

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054800.D
 Acq On : 30 Mar 2019 14:13
 Operator : JC/SP
 Sample : K2043-03ME
 Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

Quant Time: Mar 30 23:10:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

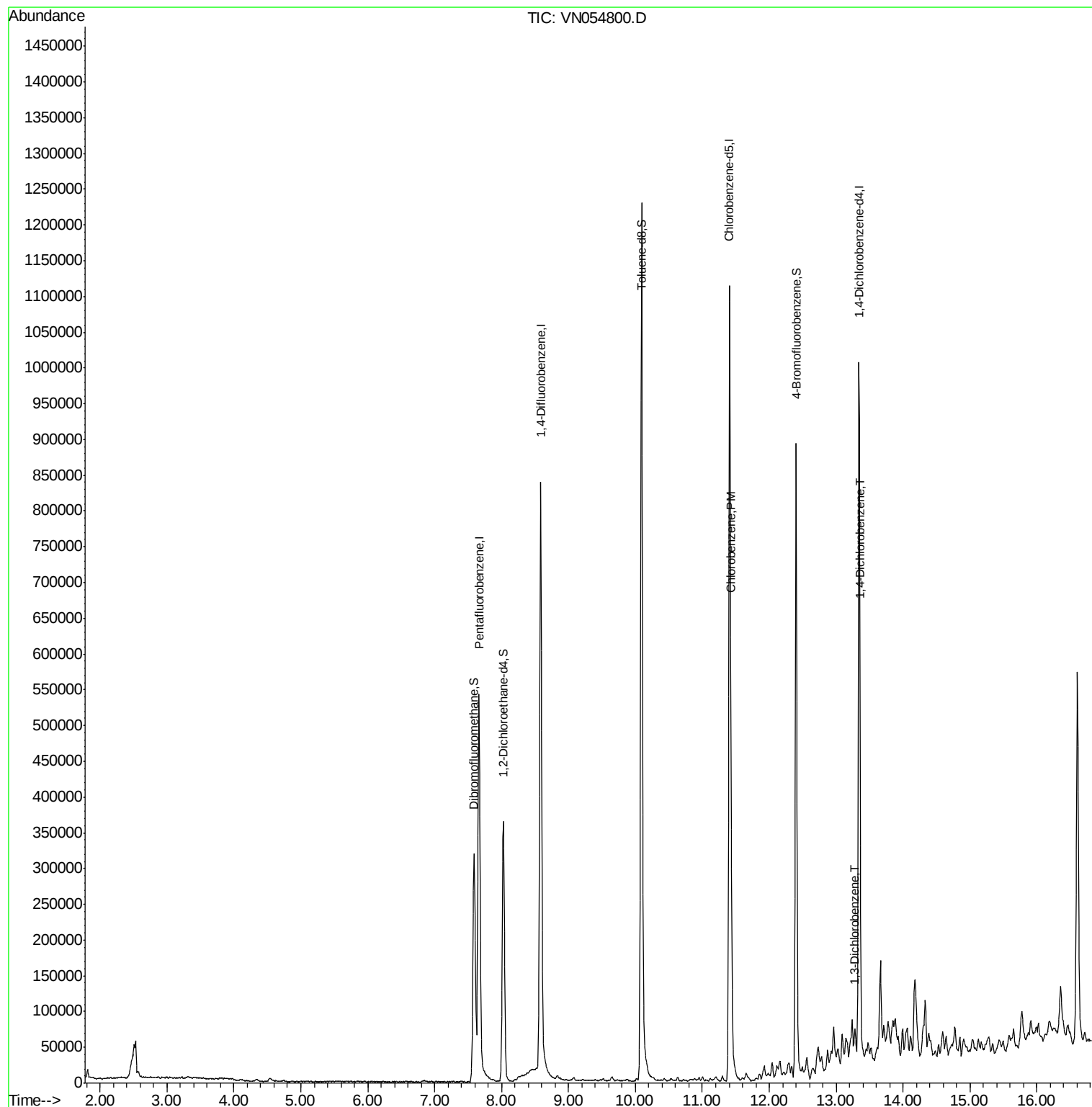
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	459239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	759483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	308378	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	238962	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	10.09	98	913615	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	299791	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
Target Compounds						
65) Chlorobenzene	11.43	112	106420	8.274	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	9157	1.076	ug/l #	83
88) 1,4-Dichlorobenzene	13.36	146	11986	1.436	ug/l #	60

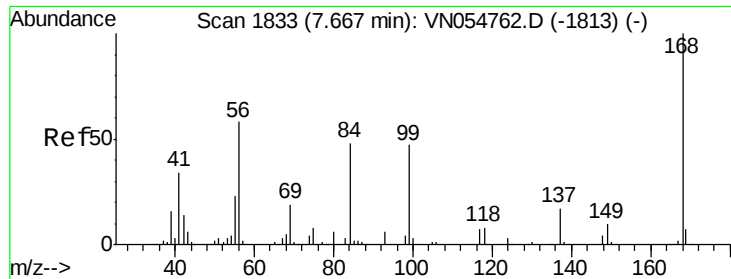
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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Quant Time: Mar 30 23:10:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

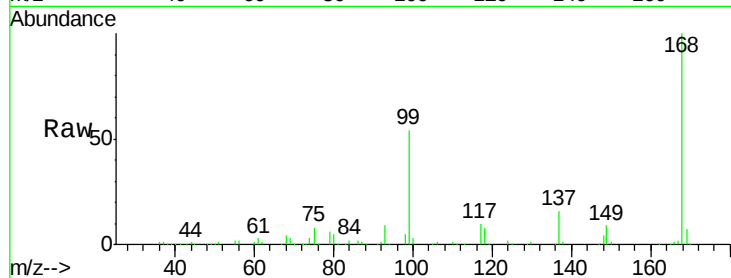
WP022SB442-190319-(14-16)ME

Tot Ion:168 Resp: 459239

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

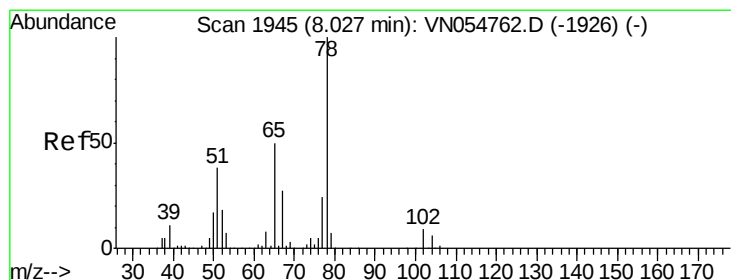
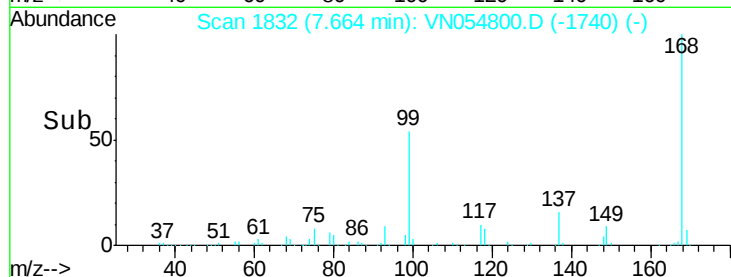
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054800.D

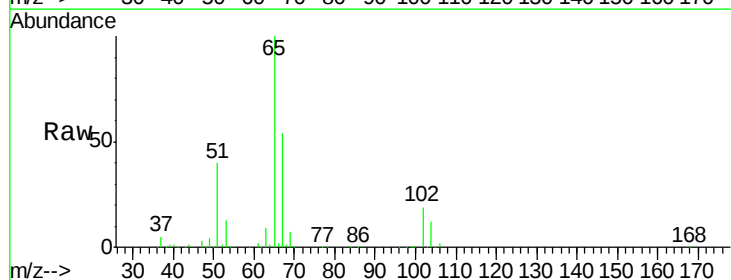
Acq: 30 Mar 2019 14:13

Tgt Ion: 65 Resp: 308378

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

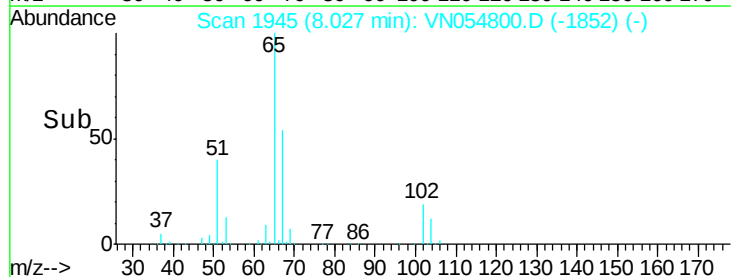
150000

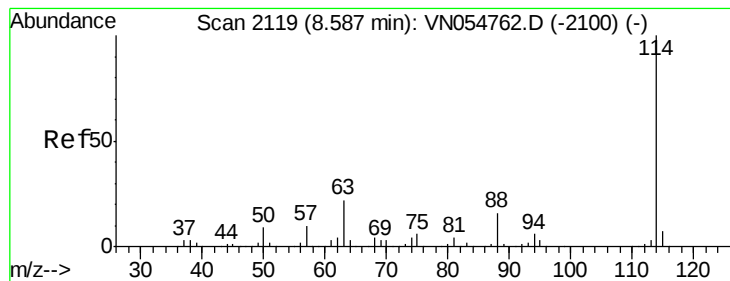
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

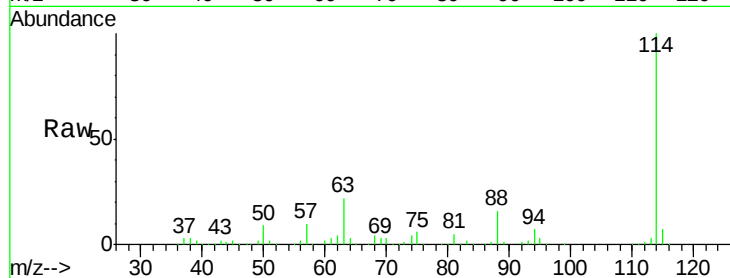
Tot Ion:114 Resp: 759483

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

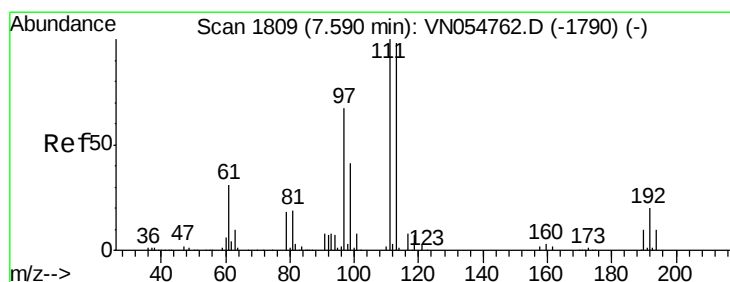
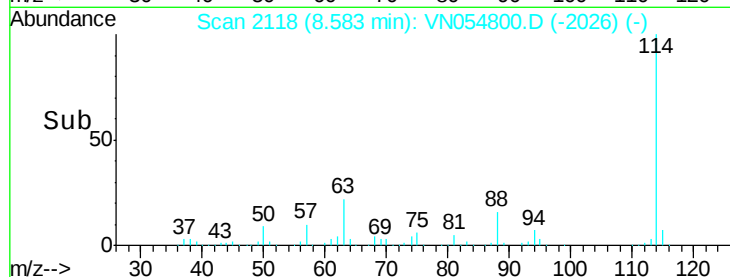
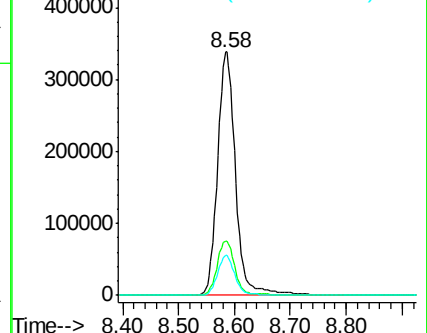
88 16.3 0.0 30.2



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: 47.194 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

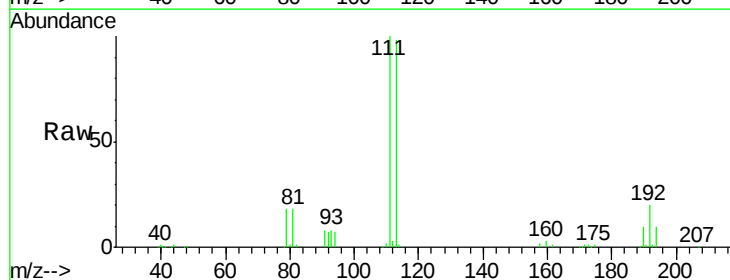
Tgt Ion:113 Resp: 238962

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

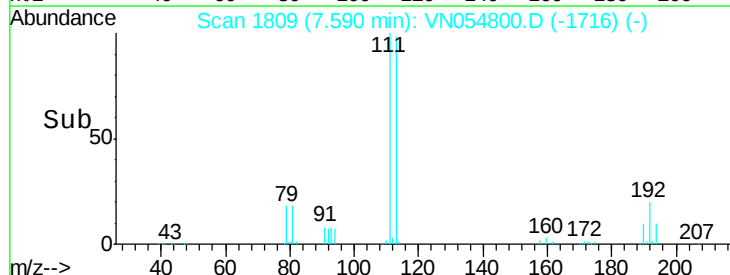
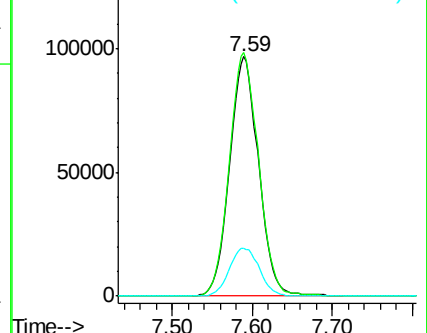
192 20.9 19.2 28.8

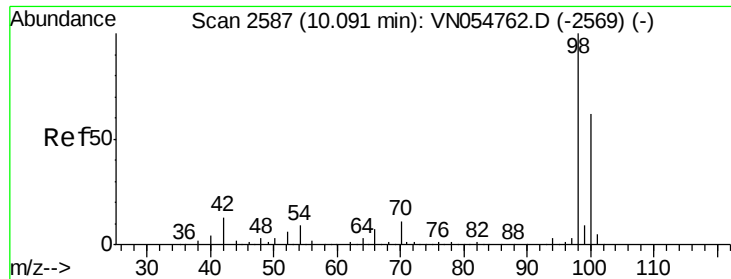


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.533 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

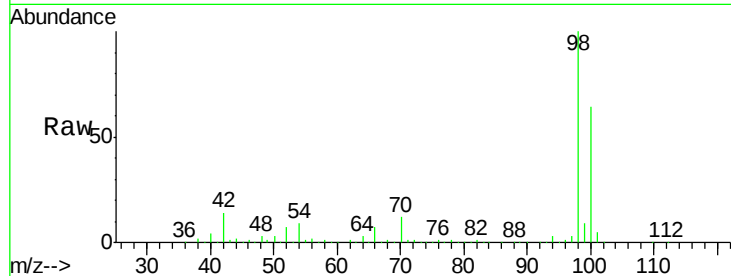
WP022SB442-190319-(14-16)ME

Tot Ion: 98 Resp: 913615

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

400000

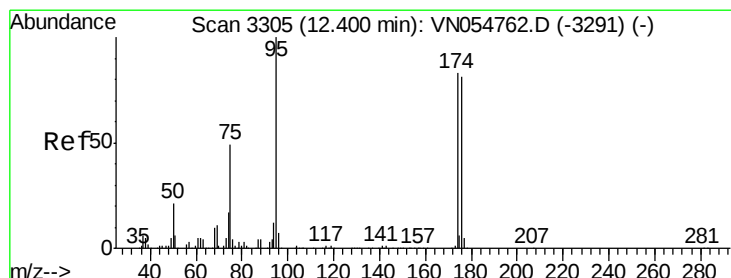
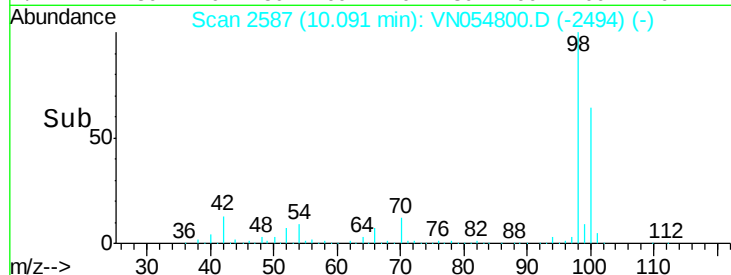
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

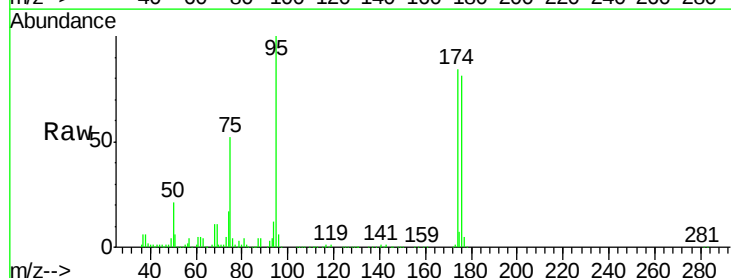
Tgt Ion: 95 Resp: 299791

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

200000

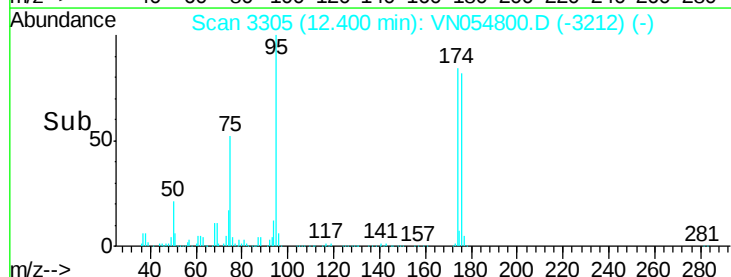
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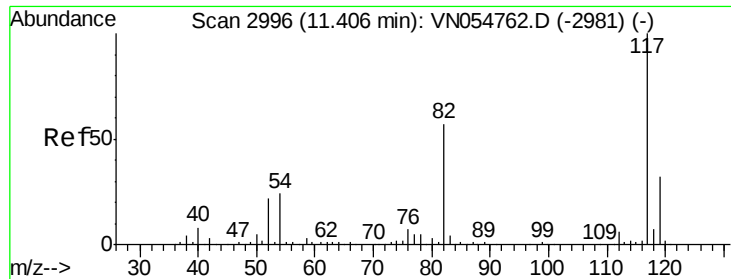
100000

50000

0

Time-->

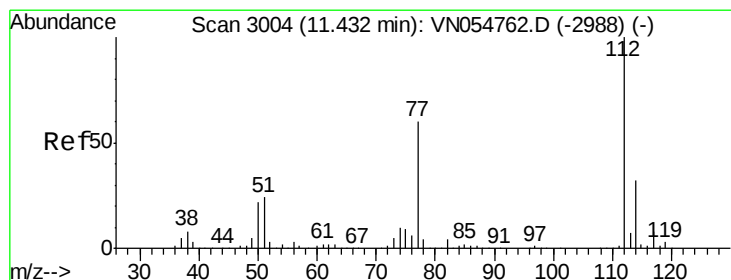
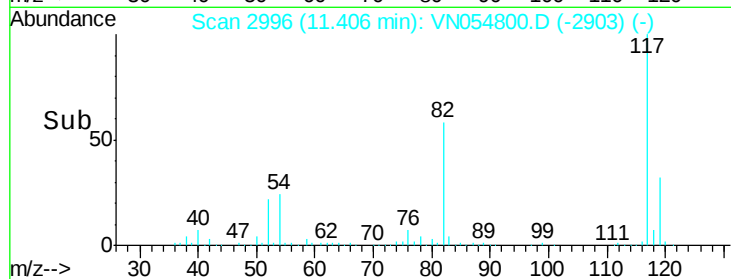
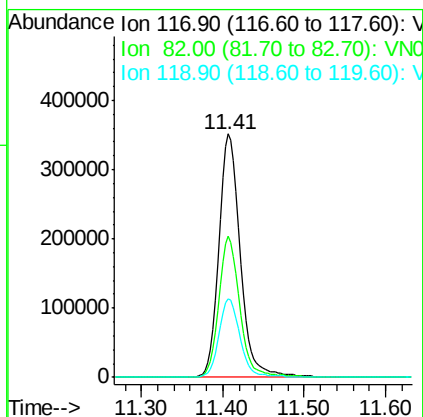
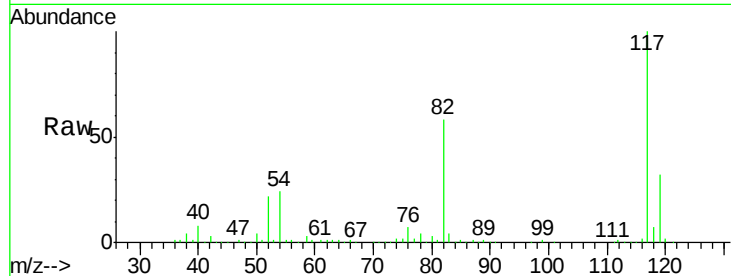




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

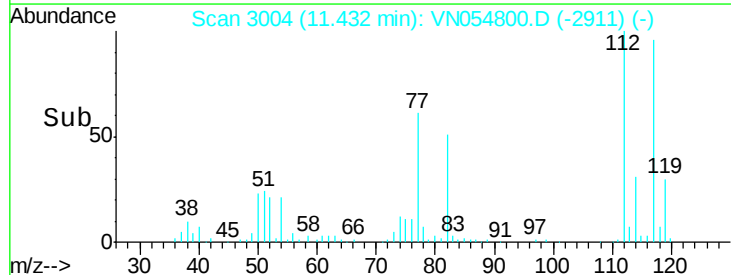
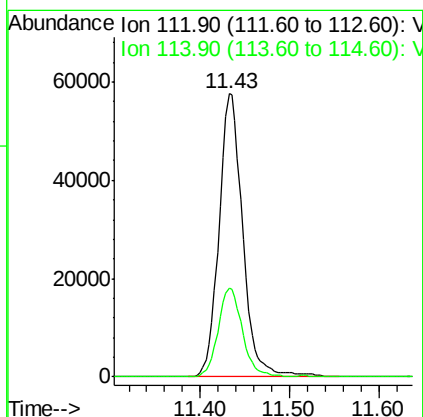
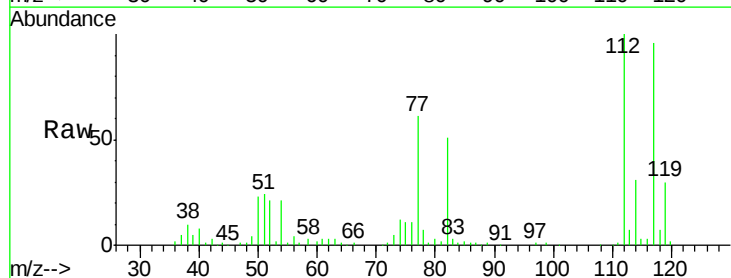
Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(14-16)ME

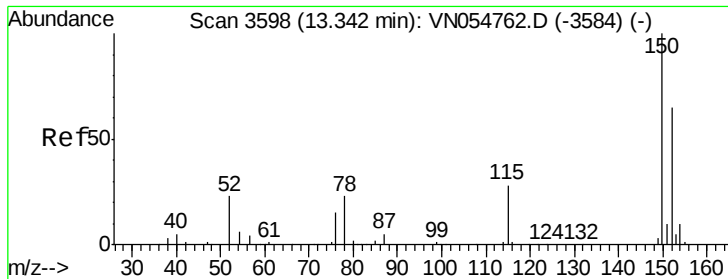
Tot Ion:117 Resp: 656945
Ion Ratio Lower Upper
117 100
82 57.8 40.0 60.0
119 32.3 25.8 38.6



#65
Chlorobenzene
Concen: 8.274 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Tgt Ion:112 Resp: 106420
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

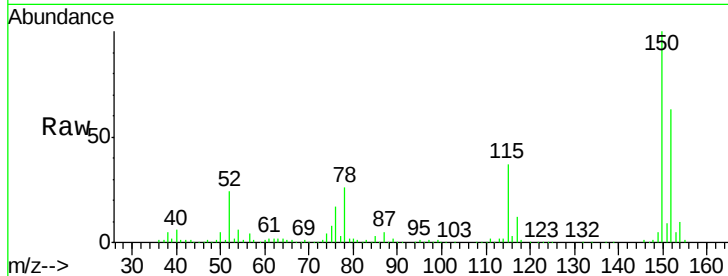
Tot Ion:152 Resp: 257631

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

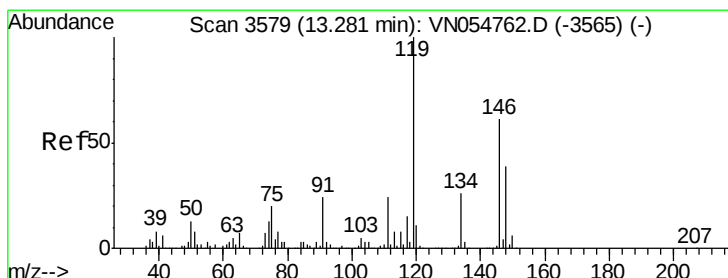
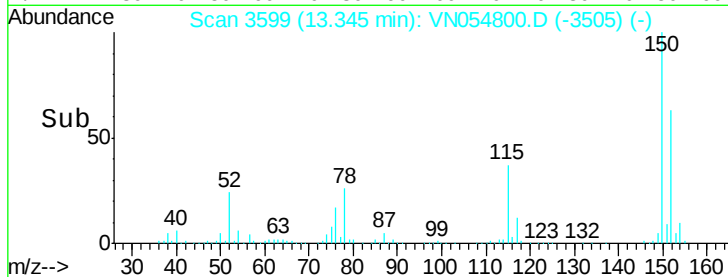
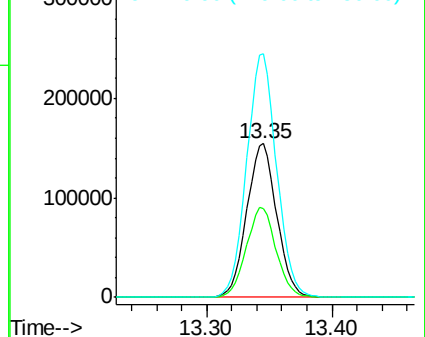
150 157.2 0.0 349.2



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: 1.076 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

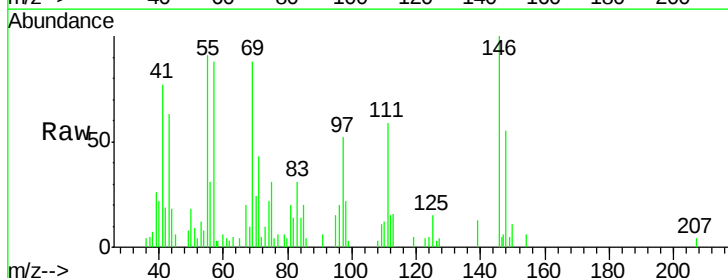
Tgt Ion:146 Resp: 9157

Ion Ratio Lower Upper

146 100

111 57.7 18.8 56.3#

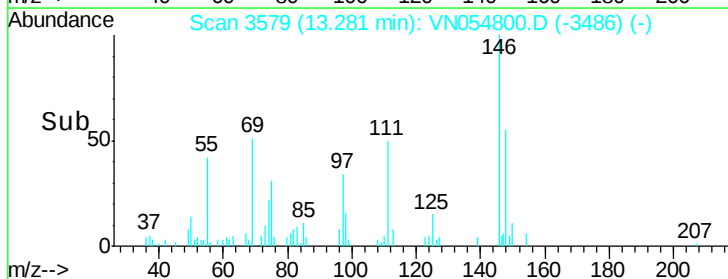
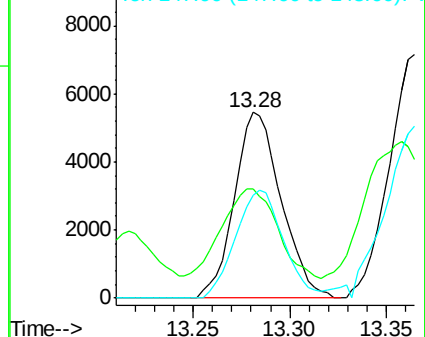
148 59.2 32.2 96.6

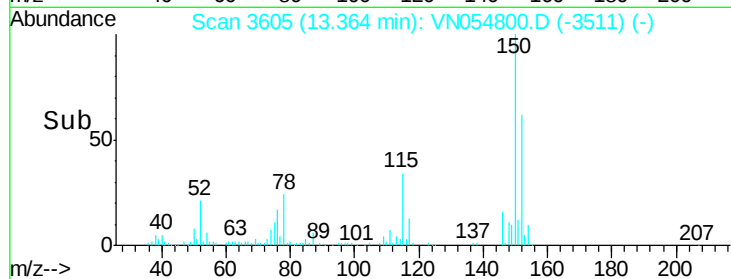
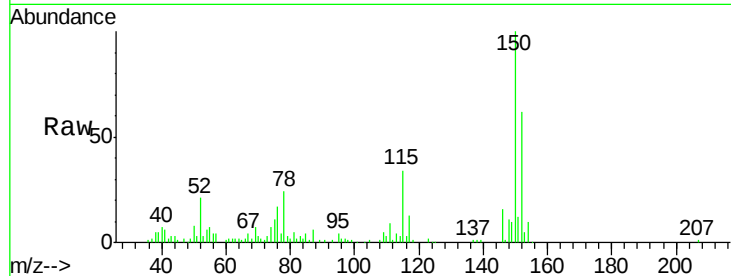
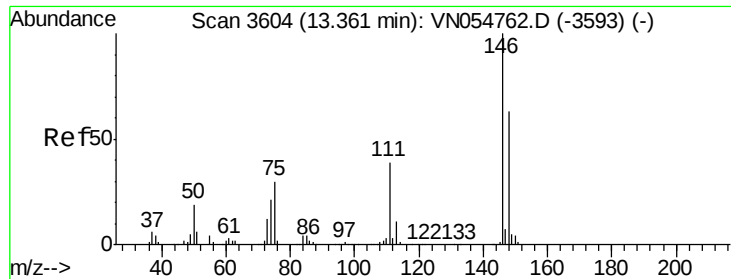


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.436 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

Tot Ion:146 Resp: 11986

Ion Ratio Lower Upper

146 100

111 82.9 18.1 54.1#

148 77.7 32.0 96.0

