

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054646.D
 Acq On : 24 Mar 2019 14:22
 Operator : JC/SP
 Sample : K2047-08
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB445-190320-FD-(17-19)

Quant Time: Mar 25 09:36:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

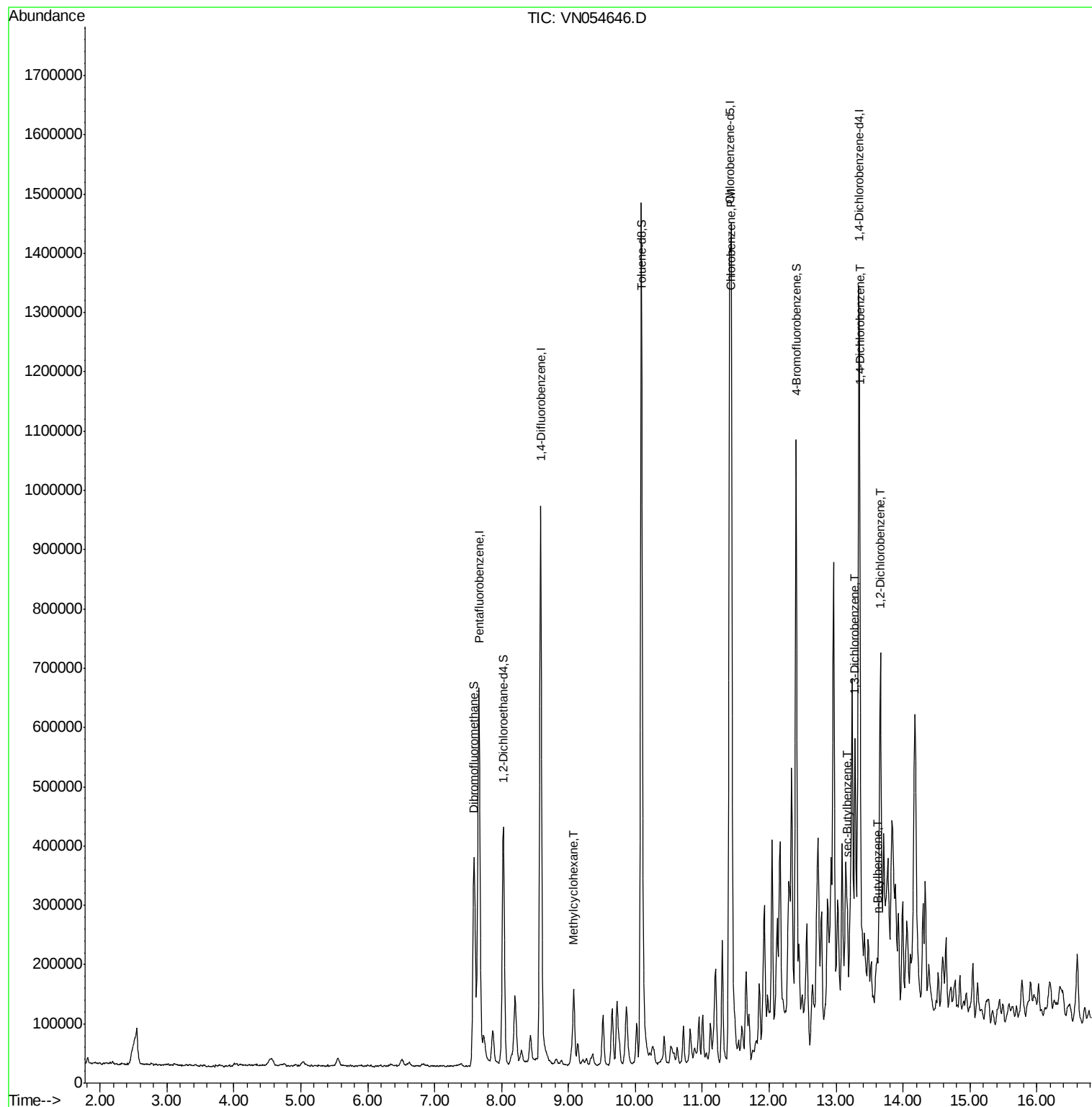
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	552391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	871905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346617	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	261142	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.09	98	1061487	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	337793	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	41848	4.488	ug/l #	81
65) Chlorobenzene	11.43	112	709143	46.948	ug/l	99
85) sec-Butylbenzene	13.17	105	30614	1.356	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	20295	1.945	ug/l #	67
88) 1,4-Dichlorobenzene	13.36	146	44765	4.408	ug/l #	80
89) n-Butylbenzene	13.61	91	27836	1.762	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	60328	5.968	ug/l #	79

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

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Misc : 6.55µL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 25 09:36:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054646.D

Acq: 24 Mar 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

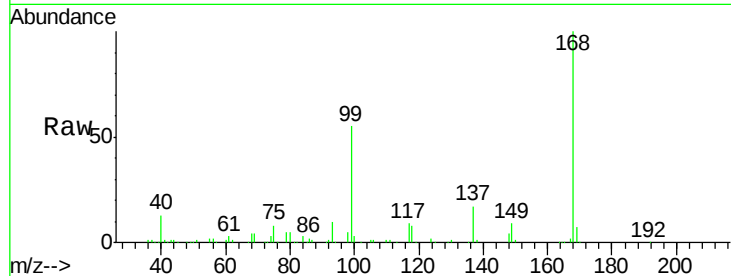
WP022SB445-190320-FD-(17-19)

Tot Ion:168 Resp: 552391

Ion Ratio Lower Upper

168 100

99 55.3 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

250000

200000

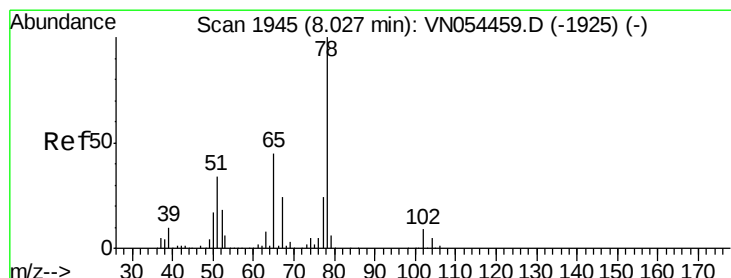
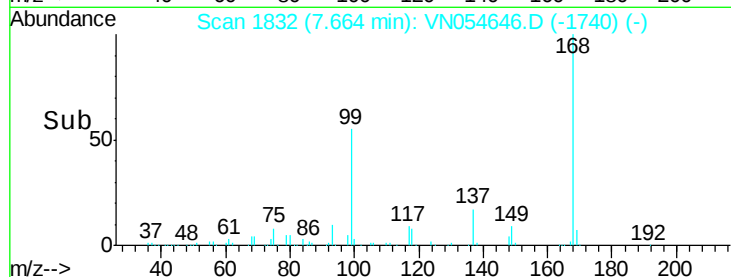
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.447 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054646.D

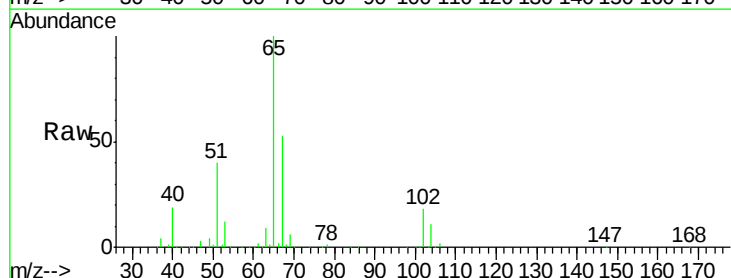
Acq: 24 Mar 2019 14:22

Tgt Ion: 65 Resp: 346617

Ion Ratio Lower Upper

65 100

67 51.5 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

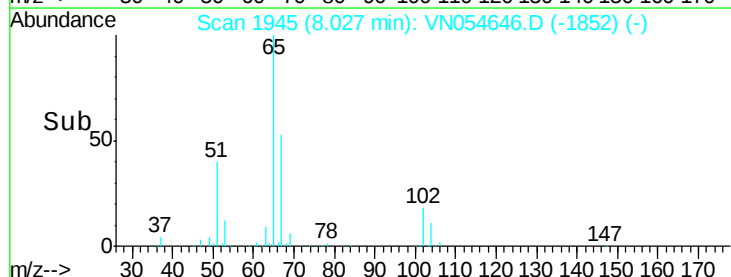
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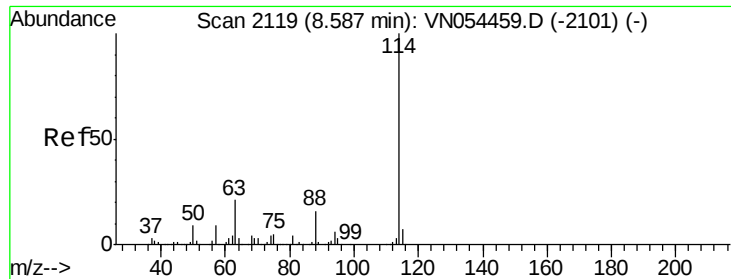
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Time-->

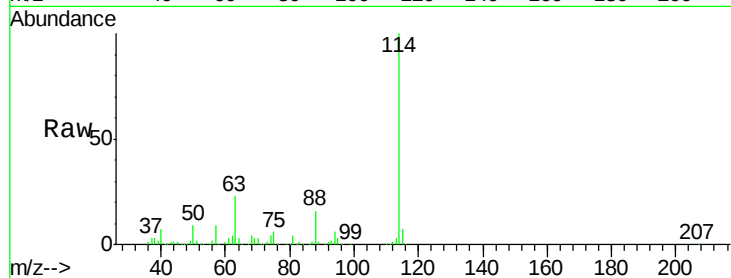




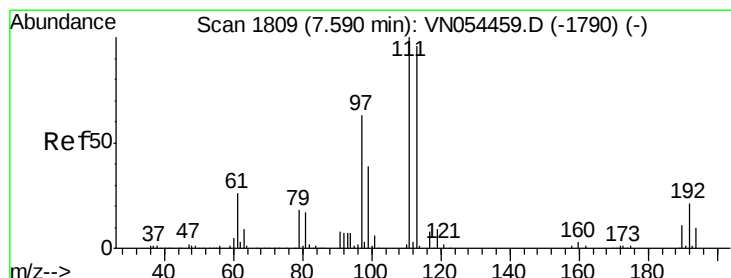
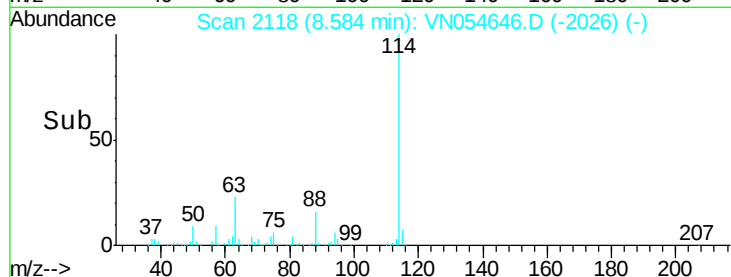
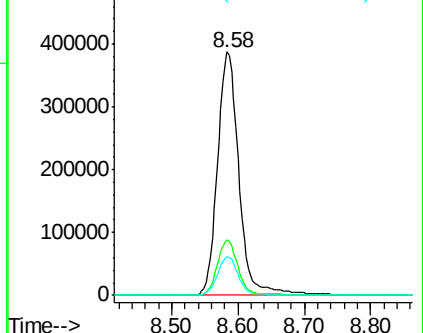
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054646.D
 Acq: 24 Mar 2019 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB445-190320-FD-(17-19)

Tot Ion:114 Resp: 871905
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 35.2
 88 15.8 0.0 30.2

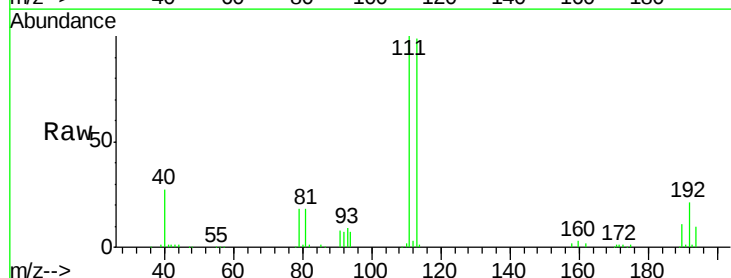


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

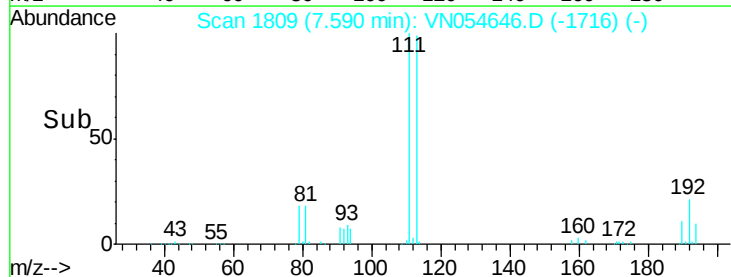
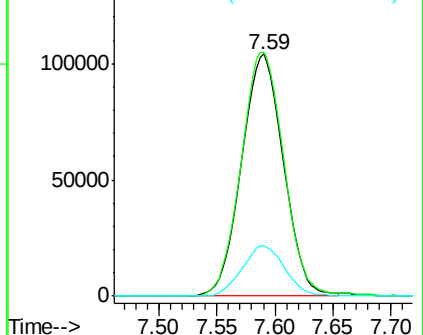


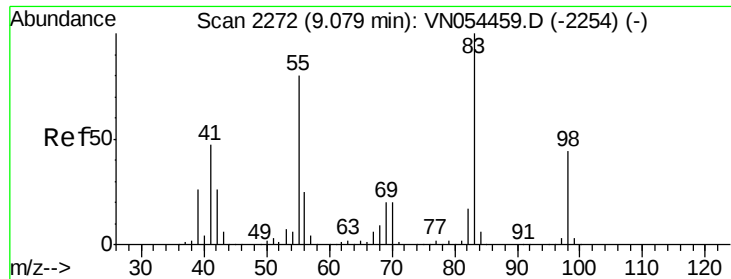
#35
 Dibromofluoromethane
 Concen: 46.489 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054646.D
 Acq: 24 Mar 2019 14:22

Tgt Ion:113 Resp: 261142
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 21.1 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

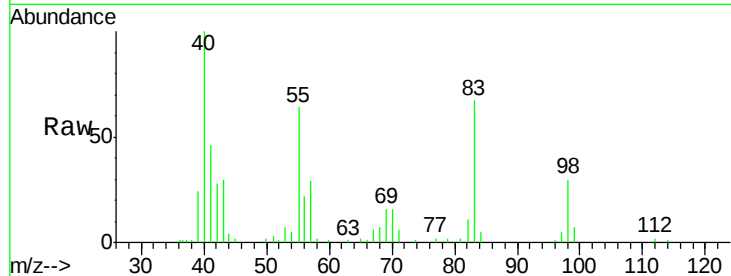




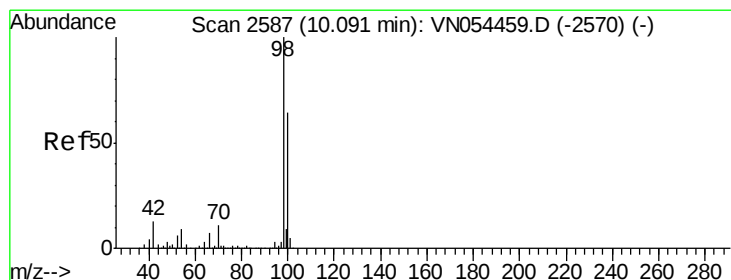
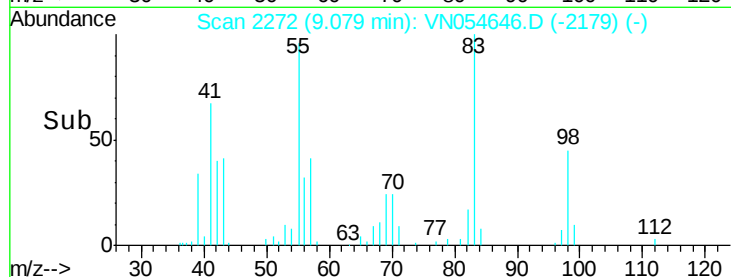
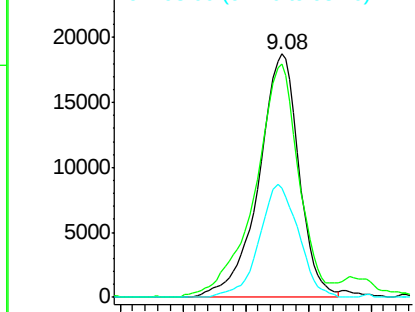
#39
Methvlcvclohexane
Concen: 4.488 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
WP022SB445-190320-FD-(17-19)

Tot Ion: 83 Resp: 41848
Ion Ratio Lower Upper
83 100
55 94.7 56.6 84.8#
98 45.1 38.4 57.6

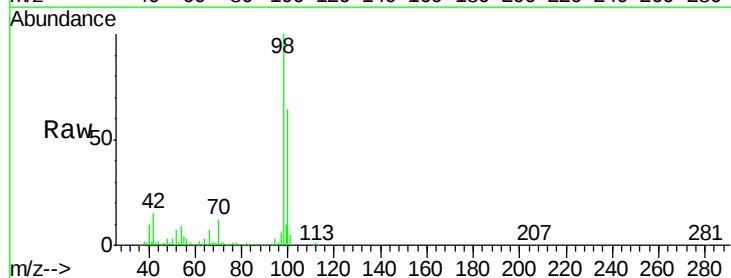


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

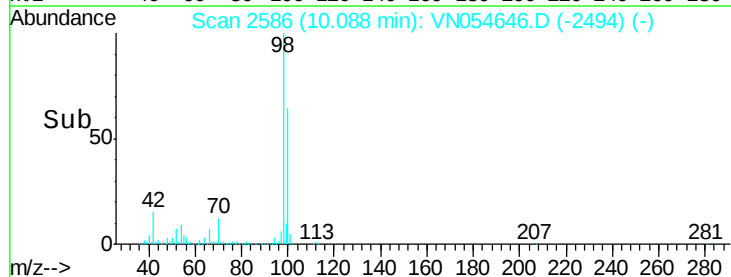
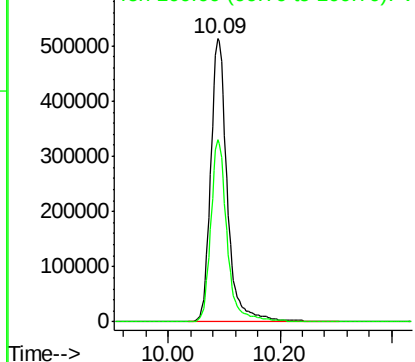


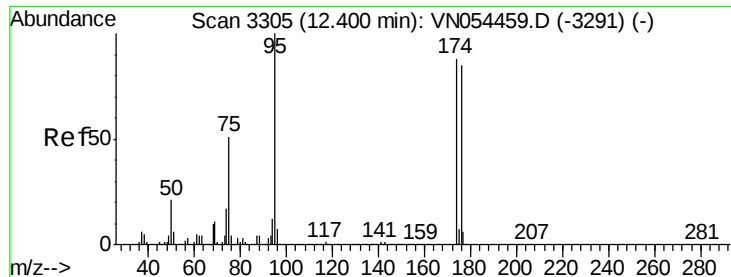
#50
Toluene-d8
Concen: 50.266 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

Tgt Ion: 98 Resp: 1061487
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

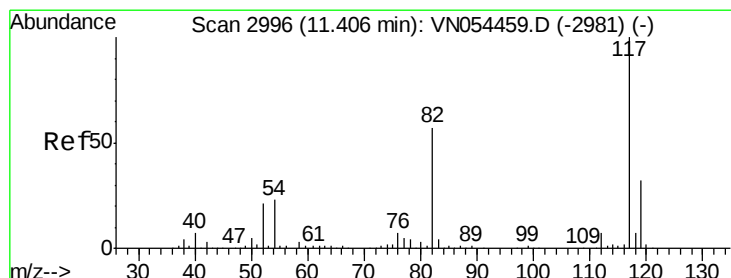
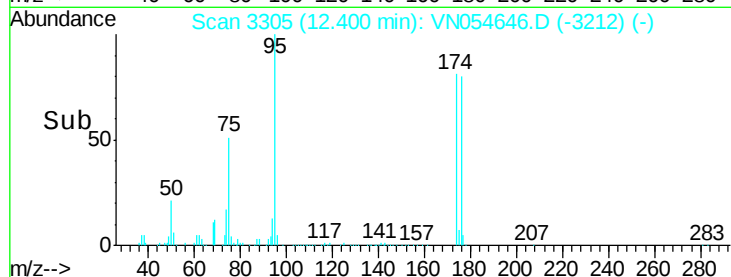
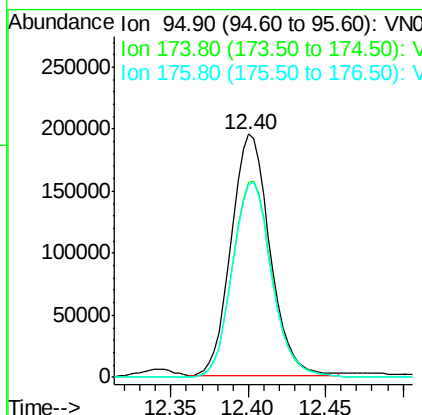
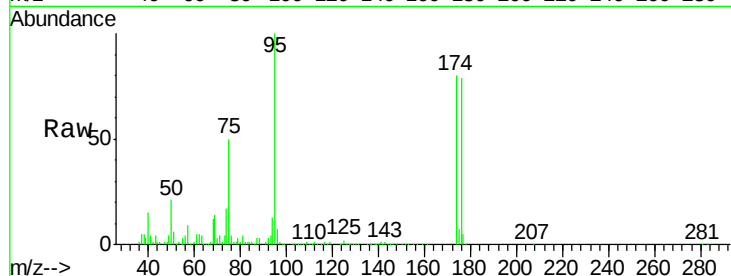




#62
4-Bromofluorobenzene
Concen: 47.008 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

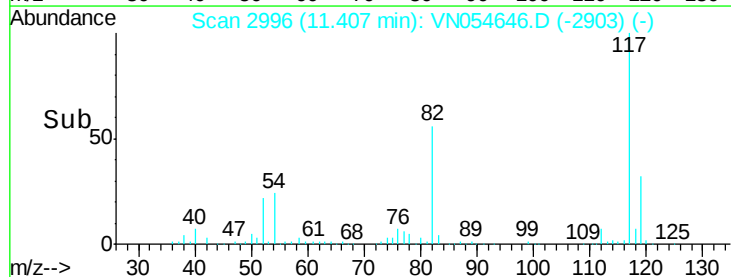
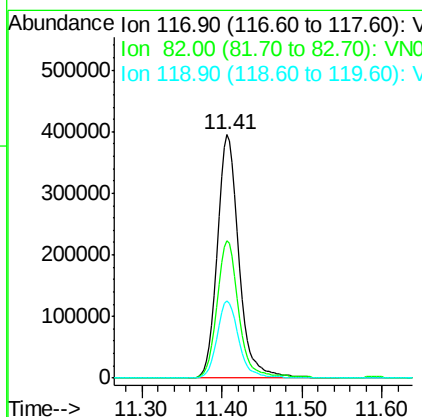
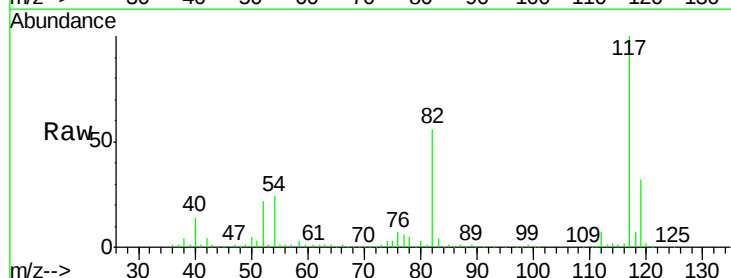
Instrument :
MSVOA_N
ClientSampleId :
WP022SB445-190320-FD-(17-19)

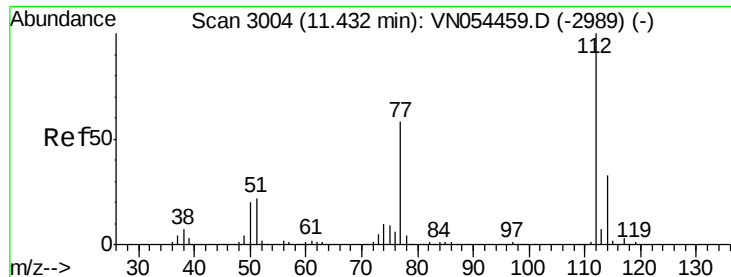
Tot Ion: 95 Resp: 337793
Ion Ratio Lower Upper
95 100
174 83.8 0.0 191.0
176 82.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

Tgt Ion: 117 Resp: 742667
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 31.9 25.8 38.6

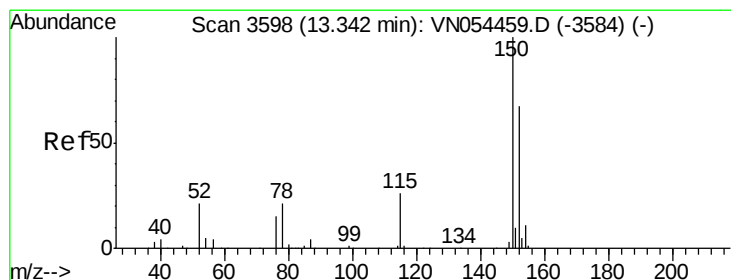
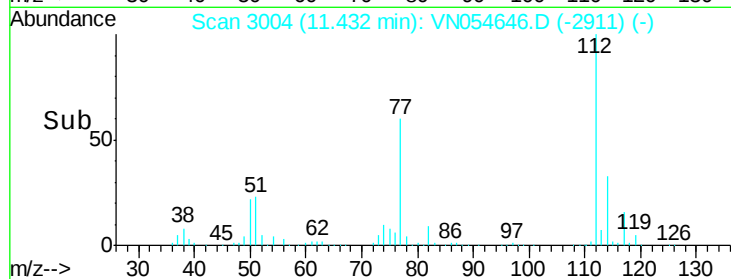
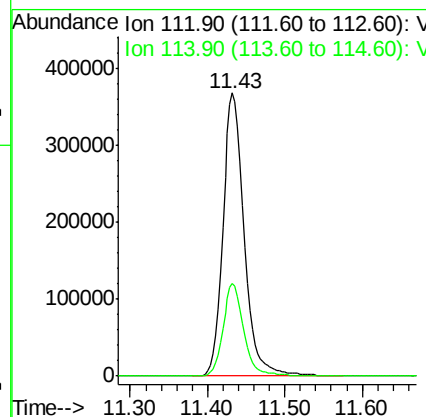
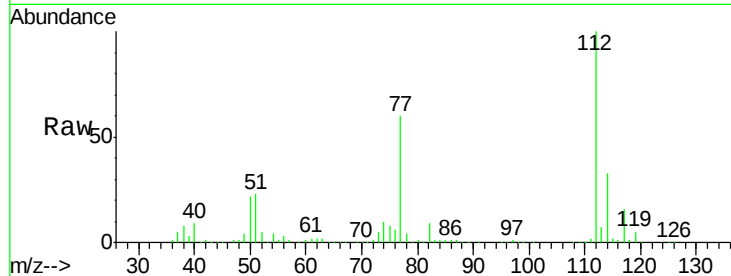




#65
Chlorobenzene
Concen: 46.948 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

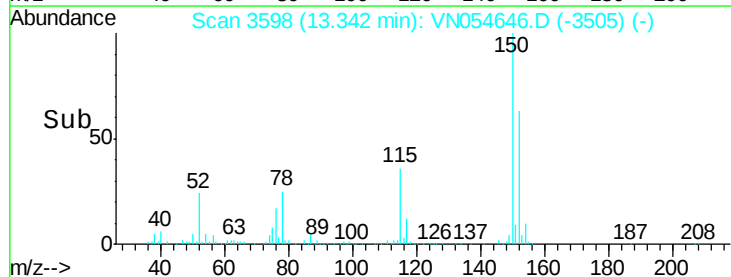
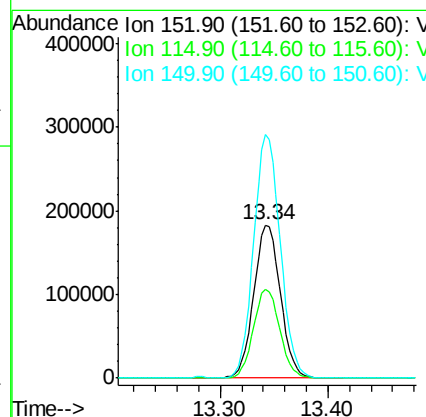
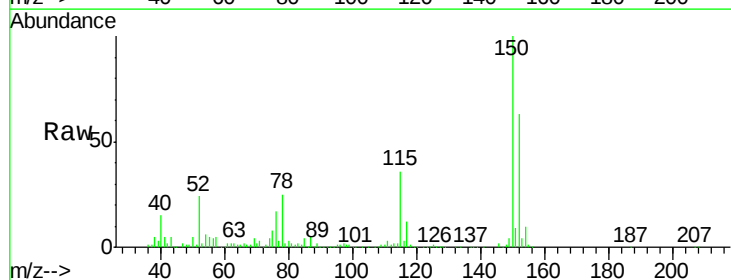
Instrument :
MSVOA_N
ClientSampleId :
WP022SB445-190320-FD-(17-19)

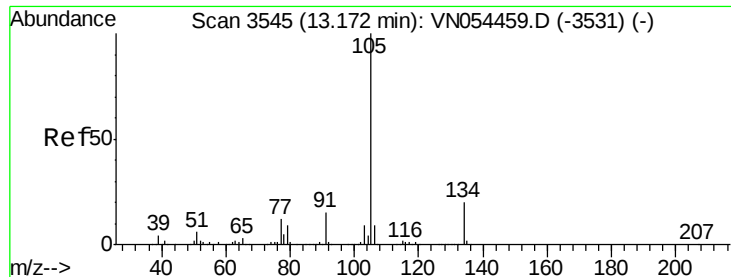
Tot Ion:112 Resp: 709143
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054646.D
Acq: 24 Mar 2019 14:22

Tgt Ion:152 Resp: 315131
Ion Ratio Lower Upper
152 100
115 57.1 27.2 81.6
150 157.9 0.0 349.2





#85

sec-Butylbenzene

Concen: 1.356 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054646.D

Acq: 24 Mar 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

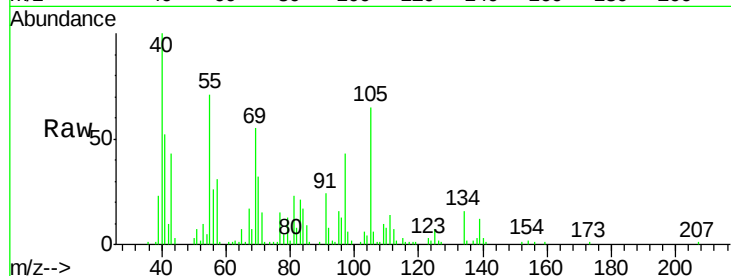
WP022SB445-190320-FD-(17-19)

Tot Ion:105 Resp: 30614

Ion Ratio Lower Upper

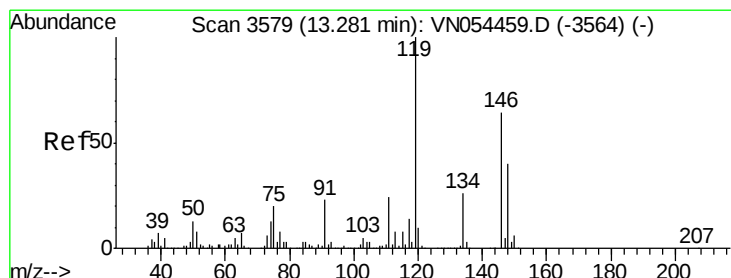
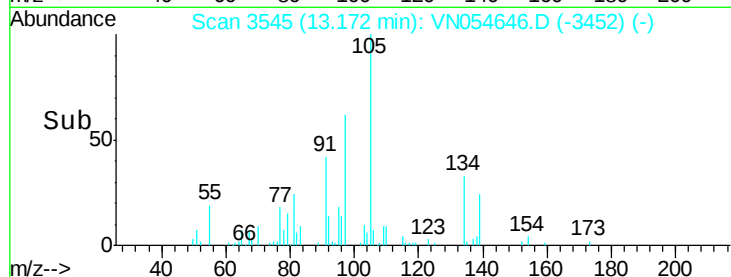
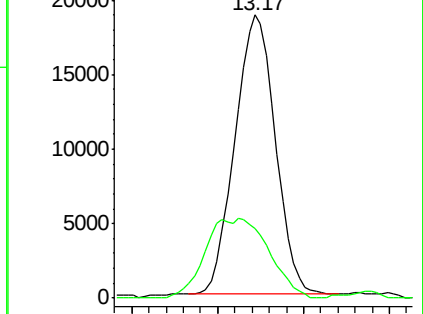
105 100

134 21.2 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 1.945 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054646.D

Acq: 24 Mar 2019 14:22

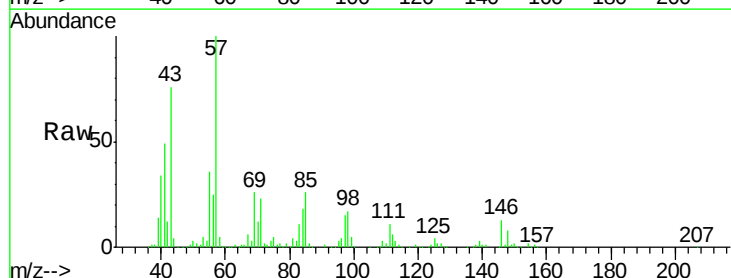
Tgt Ion:146 Resp: 20295

Ion Ratio Lower Upper

146 100

111 87.2 18.8 56.3#

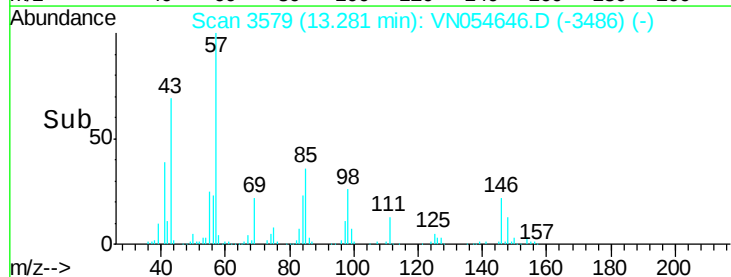
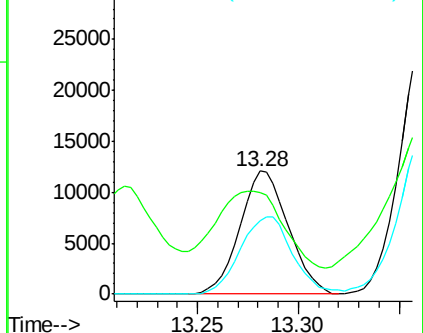
148 67.7 32.2 96.6

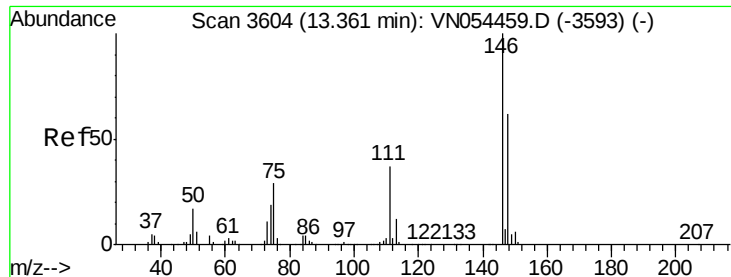


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 4.408 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN054646.D

Acq: 24 Mar 2019 14:22

Instrument :

MSVOA_N

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WP022SB445-190320-FD-(17-19)

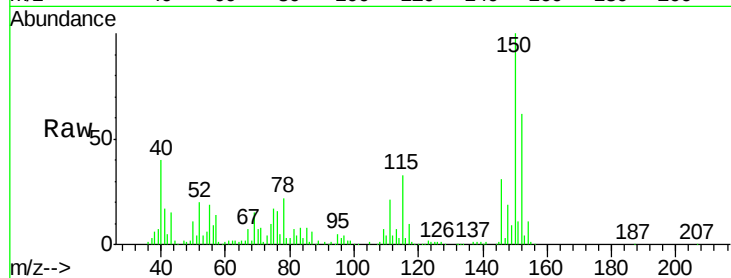
Tot Ion:146 Resp: 44765

Ion Ratio Lower Upper

146 100

111 67.7 18.1 54.1#

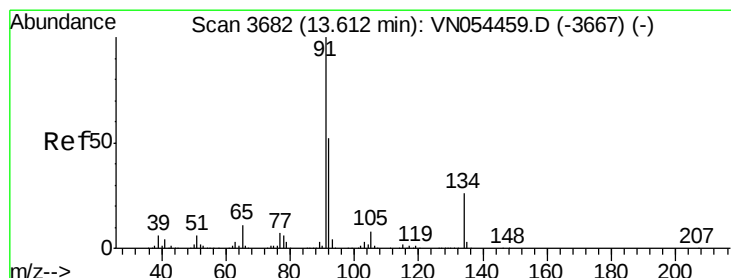
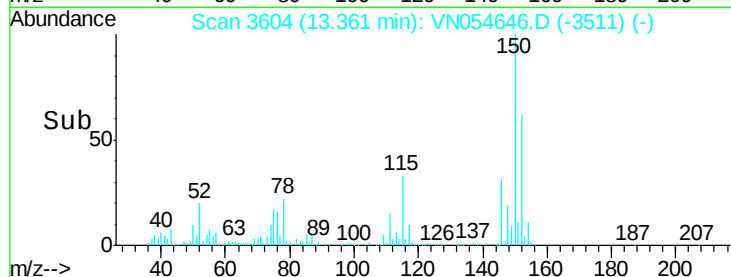
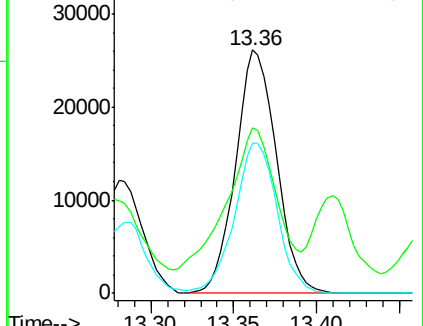
148 64.6 32.0 96.0



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



#89

n-Butylbenzene

Concen: 1.762 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054646.D

Acq: 24 Mar 2019 14:22

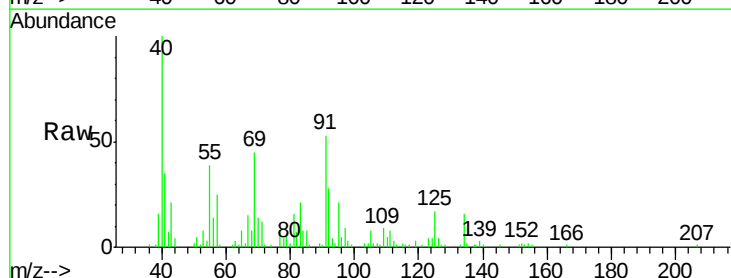
Tgt Ion: 91 Resp: 27836

Ion Ratio Lower Upper

91 100

92 47.8 26.2 78.6

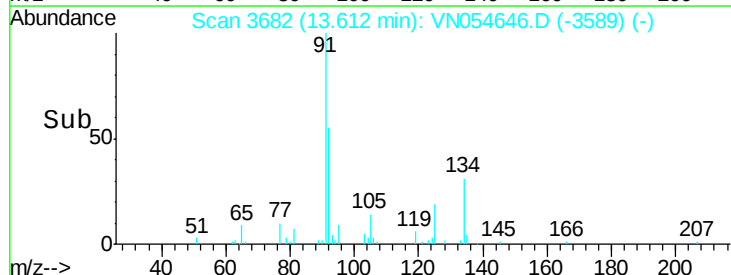
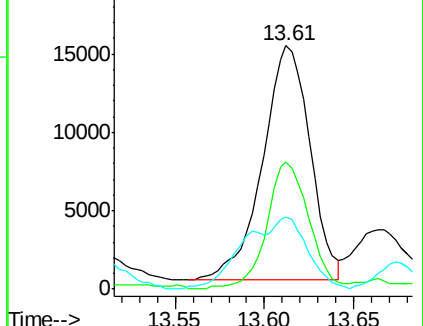
134 21.6 14.3 42.9

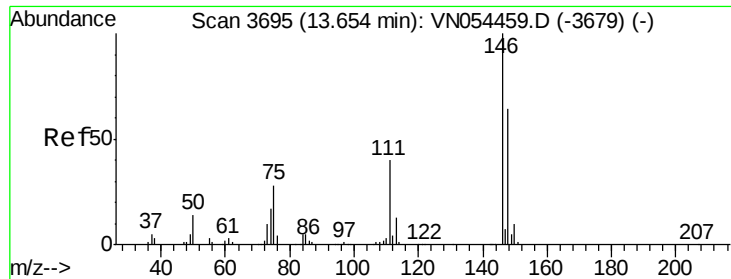


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 5.968 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054646.D

Acq: 24 Mar 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

WP022SB445-190320-FD-(17-19)

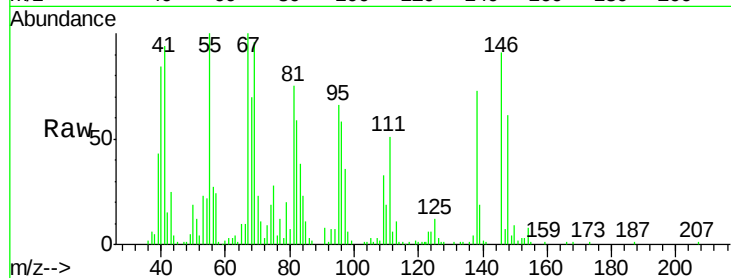
Tot Ion:146 Resp: 60328

Ion Ratio Lower Upper

146 100

111 70.8 19.1 57.3#

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

