

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059727.D
 Acq On : 16 Jan 2020 13:21
 Operator : JC/MD
 Sample : L1136-03ME
 Misc : 7.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_20-21ME

Quant Time: Jan 17 07:26:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

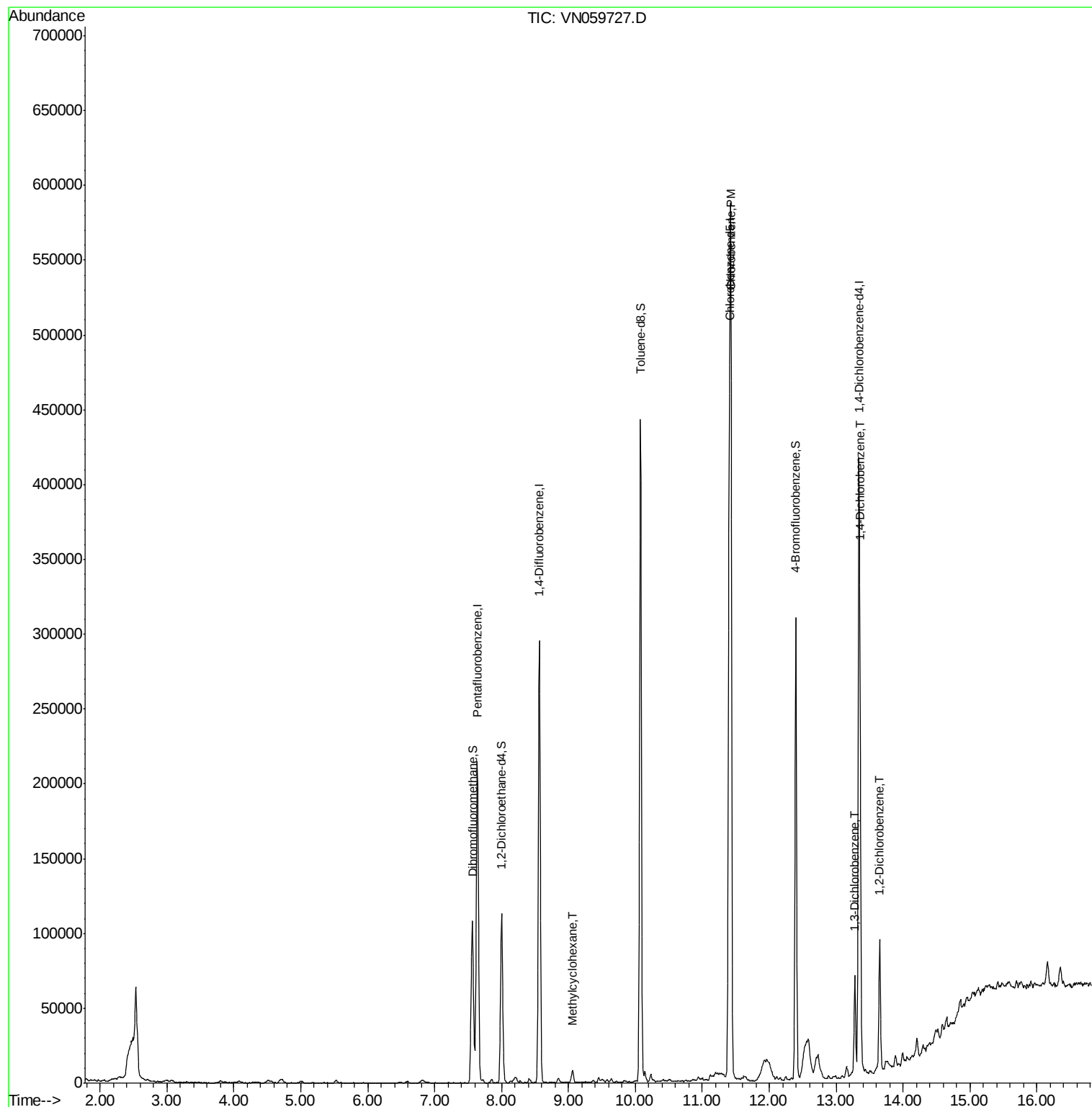
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	273662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94934	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
35) Dibromofluoromethane	7.56	113	82627	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.08	98	309685	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	104124	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
39) Methylcyclohexane	9.06	83	3735	1.271	ug/l	90
65) Chlorobenzene	11.43	112	309760	68.776	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	27326	8.250	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	63158	19.113	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	37992	11.602	ug/l	96

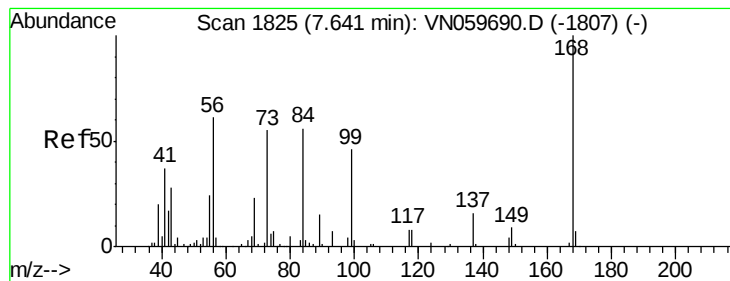
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

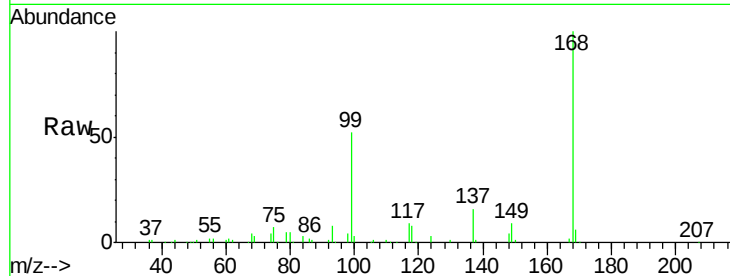
WP022SB457_200113_20-21ME

Tot Ion:168 Resp: 184421

Ion Ratio Lower Upper

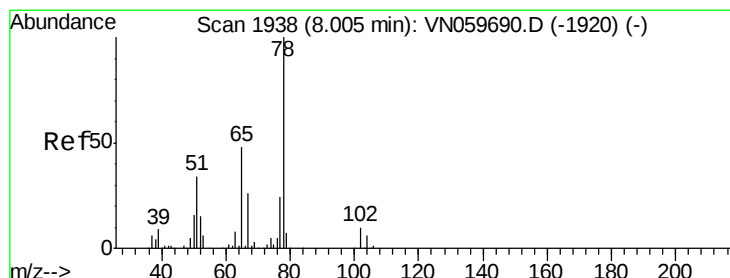
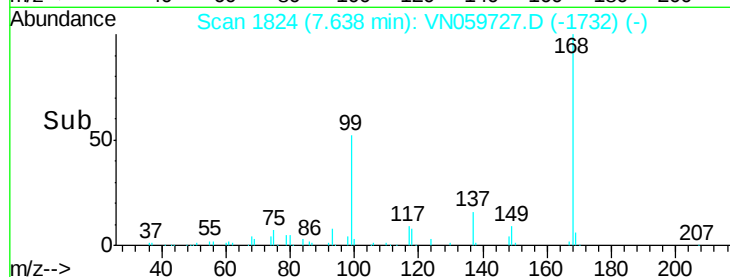
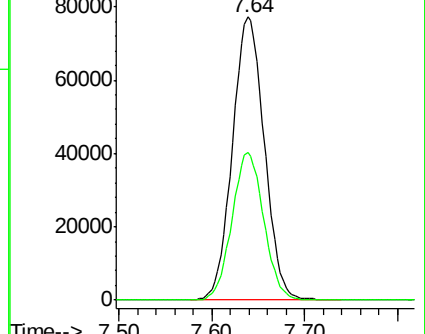
168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.354 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059727.D

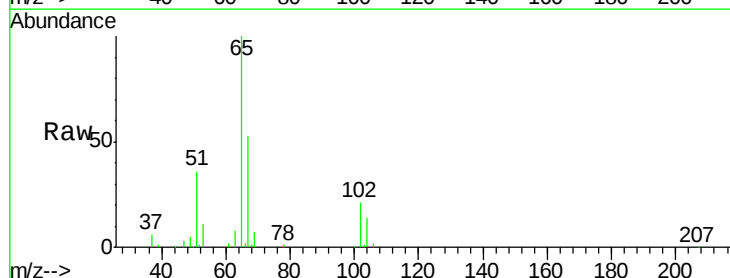
Acq: 16 Jan 2020 13:21

Tgt Ion: 65 Resp: 94934

Ion Ratio Lower Upper

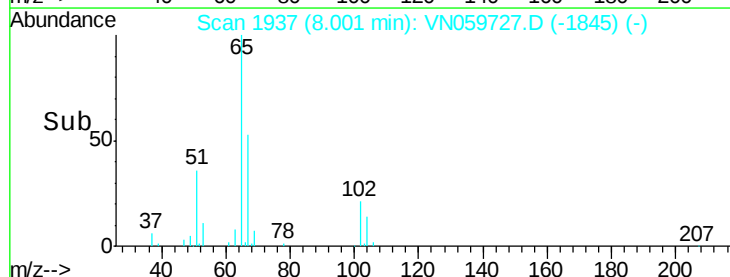
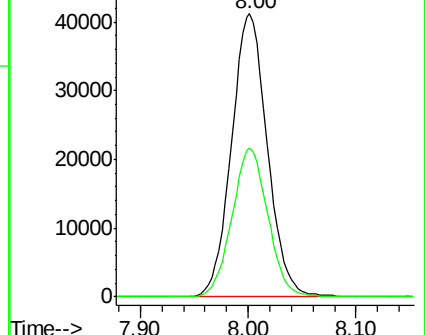
65 100

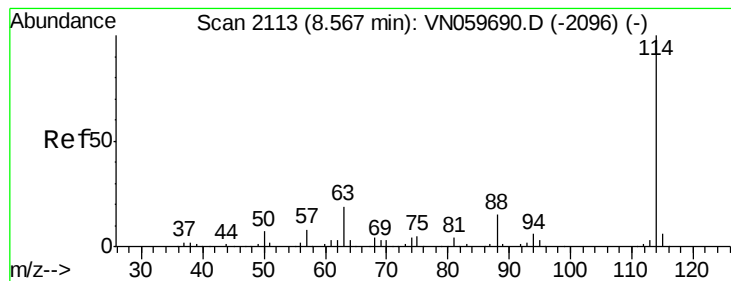
67 52.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_20-21ME

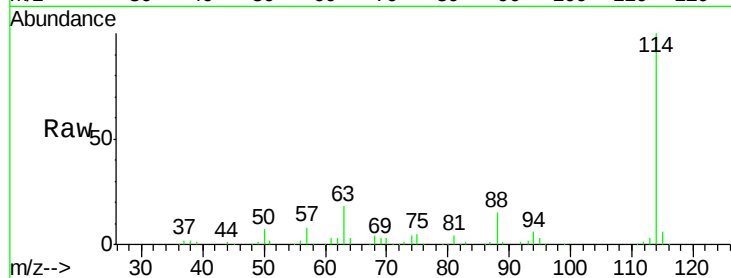
Tot Ion:114 Resp: 273662

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.6

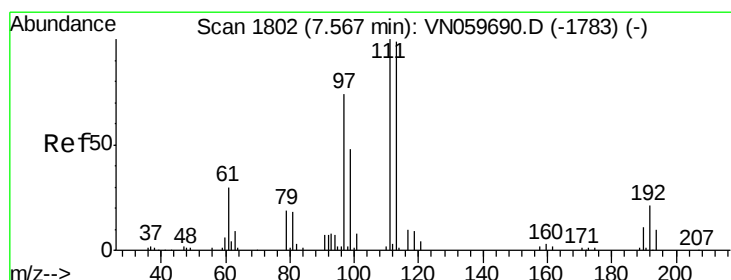
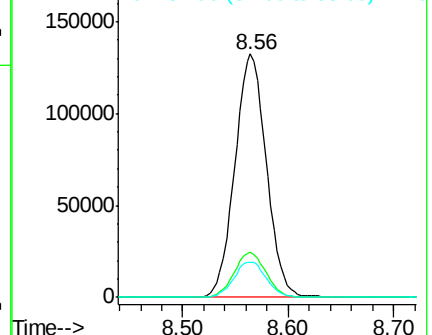
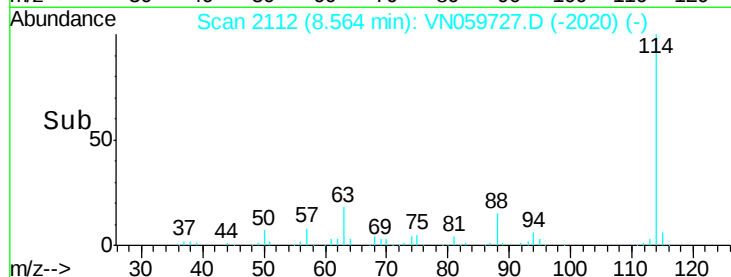
88 14.6 0.0 31.4



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: 50.630 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

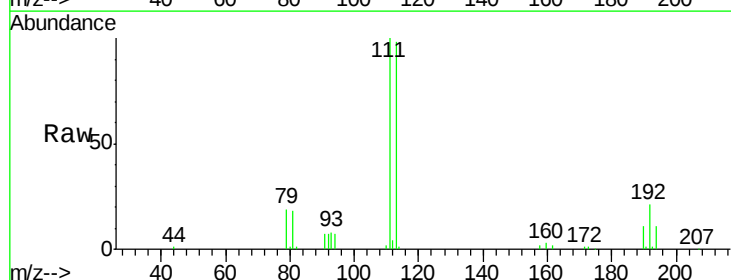
Tgt Ion:113 Resp: 82627

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

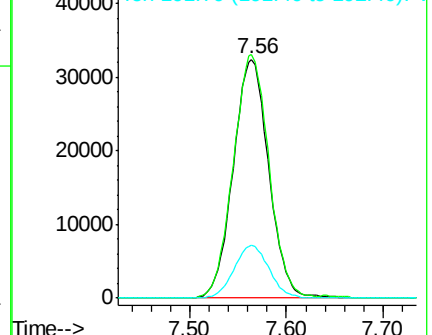
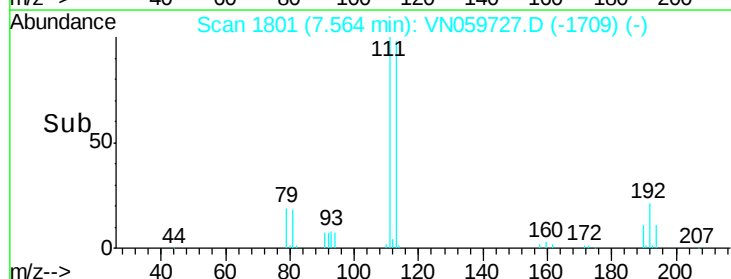
192 21.7 15.4 23.2

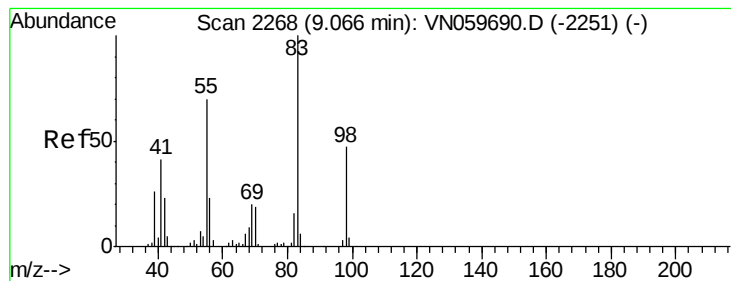


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 1.271 ug/l

RT: 9.06 min Scan# 2266

Delta R.T. -0.01 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_20-21ME

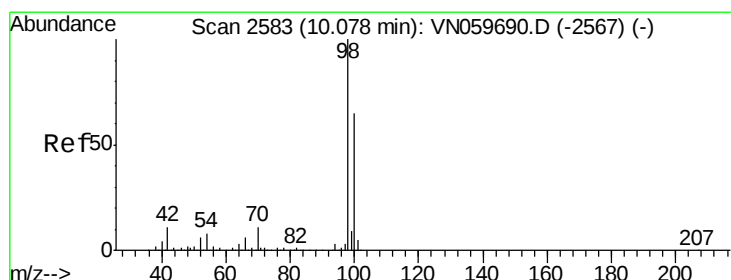
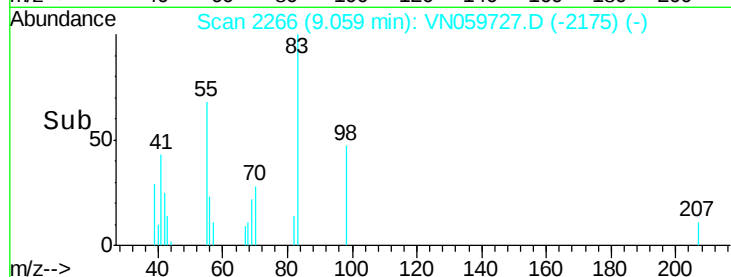
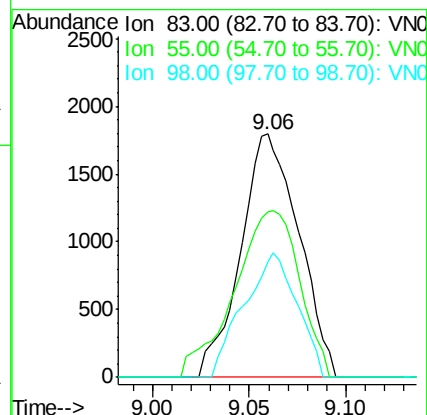
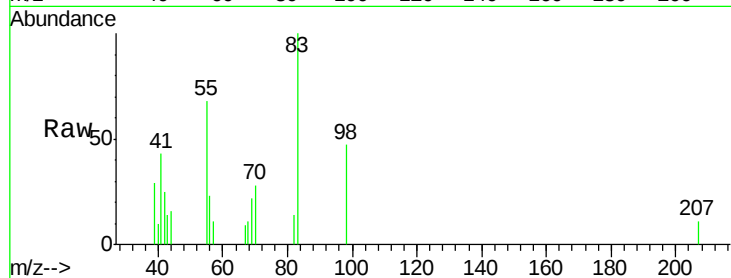
Tot Ion: 83 Resp: 3735

Ion Ratio Lower Upper

83 100

55 68.0 64.2 96.2

98 47.3 35.9 53.9



#50

Toluene-d8

Concen: 48.977 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059727.D

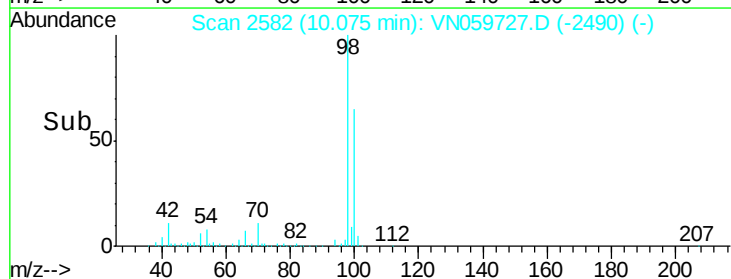
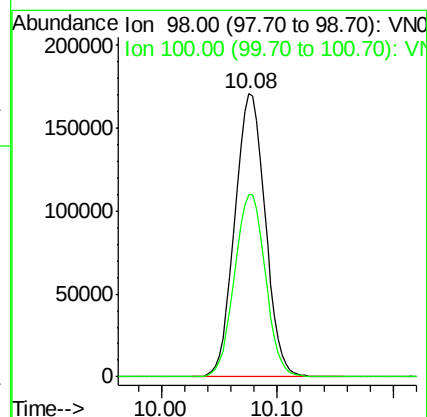
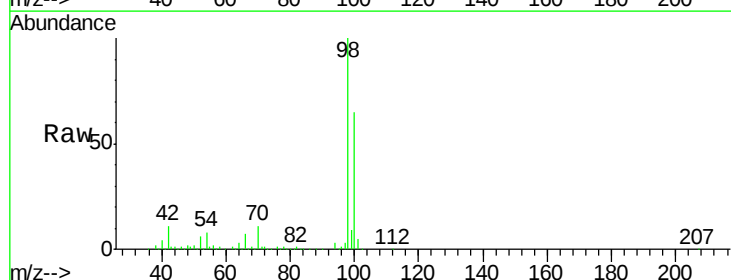
Acq: 16 Jan 2020 13:21

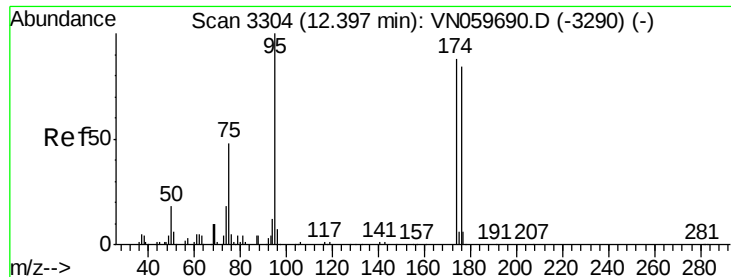
Tgt Ion: 98 Resp: 309685

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.679 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_20-21ME

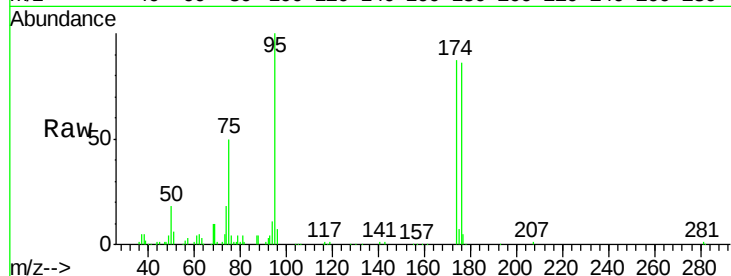
Tot Ion: 95 Resp: 104124

Ion Ratio Lower Upper

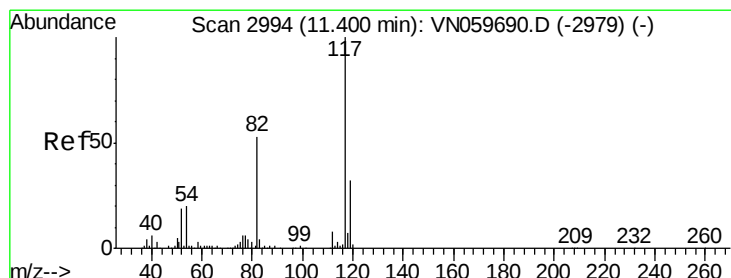
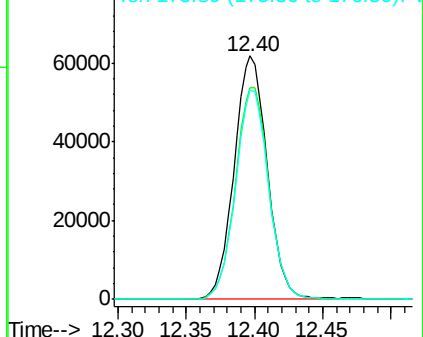
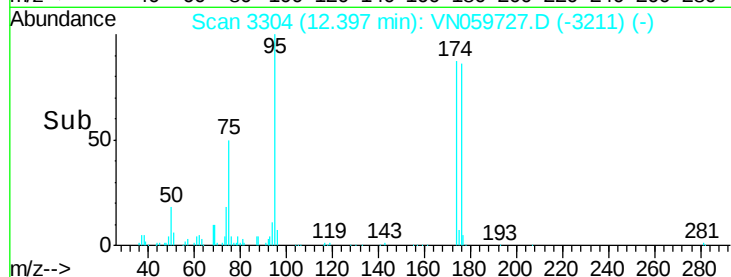
95 100

174 88.1 0.0 151.4

176 85.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059727.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

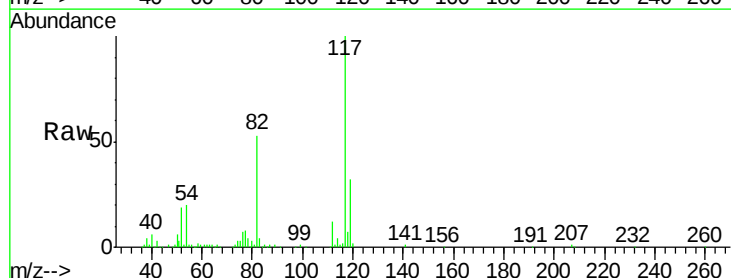
Tgt Ion: 117 Resp: 229144

Ion Ratio Lower Upper

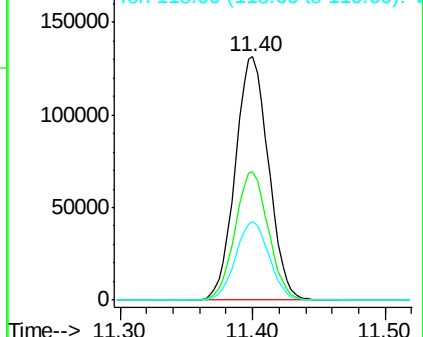
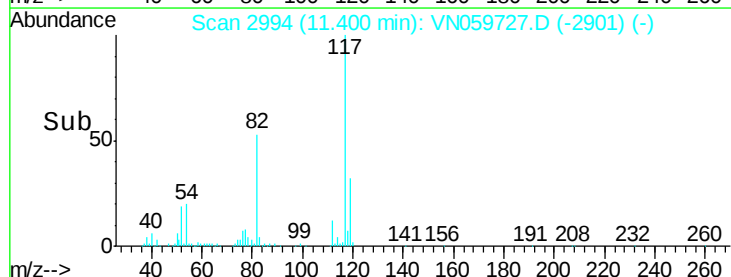
117 100

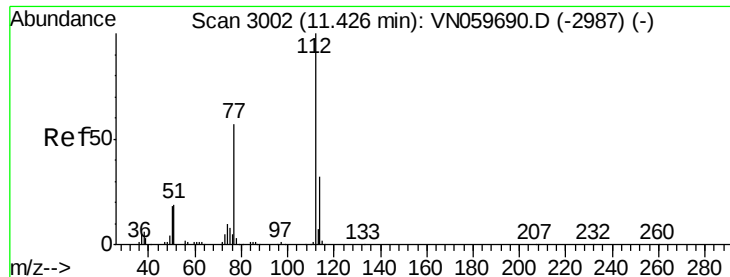
82 52.8 45.9 68.9

119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059727.D (-2901) (-)





#65

Chlorobenzene

Concen: 68.776 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

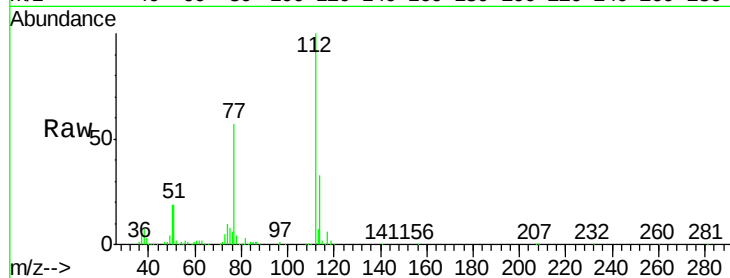
WP022SB457_200113_20-21ME

Tot Ion:112 Resp: 309760

Ion Ratio Lower Upper

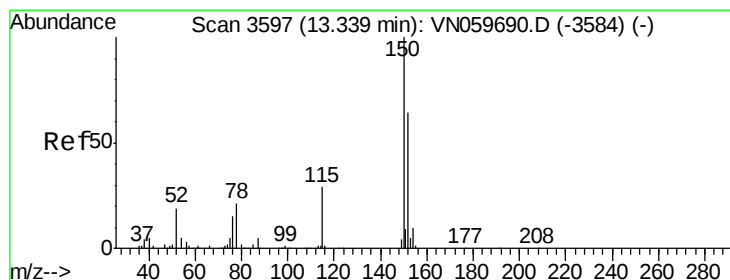
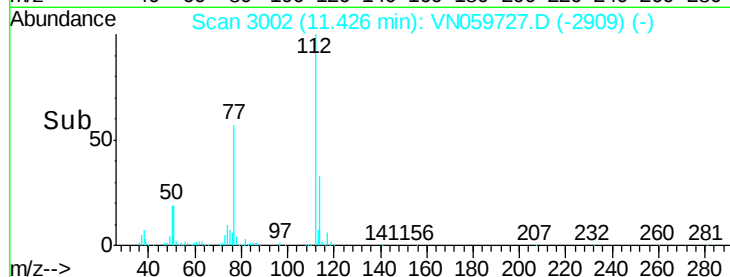
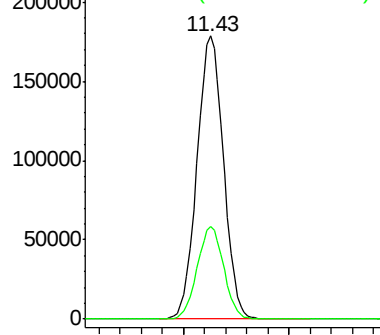
112 100

114 32.5 25.8 38.8



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

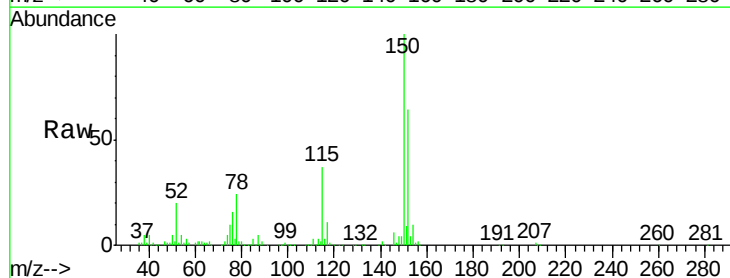
Tgt Ion:152 Resp: 102674

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

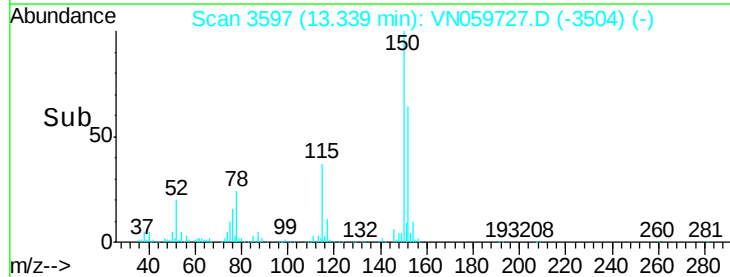
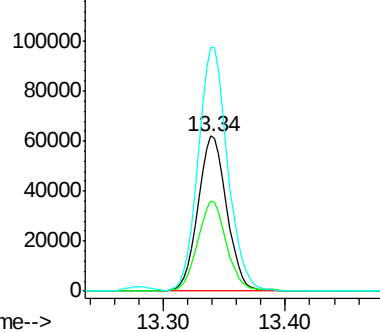
150 159.6 0.0 345.2

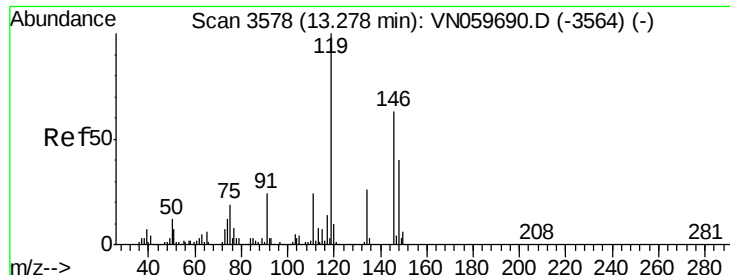


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

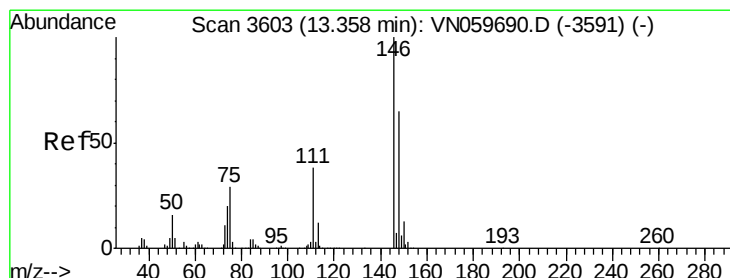
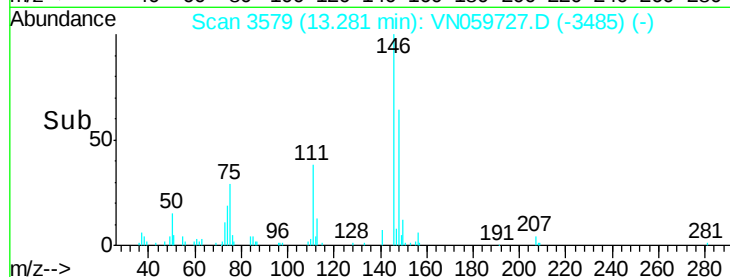
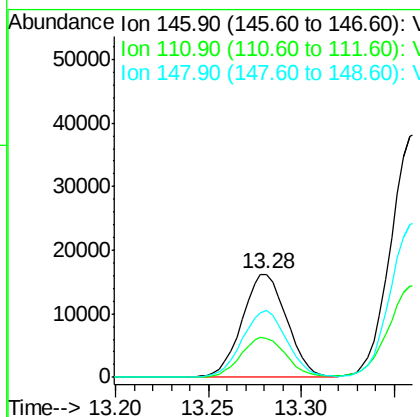
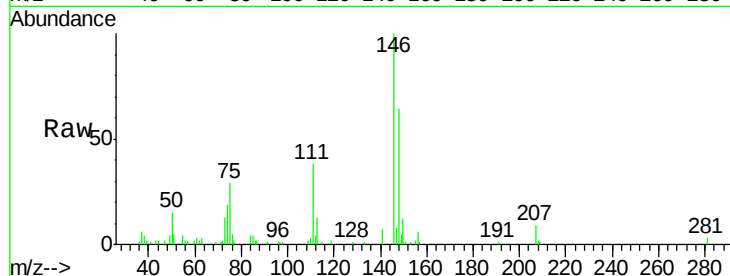




#87
 1,3-Dichlorobenzene
 Concen: 8.250 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059727.D
 Acq: 16 Jan 2020 13:21

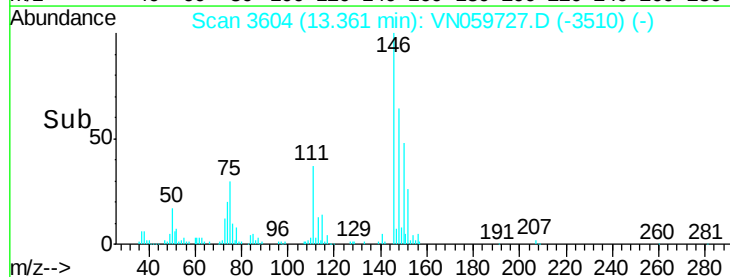
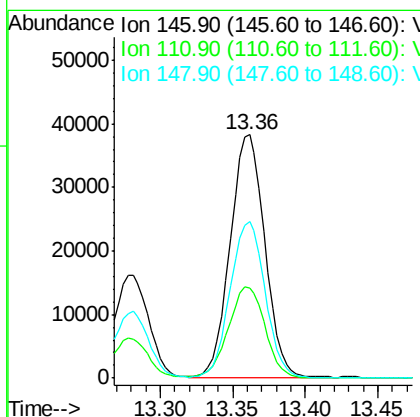
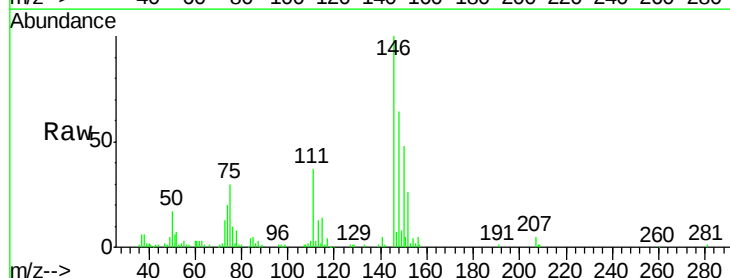
Instrument :
 MSVOA_N
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 WP022SB457_200113_20-21ME

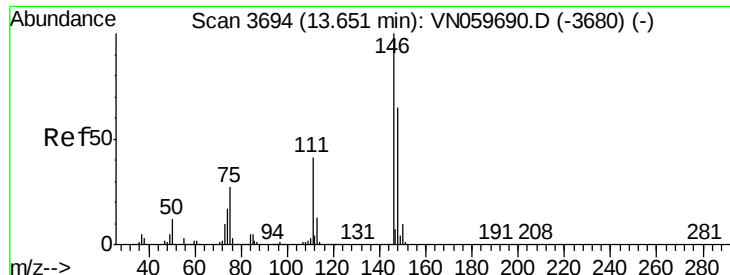
Tot Ion:146 Resp: 27326
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.8 62.2
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.113 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059727.D
 Acq: 16 Jan 2020 13:21

Tgt Ion:146 Resp: 63158
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.8 62.2
 148 65.4 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 11.602 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059727.D

Acq: 16 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_20-21ME

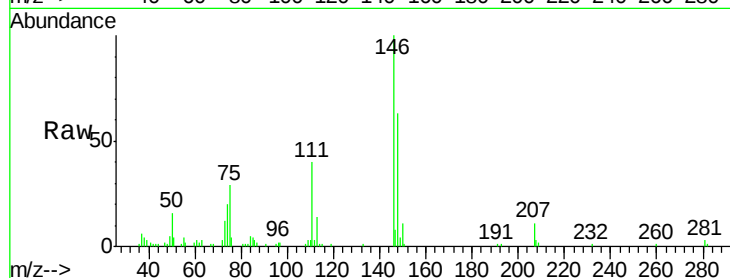
Tot Ion:146 Resp: 37992

Ion Ratio Lower Upper

146 100

111 38.8 21.6 64.8

148 62.3 31.6 95.0



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

