

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054623.D
 Acq On : 24 Mar 2019 00:40
 Operator : JC/SP
 Sample : K2043-01ME
 Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(12-14)ME

Quant Time: Mar 25 05:11:45 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	518159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	823342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	342926	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	329206	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	246761	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
50) Toluene-d8	10.09	98	1009482	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	339098	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

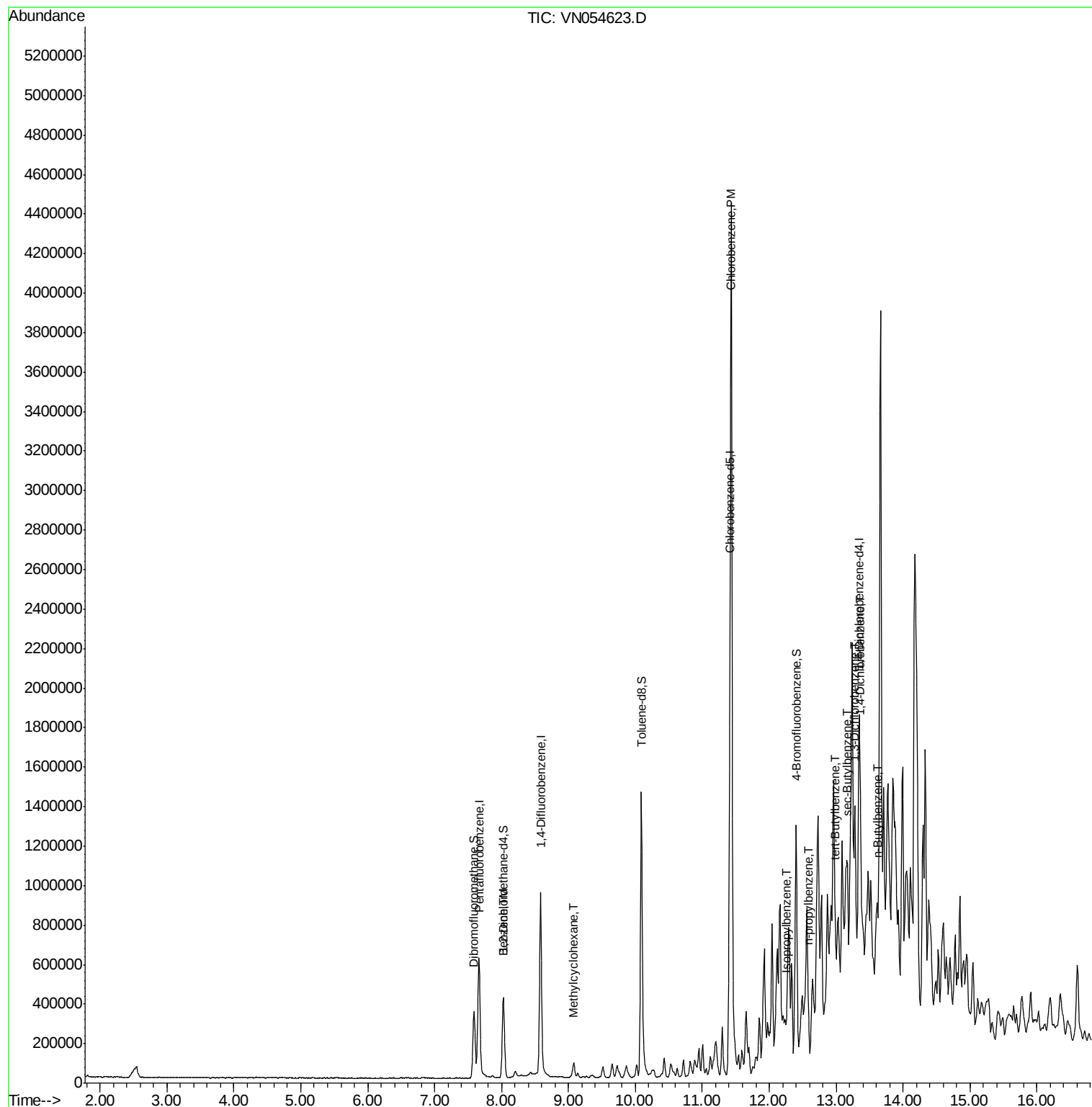
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	26483	3.007	ug/l #	84
40) Benzene	8.04	78	33797	1.535	ug/l	92
65) Chlorobenzene	11.43	112	2419818	161.653	ug/l	99
73) Isopropylbenzene	12.25	105	33300	1.205	ug/l	98
78) n-propylbenzene	12.59	91	85934	2.868	ug/l	96
83) tert-Butylbenzene	12.99	119	70878	3.595	ug/l	95
85) sec-Butylbenzene	13.17	105	112072	4.560	ug/l #	53
87) 1,3-Dichlorobenzene	13.28	146	161120	14.186	ug/l #	80
88) 1,4-Dichlorobenzene	13.36	146	194788	17.627	ug/l #	82
89) n-Butylbenzene	13.62	91	137040	7.971	ug/l	89

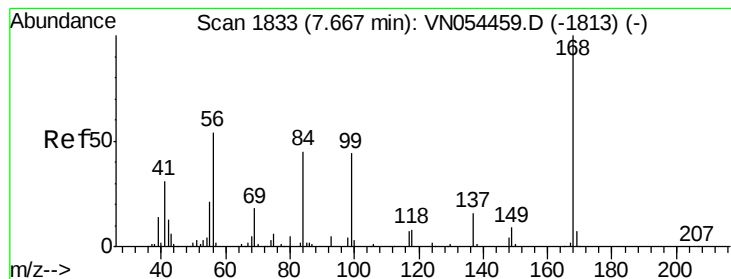
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032319\
Data File : VN054623.D
Acq On : 24 Mar 2019 00:40
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Sample : K2043-01ME
Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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WP022SB442-190319-(12-14)ME

Quant Time: Mar 25 05:11:45 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# 1831

Delta R.T. -0.01 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

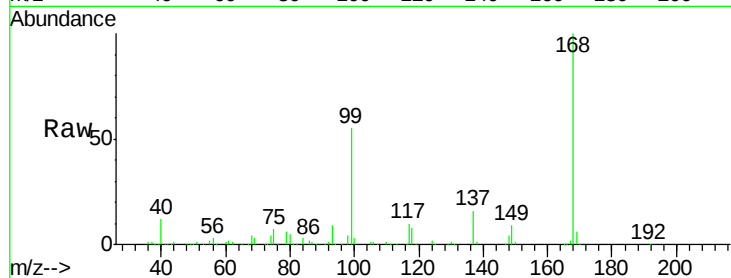
WP022SB442-190319-(12-14)ME

Tot Ion:168 Resp: 518159

Ion Ratio Lower Upper

168 100

99 54.5 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

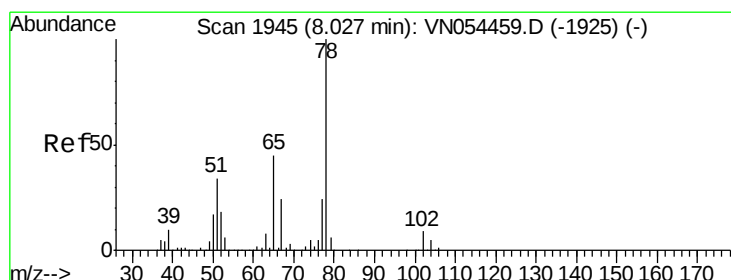
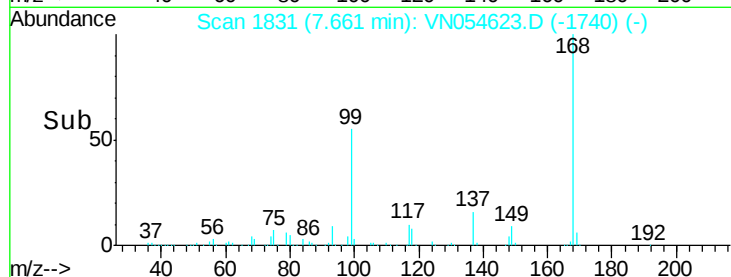
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054623.D

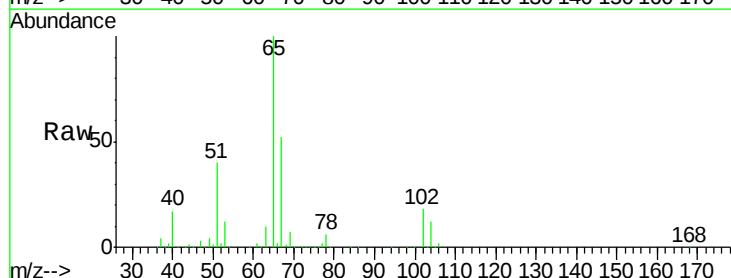
Acq: 24 Mar 2019 00:40

Tgt Ion: 65 Resp: 329206

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

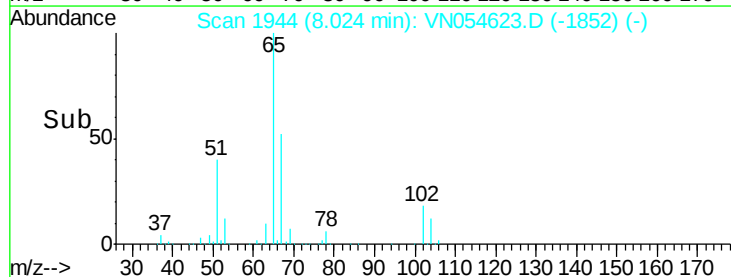
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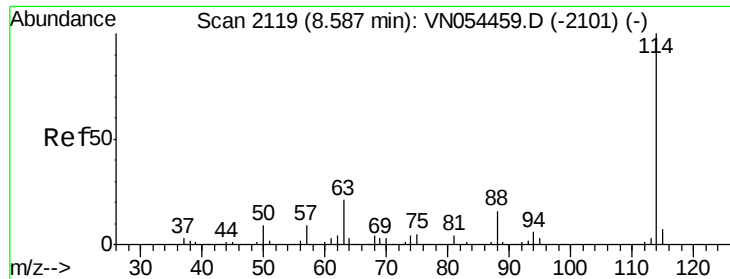
100000

50000

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Time-->

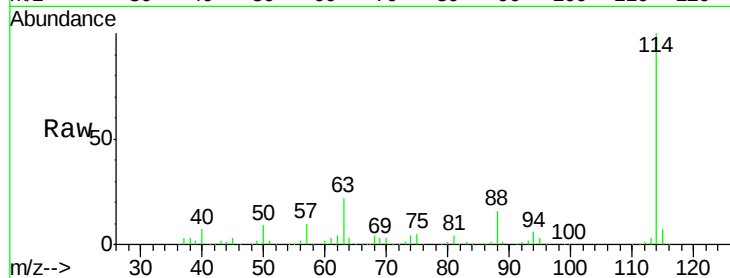




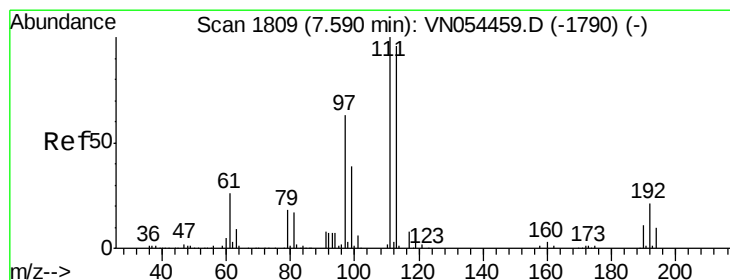
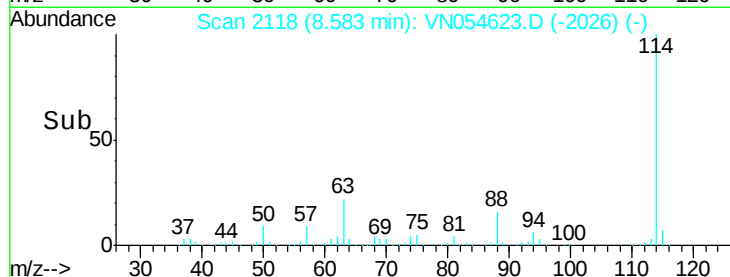
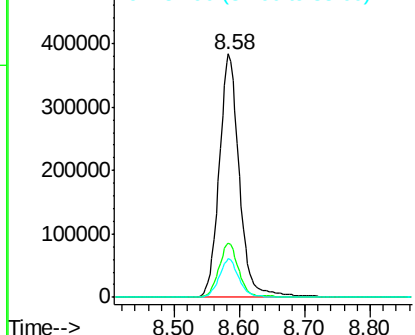
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054623.D
 Acq: 24 Mar 2019 00:40

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(12-14)ME

Tot Ion:114 Resp: 823342
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.7 0.0 30.2

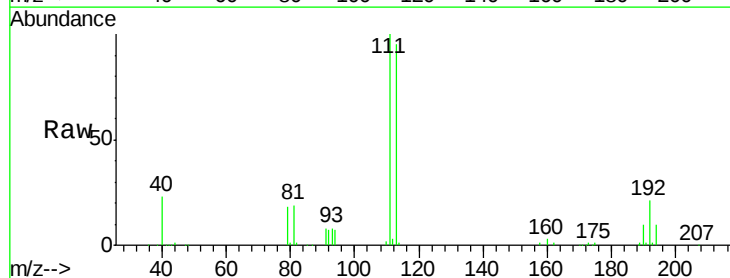


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

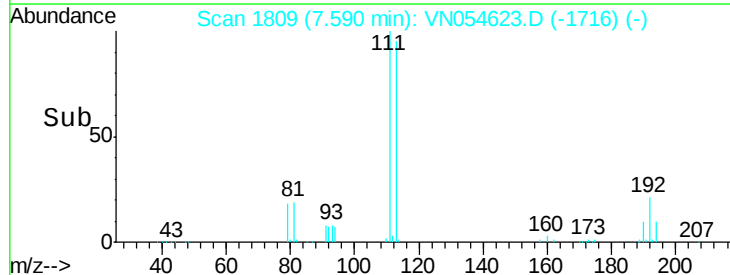
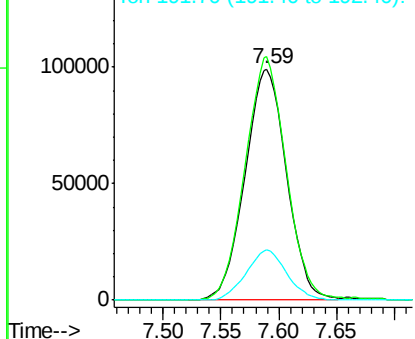


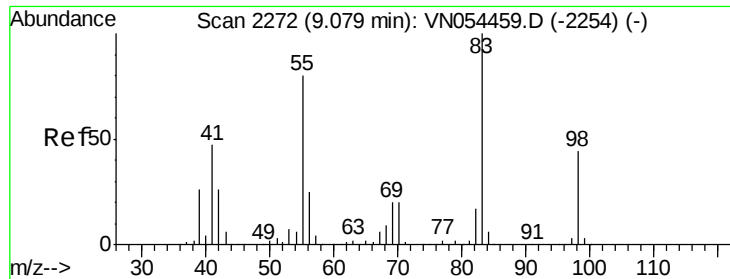
#35
 Dibromofluoromethane
 Concen: 46.520 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054623.D
 Acq: 24 Mar 2019 00:40

Tgt Ion:113 Resp: 246761
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.4
 192 21.2 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

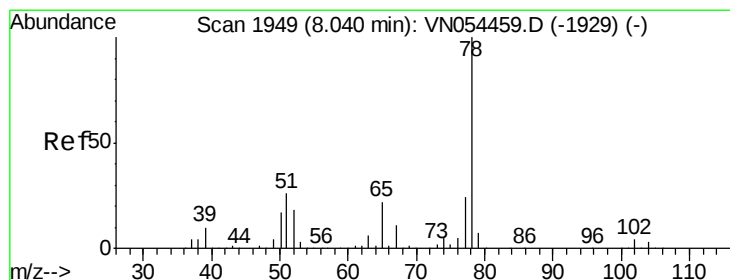
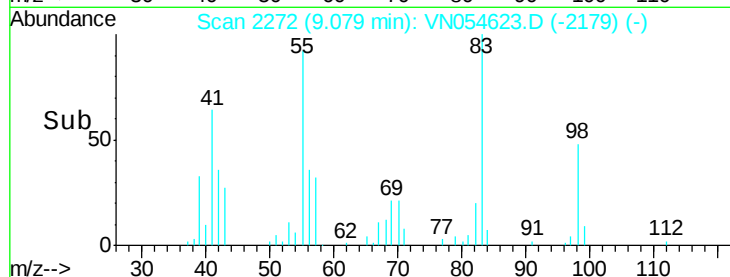
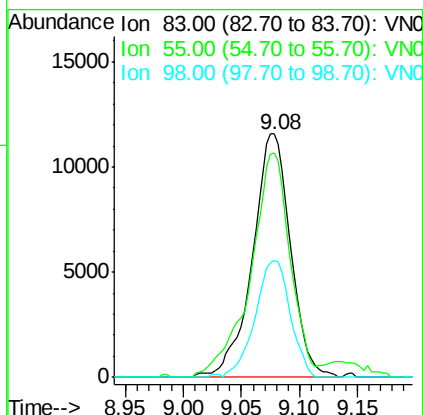
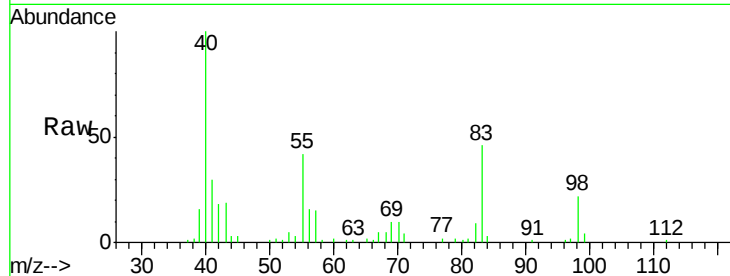




#39
Methvlcvclohexane
Concen: 3.007 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

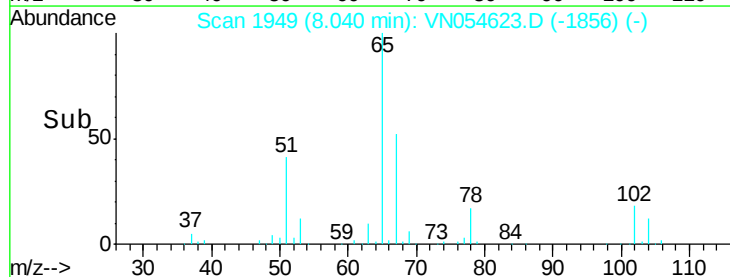
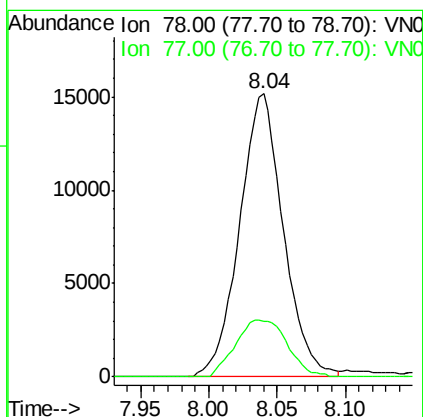
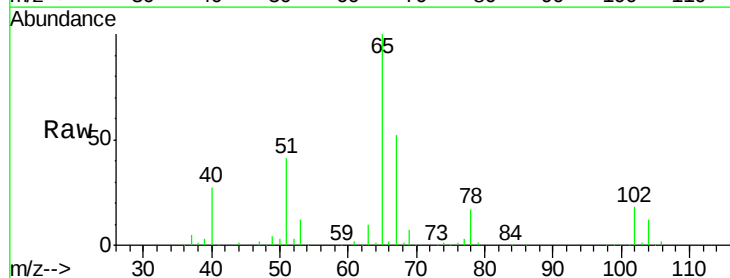
Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(12-14)ME

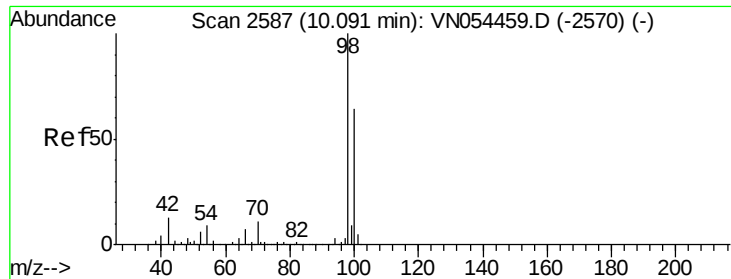
Tot Ion: 83 Resp: 26483
Ion Ratio Lower Upper
83 100
55 92.4 56.6 84.8#
98 48.1 38.4 57.6



#40
Benzene
Concen: 1.535 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

Tgt Ion: 78 Resp: 33797
Ion Ratio Lower Upper
78 100
77 19.7 19.1 28.7





#50

Toluene-d8

Concen: 50.623 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

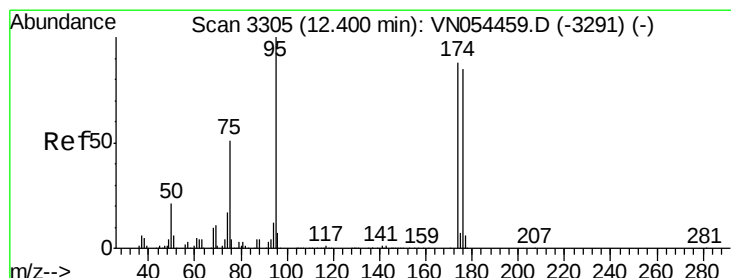
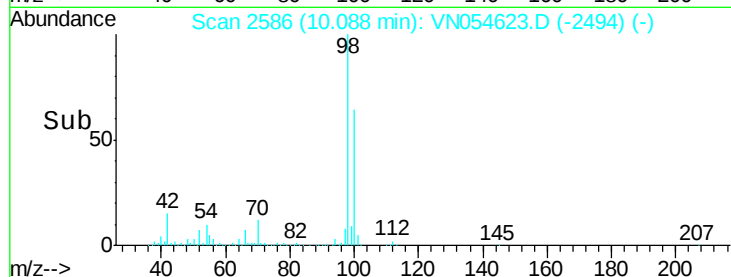
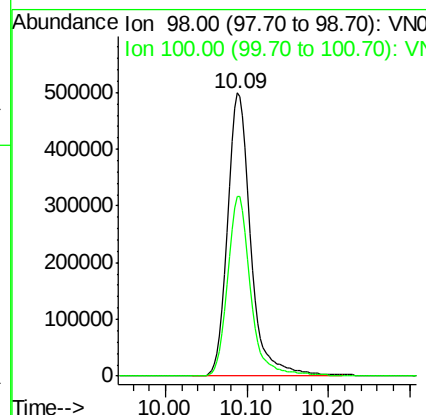
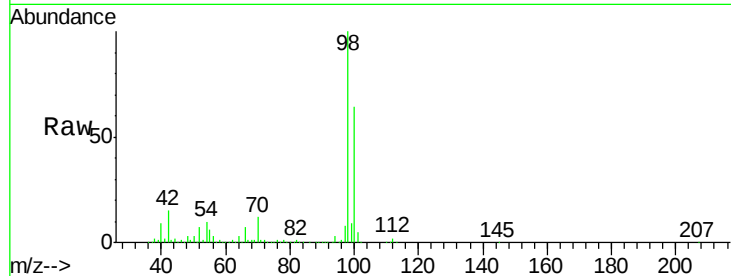
WP022SB442-190319-(12-14)ME

Tot Ion: 98 Resp: 1009482

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.973 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

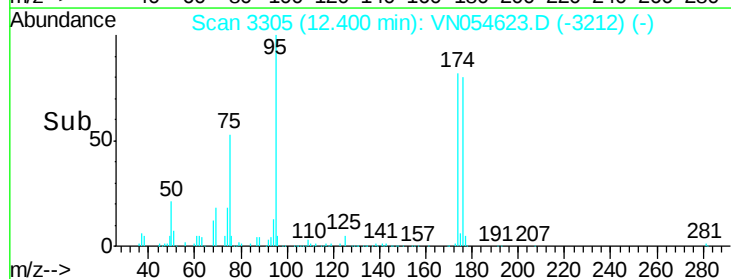
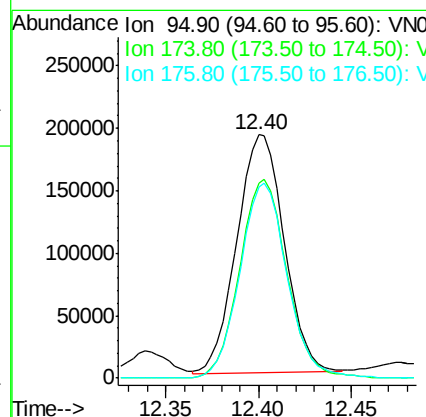
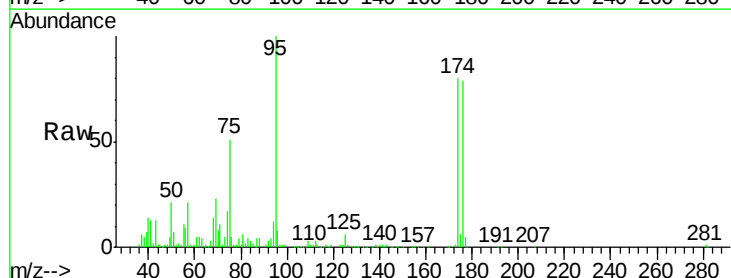
Tgt Ion: 95 Resp: 339098

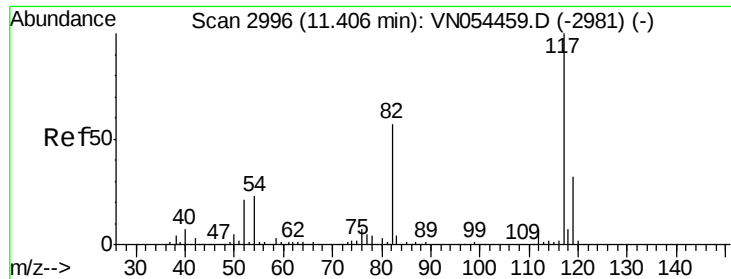
Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

176 81.6 0.0 187.4

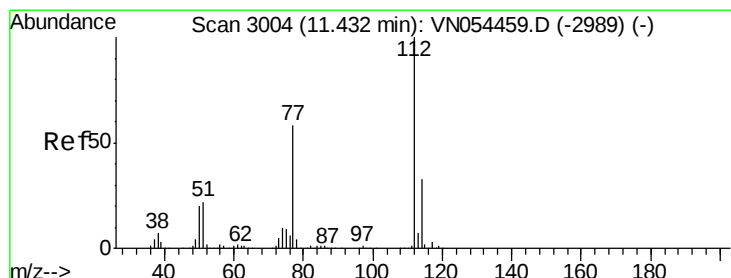
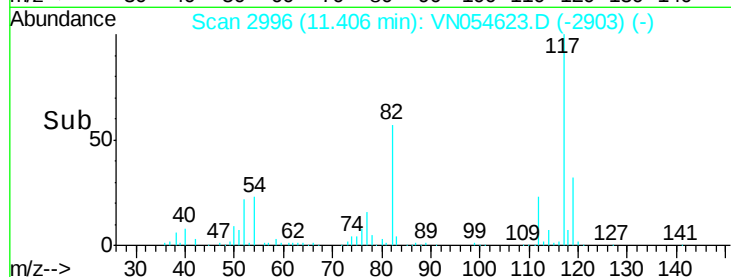
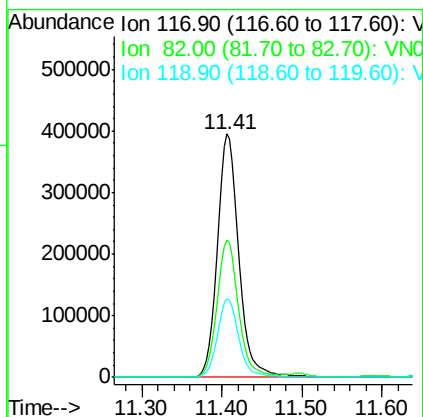
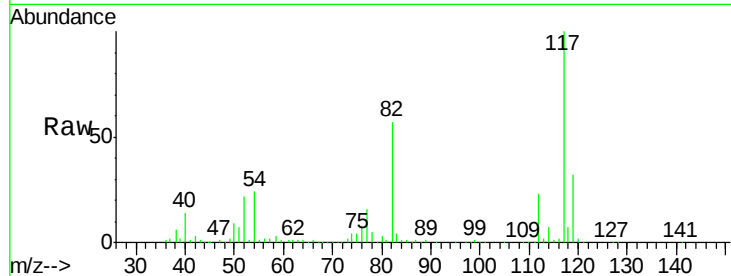




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

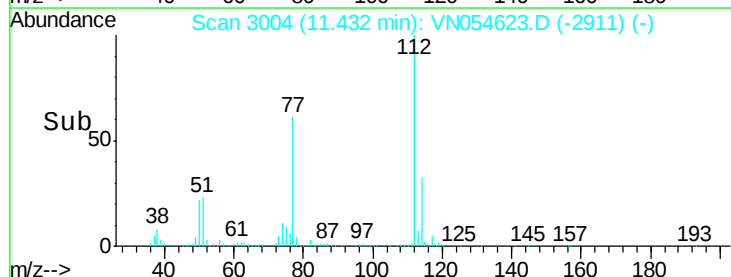
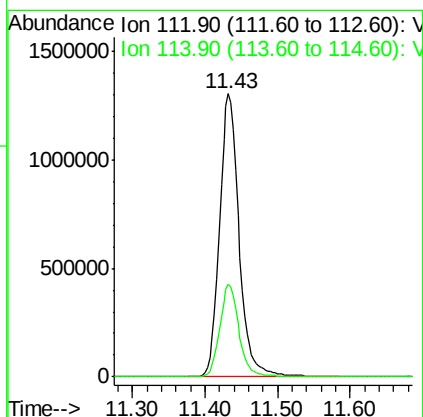
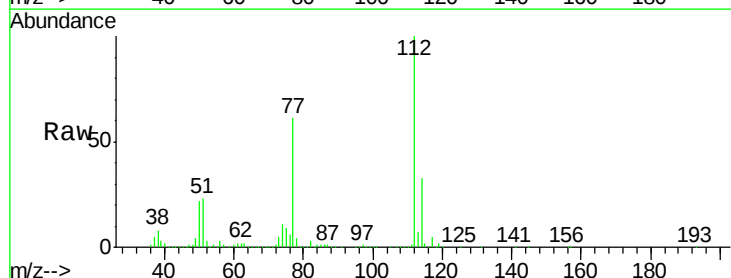
Instrument :
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WP022SB442-190319-(12-14)ME

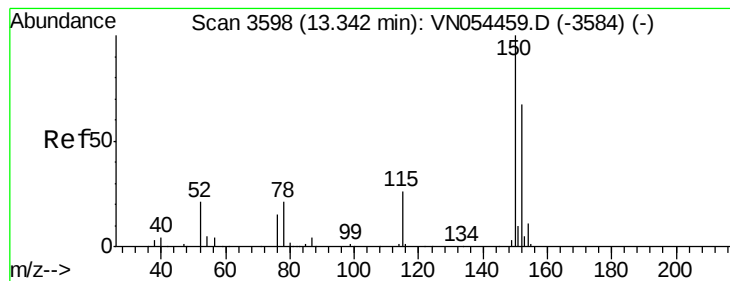
Tot Ion:117 Resp: 735991
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 32.2 25.8 38.6



#65
Chlorobenzene
Concen: 161.653 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

Tgt Ion:112 Resp: 2419818
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



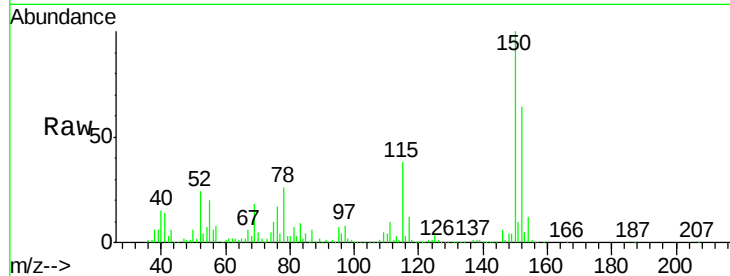


#72

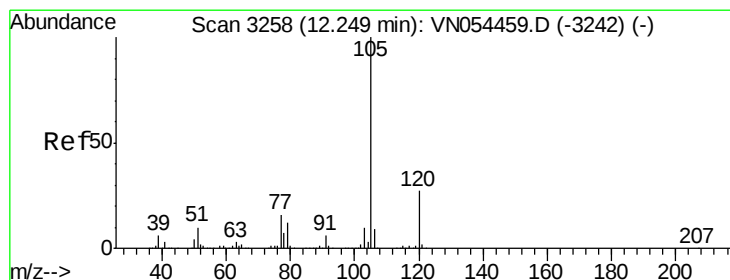
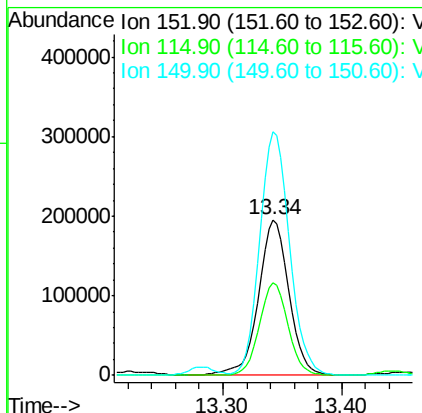
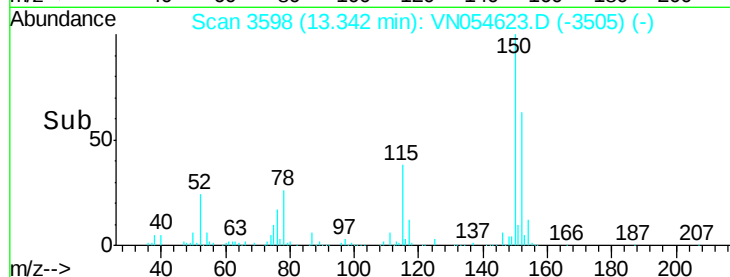
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(12-14)ME

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.2	81.6
150	154.6	0.0	349.2



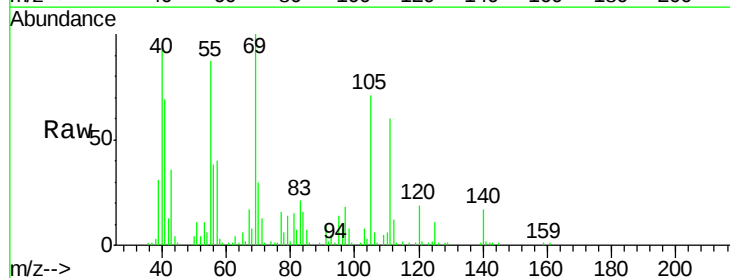
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



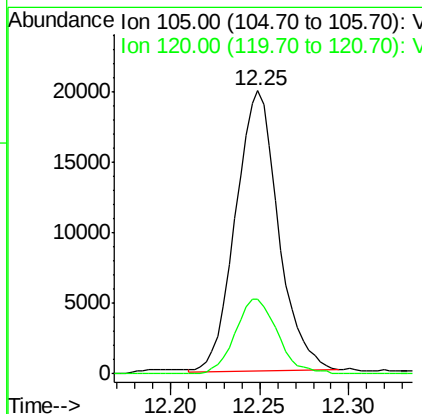
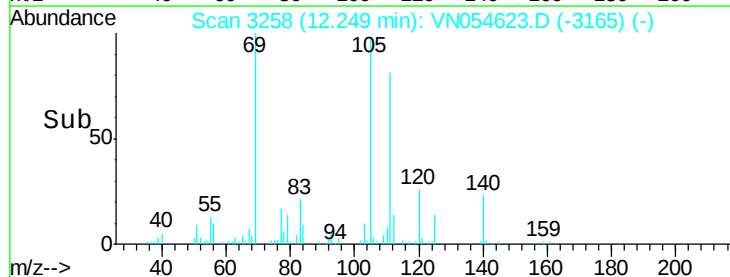
#73

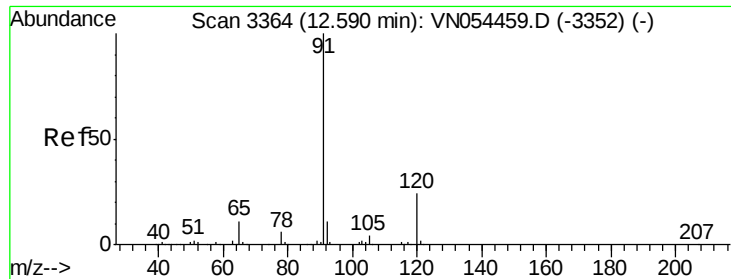
Isopropylbenzene
Concen: 1.205 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN054623.D
Acq: 24 Mar 2019 00:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.8	41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.868 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

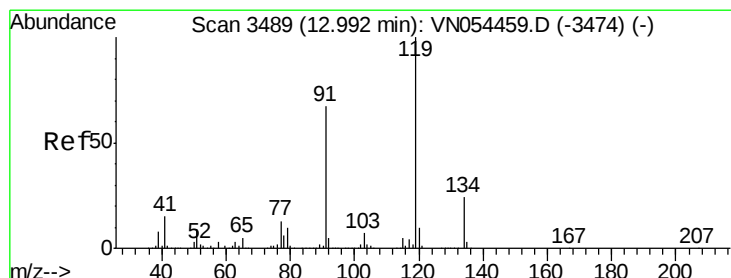
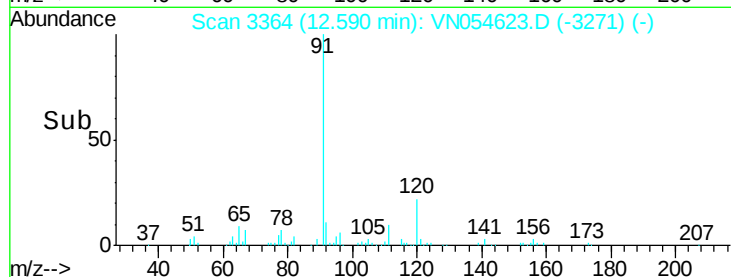
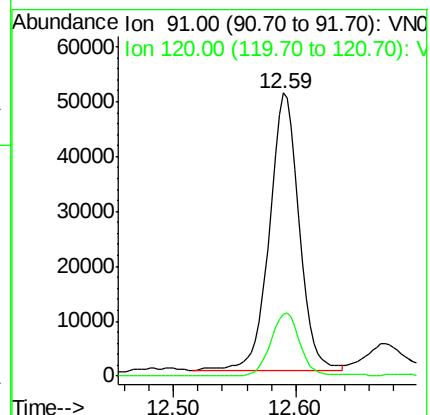
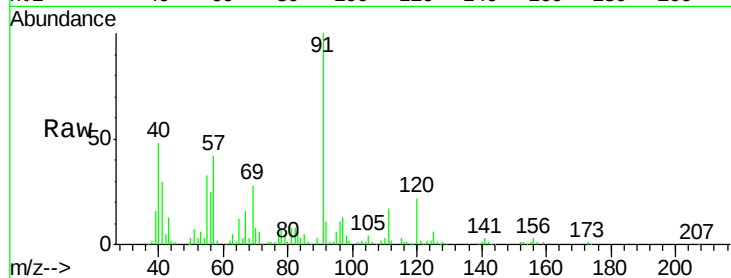
WP022SB442-190319-(12-14)ME

Tot Ion: 91 Resp: 85934

Ion Ratio Lower Upper

91 100

120 22.8 12.3 36.9



#83

tert-Butylbenzene

Concen: 3.595 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

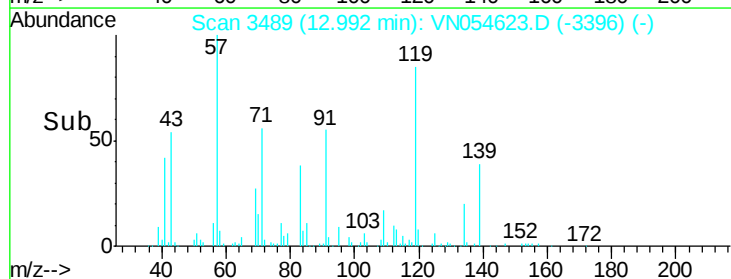
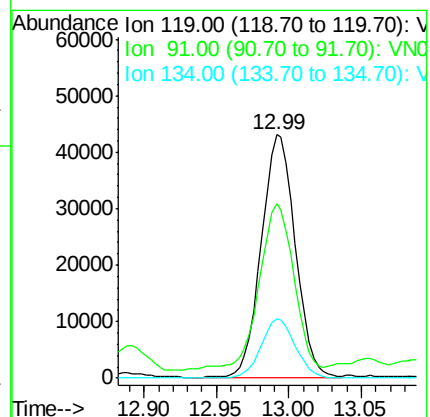
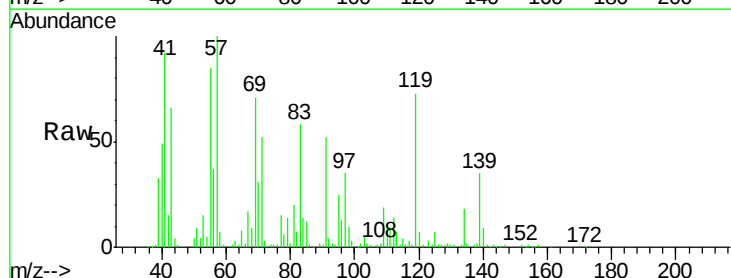
Tgt Ion: 119 Resp: 70878

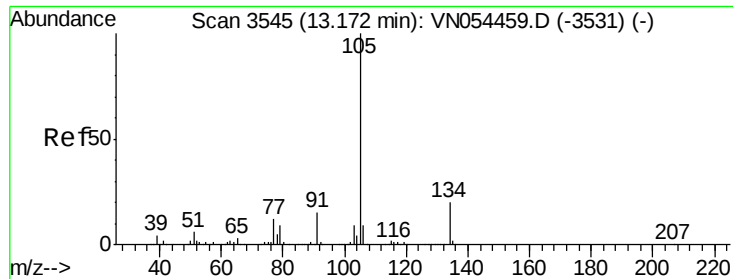
Ion Ratio Lower Upper

119 100

91 65.6 30.9 92.8

134 24.2 13.2 39.6





#85

sec-Butylbenzene

Concen: 4.560 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

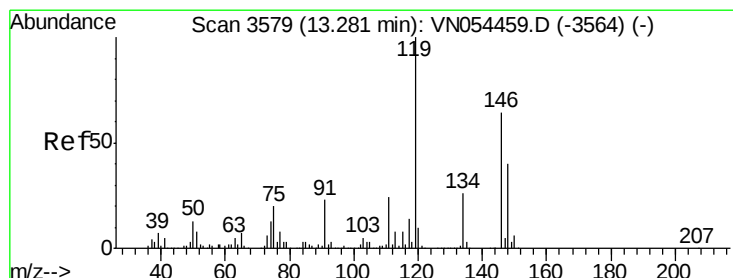
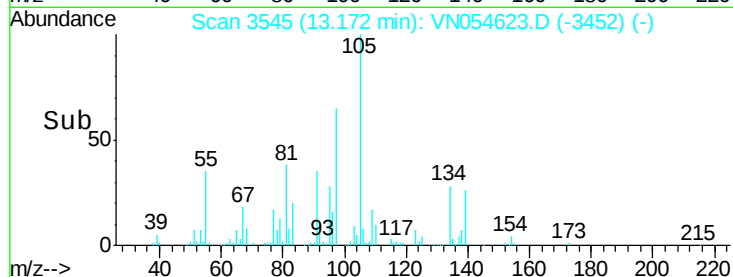
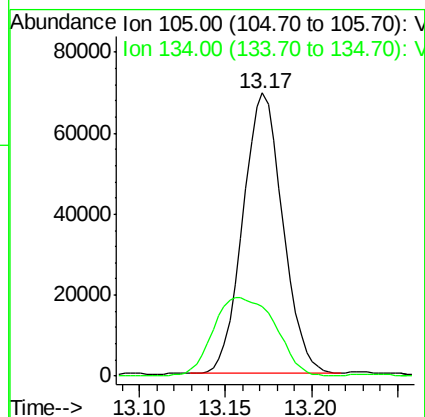
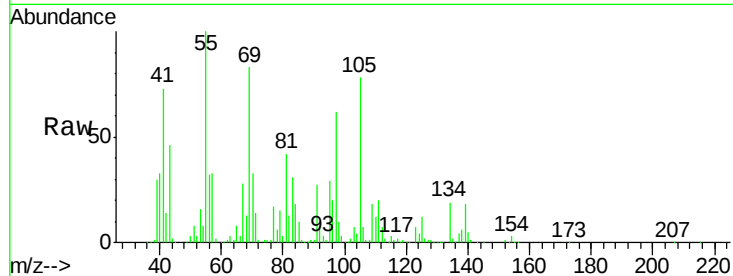
WP022SB442-190319-(12-14)ME

Tot Ion:105 Resp: 112072

Ion Ratio Lower Upper

105 100

134 43.7 10.7 32.1#



#87

1,3-Dichlorobenzene

Concen: 14.186 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

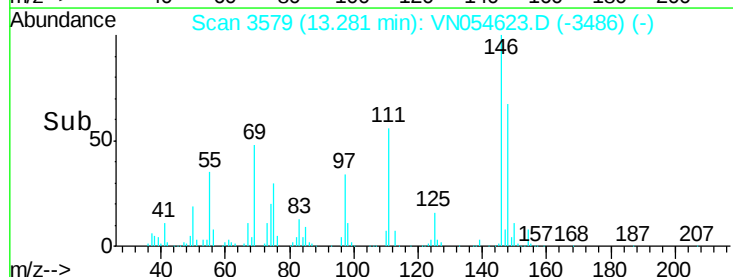
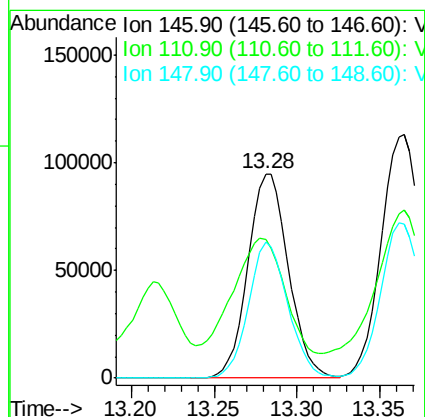
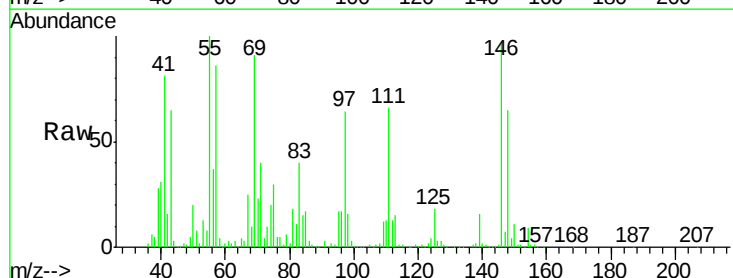
Tgt Ion:146 Resp: 161120

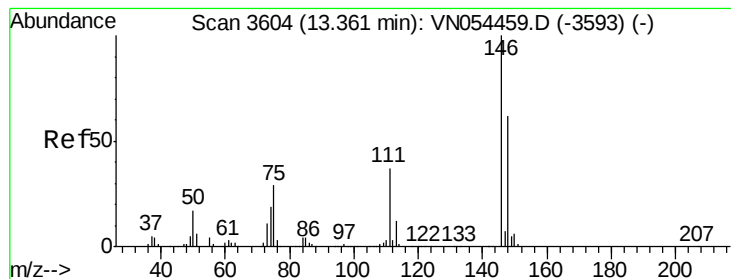
Ion Ratio Lower Upper

146 100

111 69.7 18.8 56.3#

148 64.7 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 17.627 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(12-14)ME

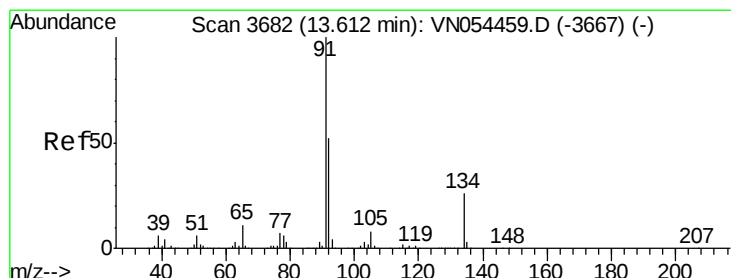
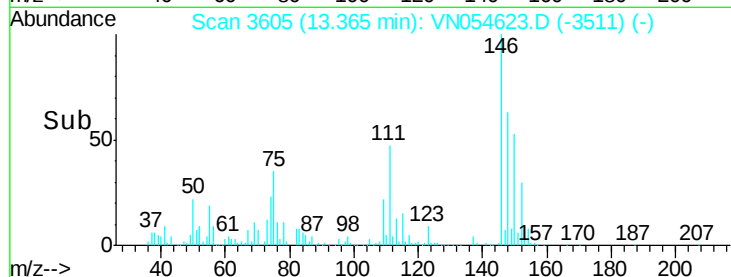
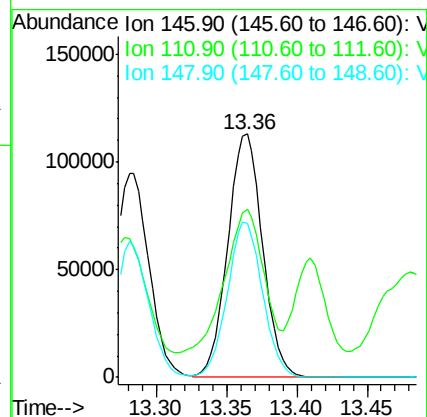
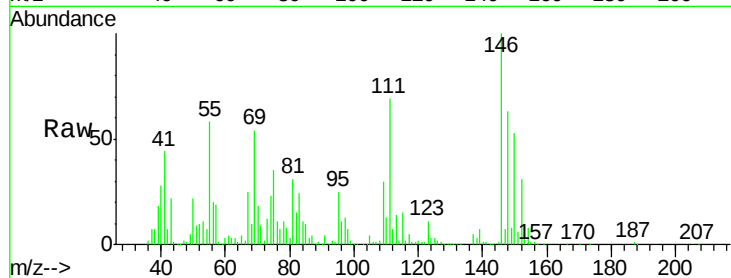
Tot Ion:146 Resp: 194788

Ion Ratio Lower Upper

146 100

111 65.5 18.1 54.1#

148 64.2 32.0 96.0



#89

n-Butylbenzene

Concen: 7.971 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054623.D

Acq: 24 Mar 2019 00:40

Tgt Ion: 91 Resp: 137040

Ion Ratio Lower Upper

91 100

92 47.5 26.2 78.6

134 38.7 14.3 42.9

