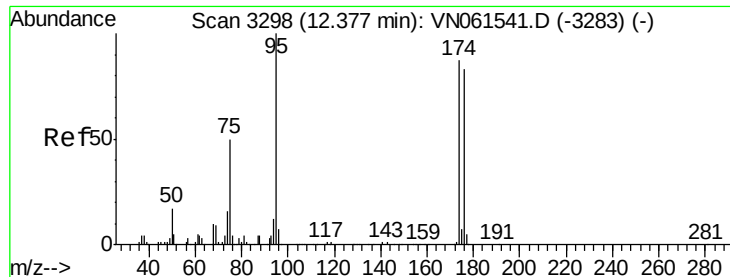
Tgt Ion: 98 Resp: 644229

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2

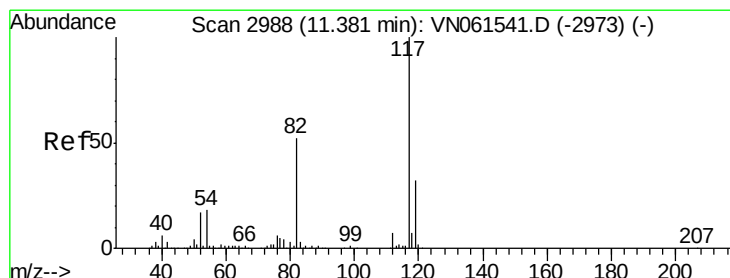
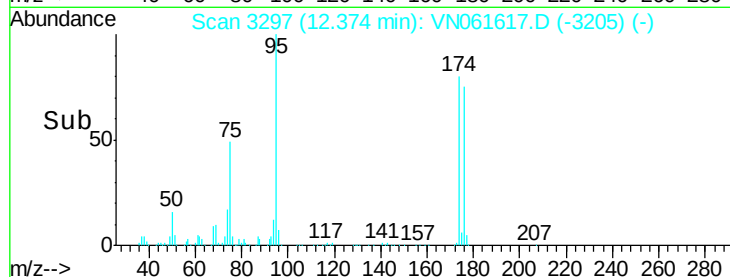
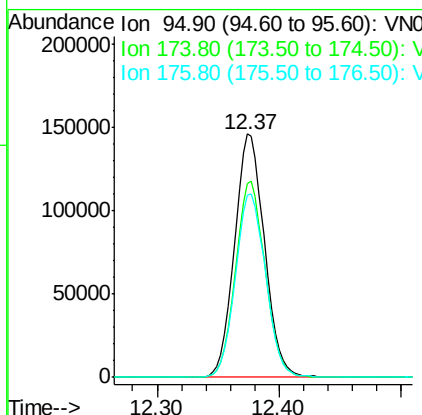
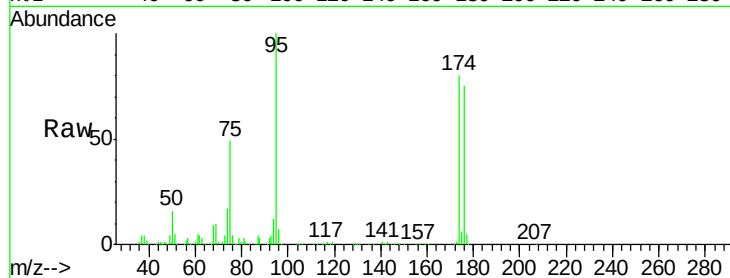




#62
4-Bromofluorobenzene
Concen: 54.454 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061617.D
Acq: 2 Jun 2020 13:48

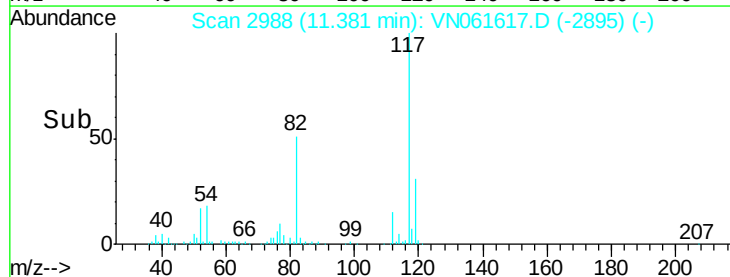
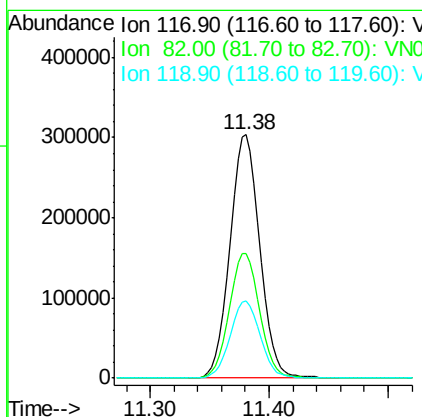
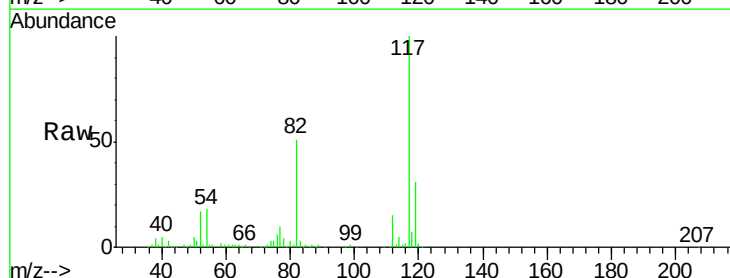
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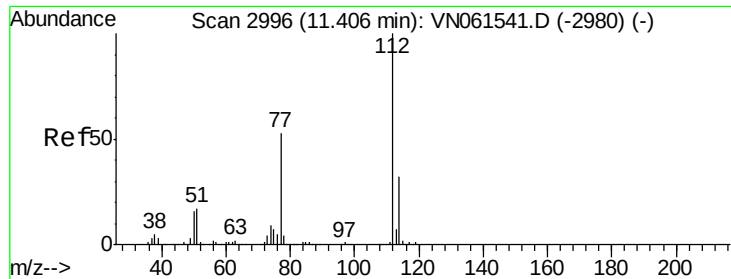
Tot Ion	95	Resp	248503
Ion Ratio	Lower	Upper	
95	100		
174	79.5	0.0	172.8
176	75.9	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061617.D
Acq: 2 Jun 2020 13:48

Tgt Ion	117	Resp	528848
Ion Ratio	Lower	Upper	
117	100		
82	51.3	41.5	62.3
119	31.5	25.6	38.4

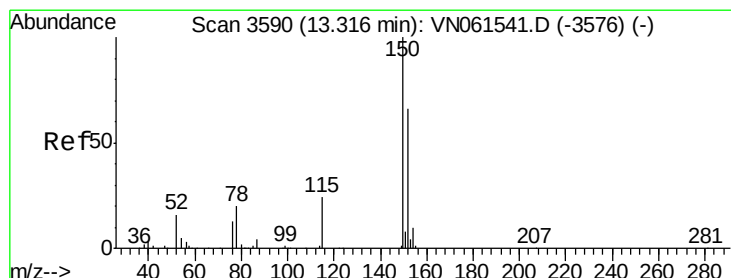
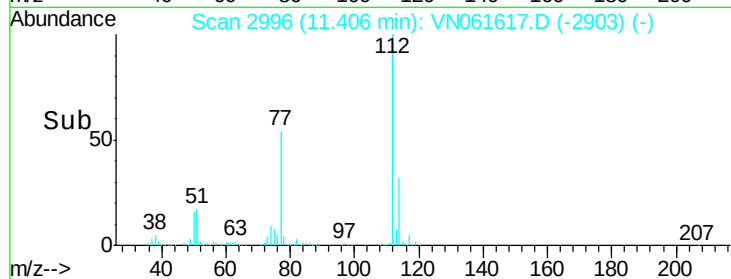
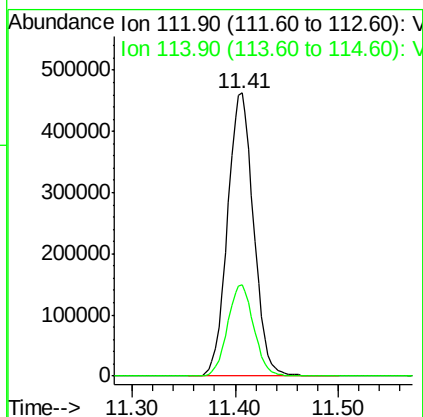
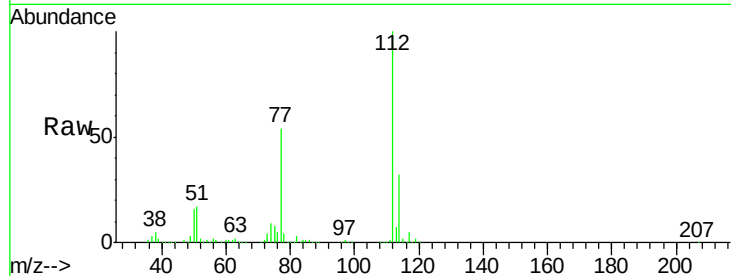




#65
Chlorobenzene
Concen: 74.242 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061617.D
Acq: 2 Jun 2020 13:48

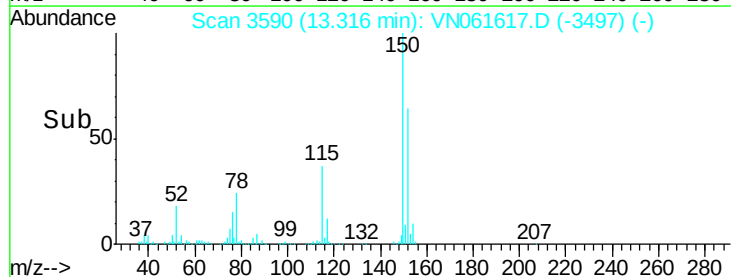
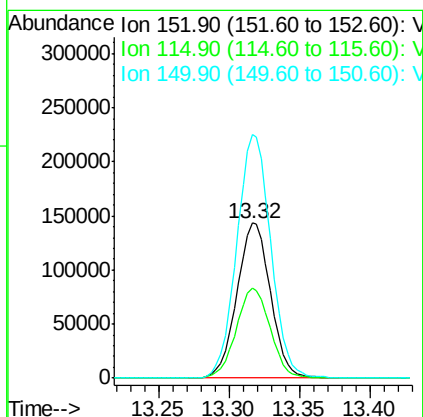
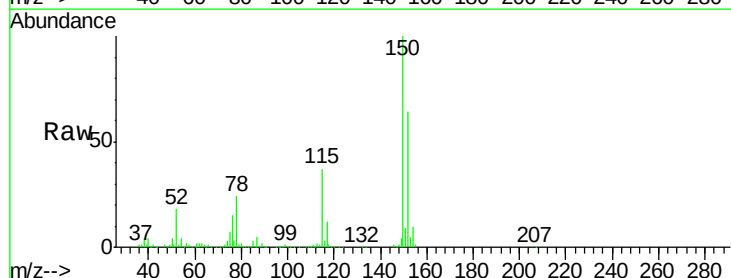
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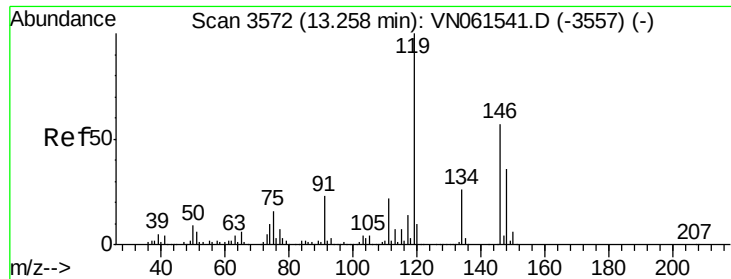
Tot Ion:112 Resp: 816132
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061617.D
Acq: 2 Jun 2020 13:48

Tgt Ion:152 Resp: 239363
Ion Ratio Lower Upper
152 100
115 58.7 28.0 84.0
150 158.5 0.0 344.0

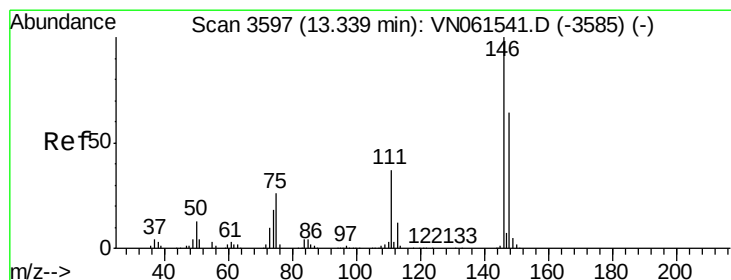
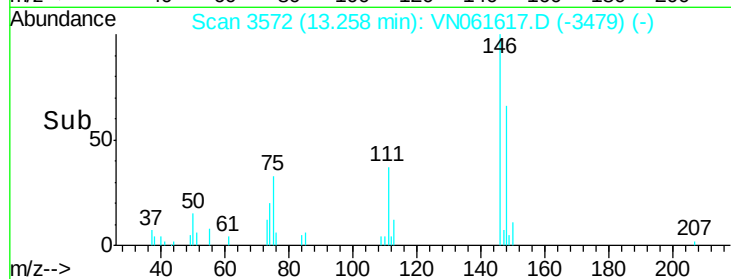
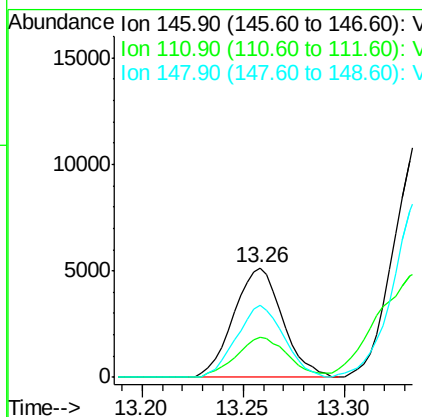
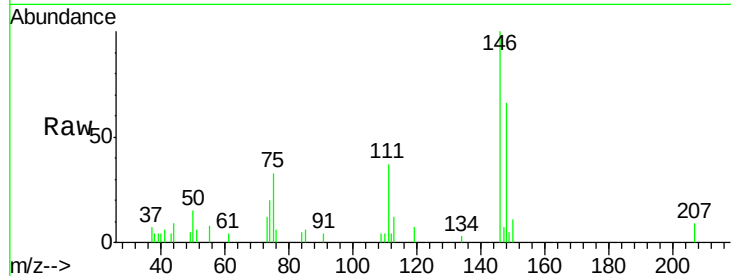




#87
 1,3-Dichlorobenzene
 Concen: 1.102 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061617.D
 Acq: 2 Jun 2020 13:48

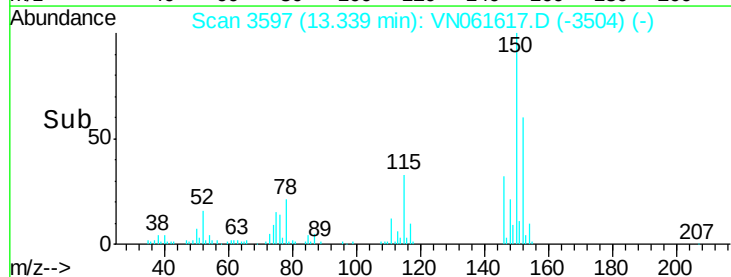
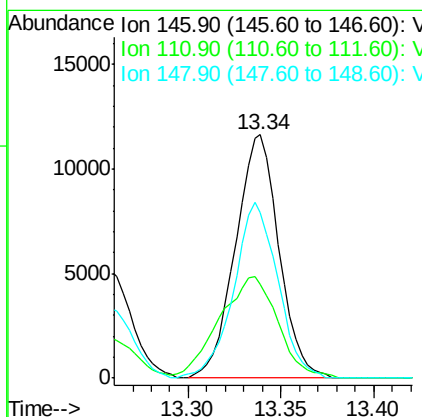
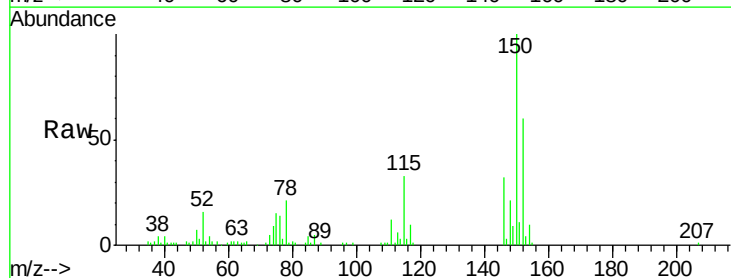
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW359-200527DL

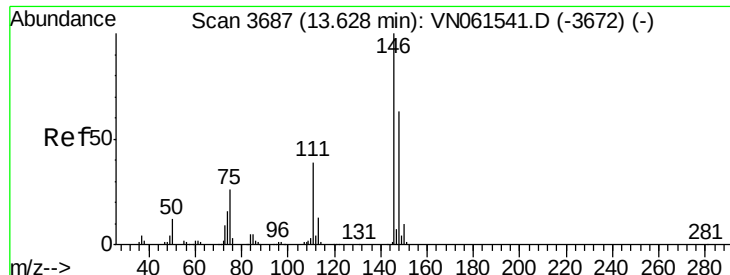
Tot Ion:146 Resp: 8706
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 2.367 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061617.D
 Acq: 2 Jun 2020 13:48

Tgt Ion:146 Resp: 19043
 Ion Ratio Lower Upper
 146 100
 111 56.0 18.9 56.9
 148 73.0 31.8 95.3

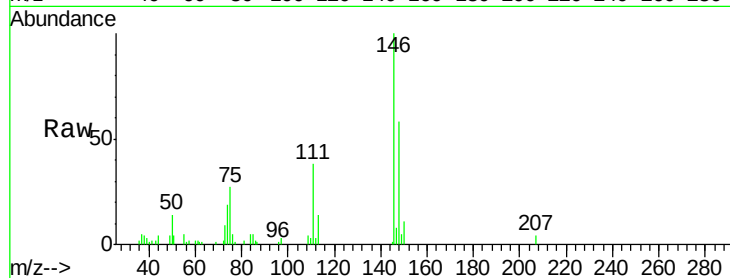




#91
 1,2-Dichlorobenzene
 Concen: 2.872 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061617.D
 Acq: 2 Jun 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW359-200527DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.1	60.2
148	60.4	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

