

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054631.D
 Acq On : 24 Mar 2019 4:20
 Operator : JC/SP
 Sample : K2043-12
 Misc : 6.52g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB443-190319-(16-18)

Quant Time: Mar 25 05:40:48 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

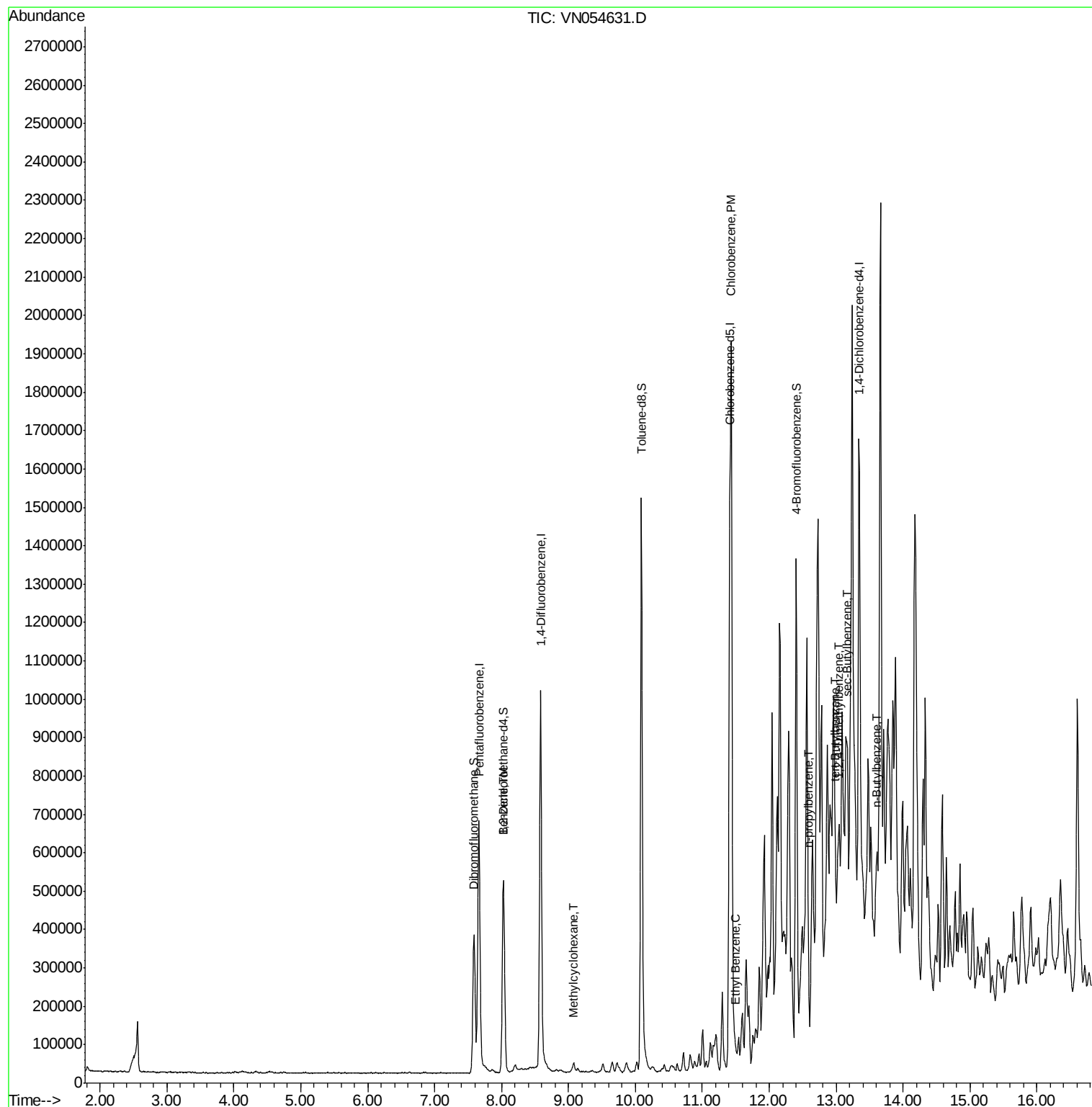
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	558542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	900383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	364832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	357598	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	269413	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.09	98	1110889	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	361653	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	7192	0.747	ug/l	98
40) Benzene	8.04	78	115175	4.784	ug/l	99
65) Chlorobenzene	11.43	112	965903	60.263	ug/l	100
67) Ethyl Benzene	11.51	91	8787	0.310	ug/l	97
78) n-propylbenzene	12.59	91	32509	1.020	ug/l	95
83) tert-Butylbenzene	12.99	119	17664	0.842	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	12269	0.519	ug/l	97
85) sec-Butylbenzene	13.17	105	52886	2.023	ug/l #	53
89) n-Butylbenzene	13.61	91	68765	3.760	ug/l	91

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

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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: VN054631.D

Acq: 24 Mar 2019 4:20

Instrument :

MSVOA_N

ClientSampleId :

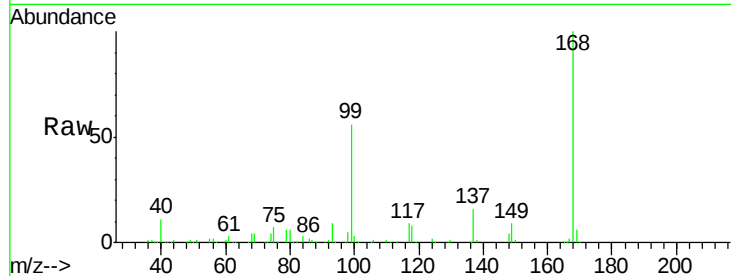
WP022SB443-190319-(16-18)

Tot Ion:168 Resp: 558542

Ion Ratio Lower Upper

168 100

99 55.6 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

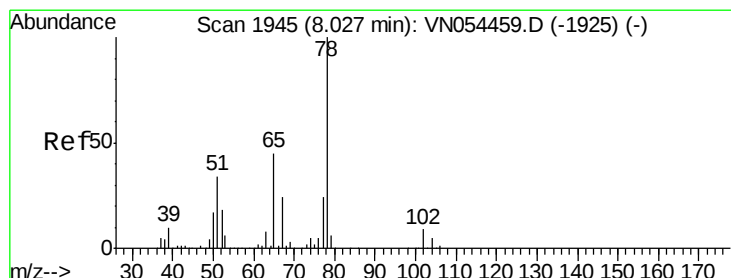
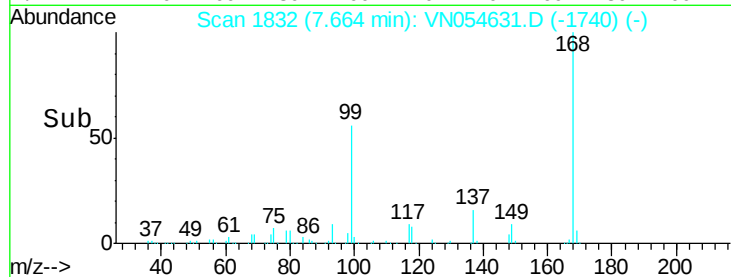
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.472 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054631.D

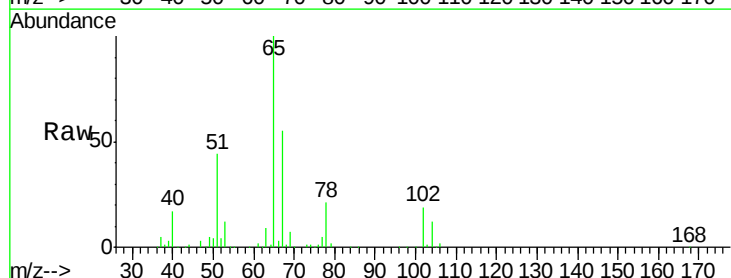
Acq: 24 Mar 2019 4:20

Tgt Ion: 65 Resp: 357598

Ion Ratio Lower Upper

65 100

67 53.2 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

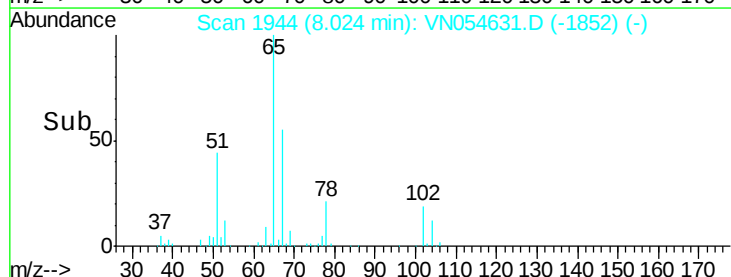
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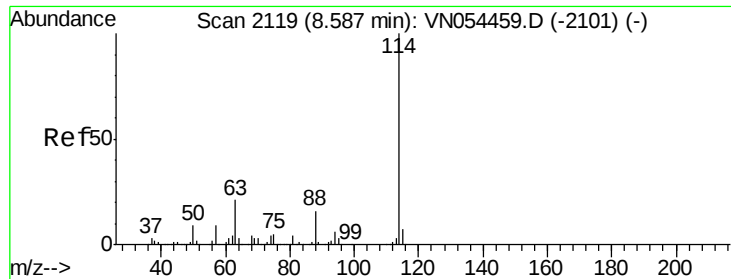
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50000

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Time-->

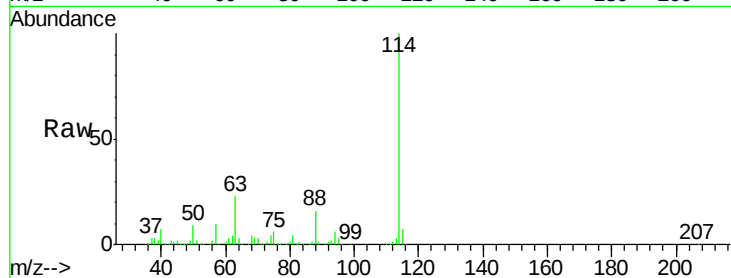




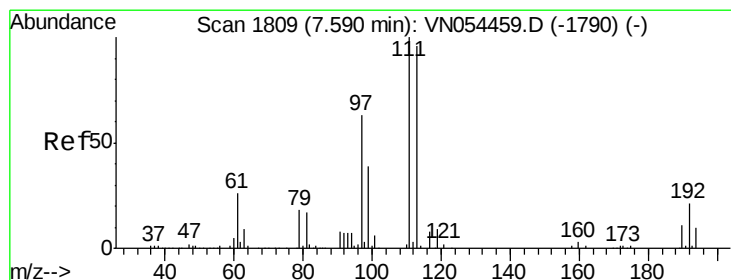
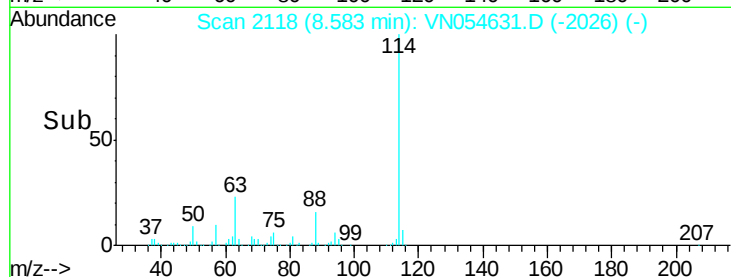
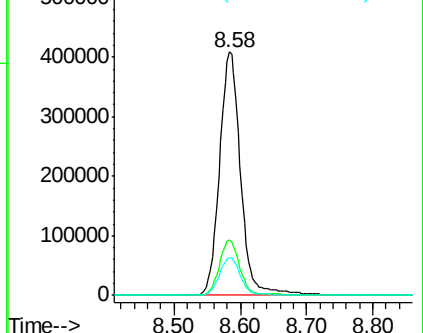
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054631.D
 Acq: 24 Mar 2019 4:20

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB443-190319-(16-18)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.2
88	15.5	0.0	30.2

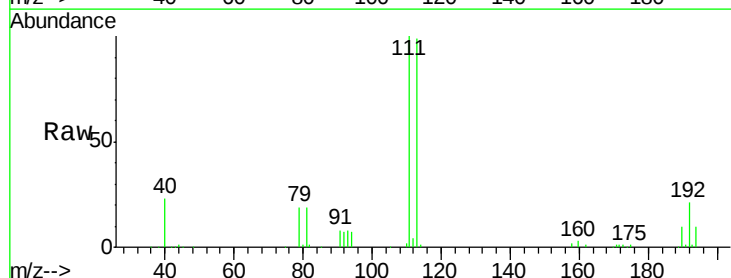


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

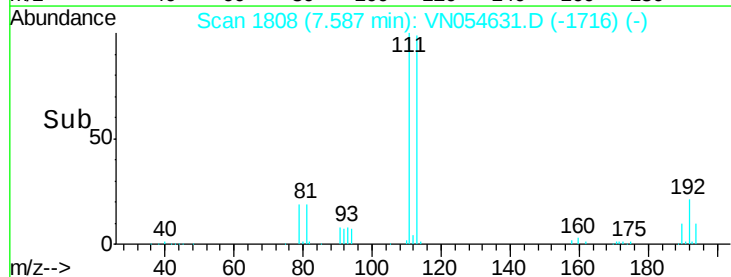
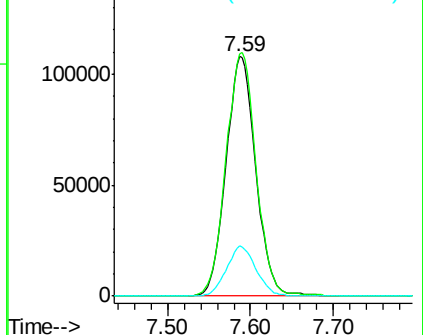


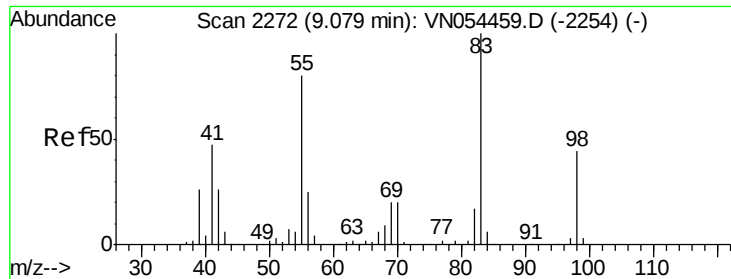
#35
 Dibromofluoromethane
 Concen: 46.445 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054631.D
 Acq: 24 Mar 2019 4:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	20.8	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

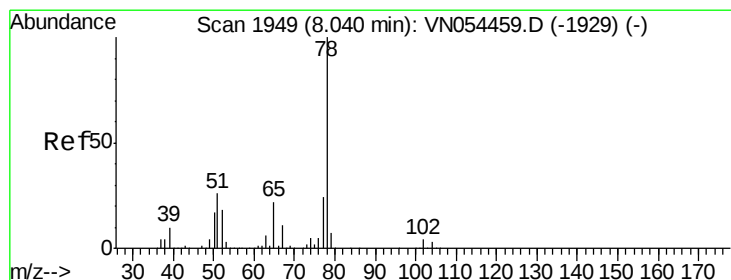
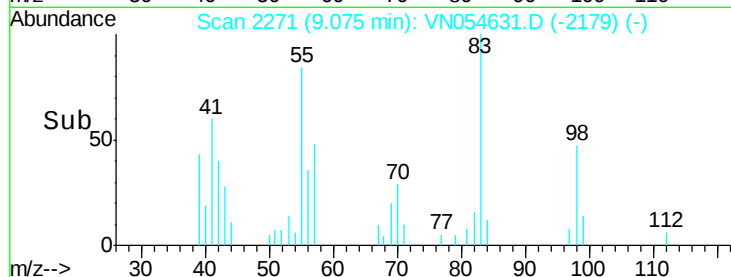
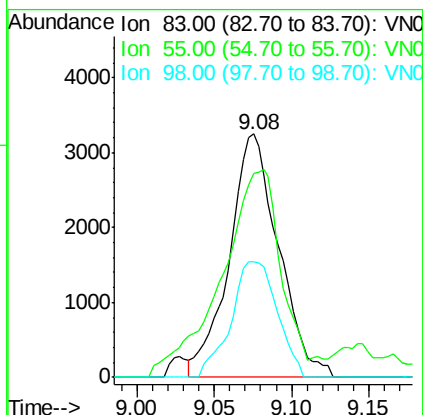
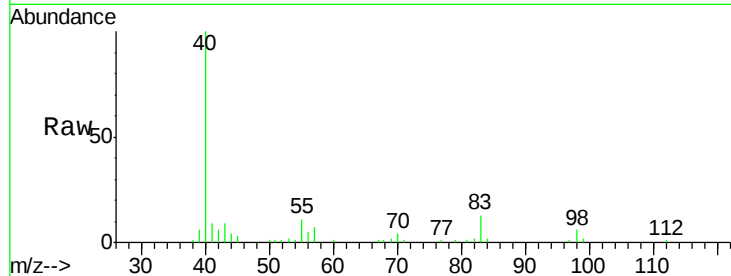




#39
Methvlcvclohexane
Concen: 0.747 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

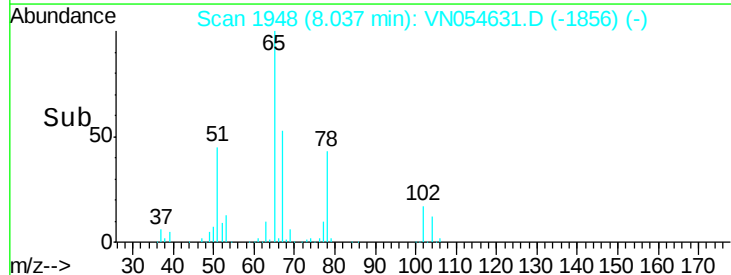
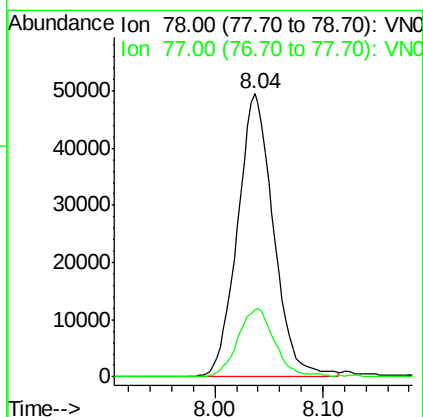
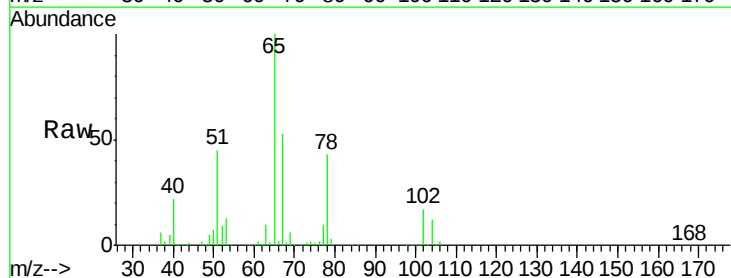
Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(16-18)

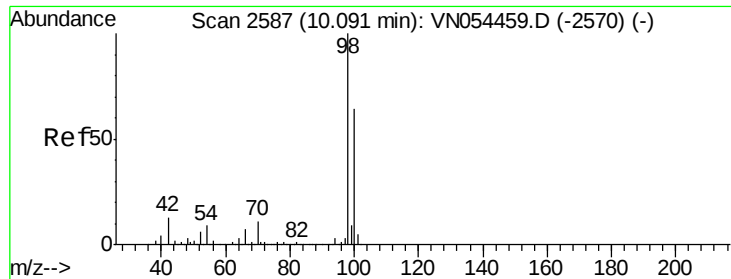
Tot Ion: 83 Resp: 7192
Ion Ratio Lower Upper
83 100
55 73.2 56.6 84.8
98 47.3 38.4 57.6



#40
Benzene
Concen: 4.784 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

Tgt Ion: 78 Resp: 115175
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#50

Toluene-d8

Concen: 50.942 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054631.D

Acq: 24 Mar 2019 4:20

Instrument :

MSVOA_N

ClientSampleId :

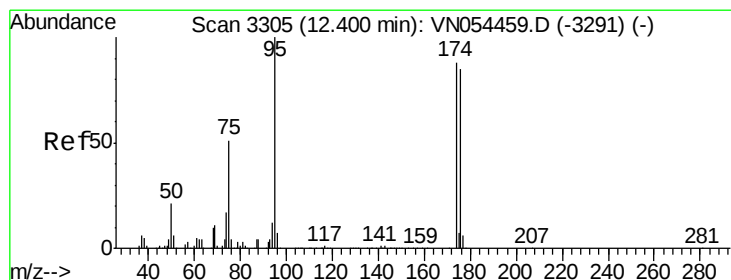
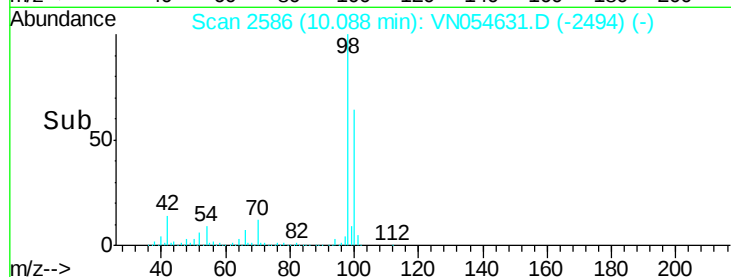
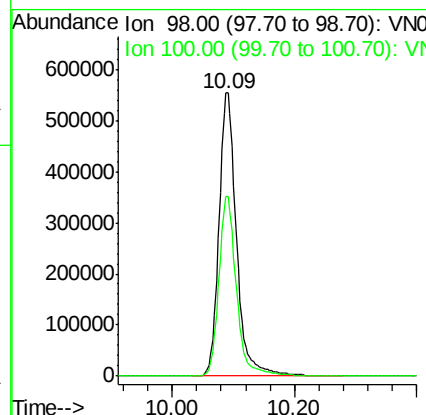
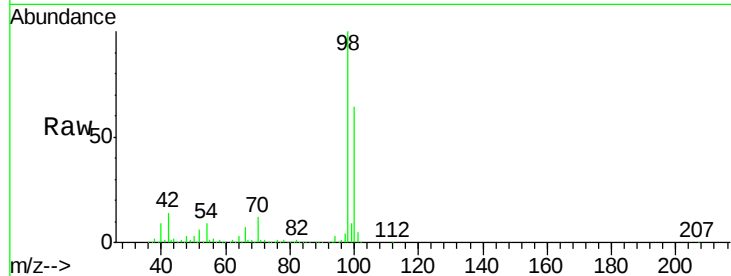
WP022SB443-190319-(16-18)

Tot Ion: 98 Resp: 1110889

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.736 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054631.D

Acq: 24 Mar 2019 4:20

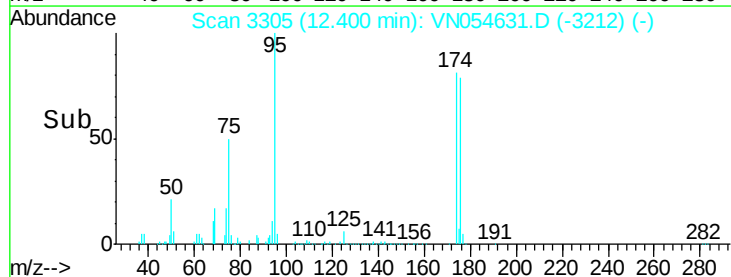
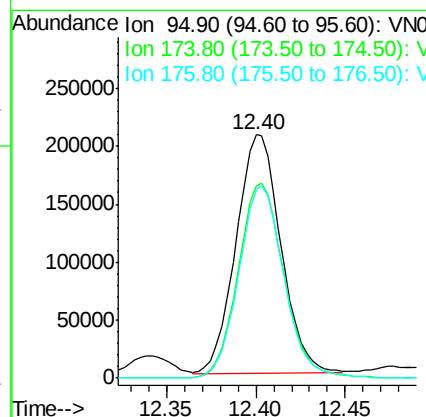
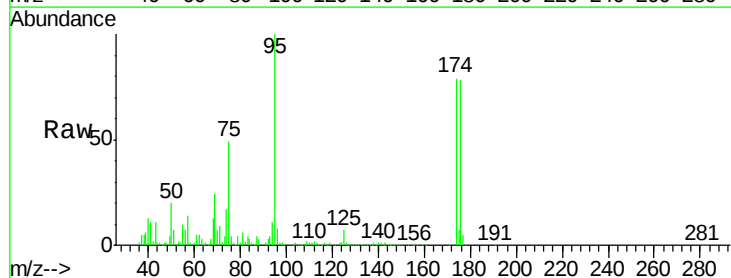
Tgt Ion: 95 Resp: 361653

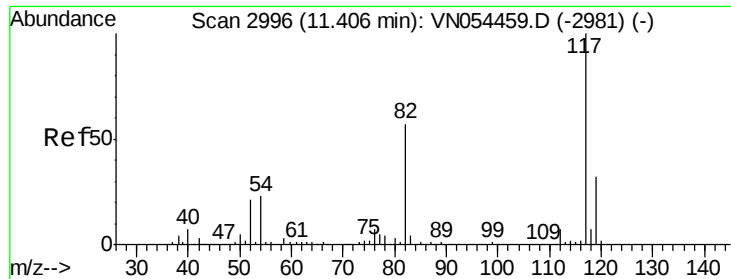
Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

176 81.2 0.0 187.4

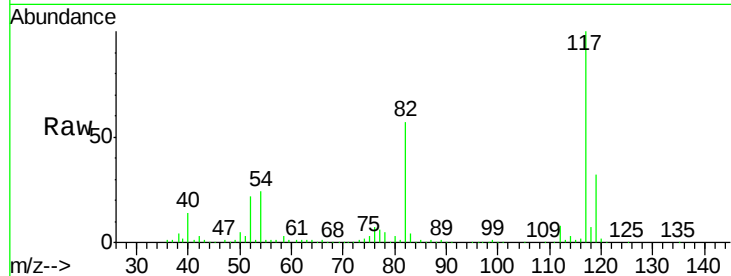




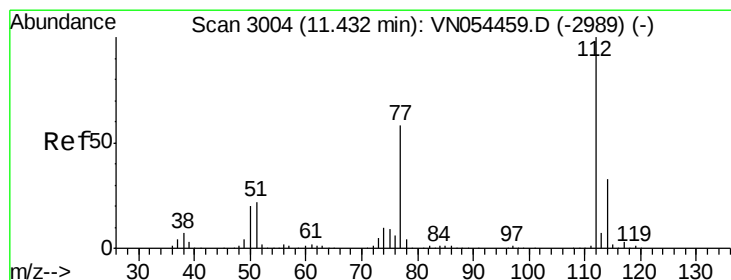
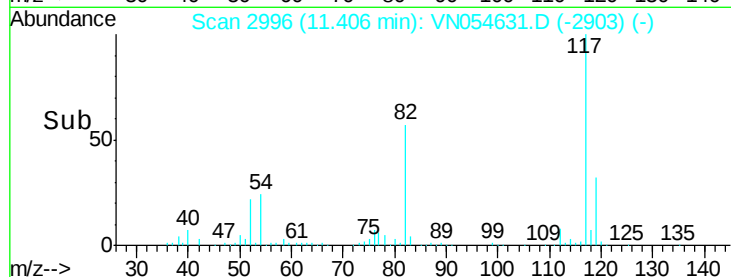
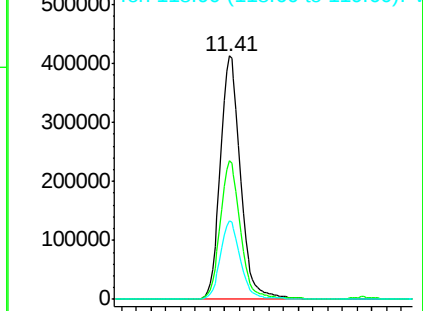
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(16-18)

Tot Ion:117 Resp: 788053
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 32.0 25.8 38.6

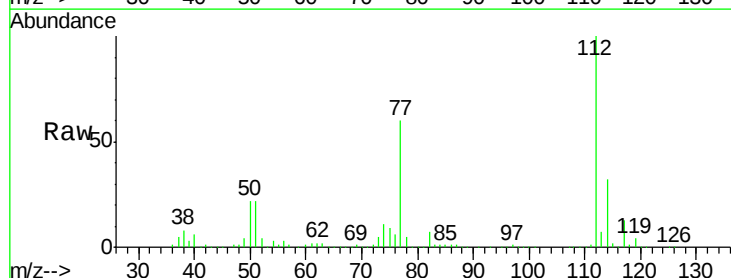


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

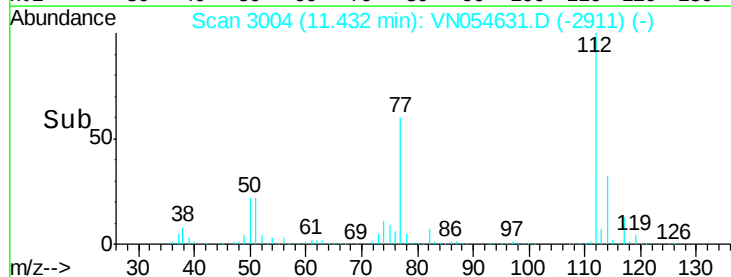
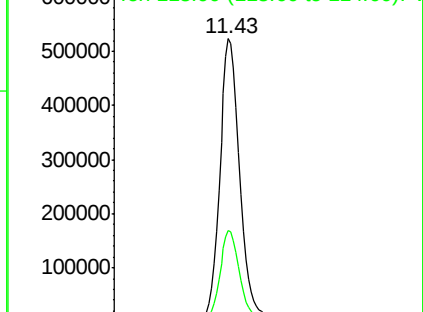


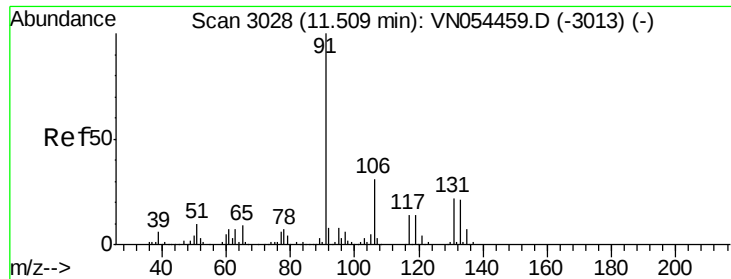
#65
Chlorobenzene
Concen: 60.263 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

Tgt Ion:112 Resp: 965903
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

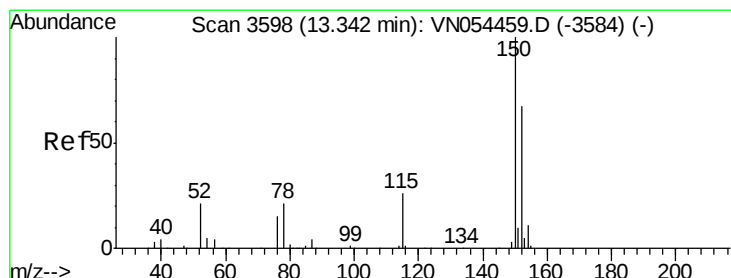
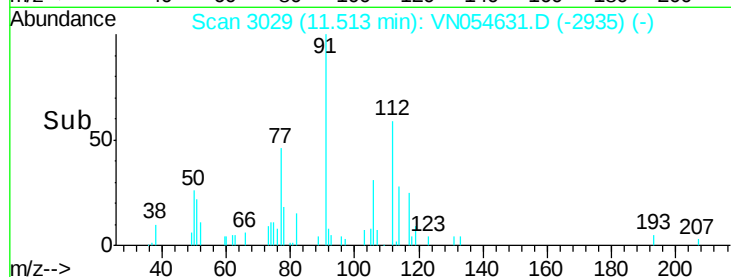
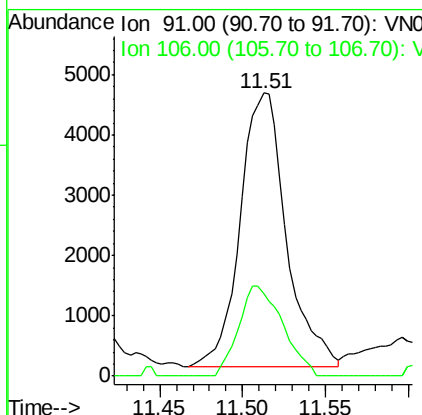
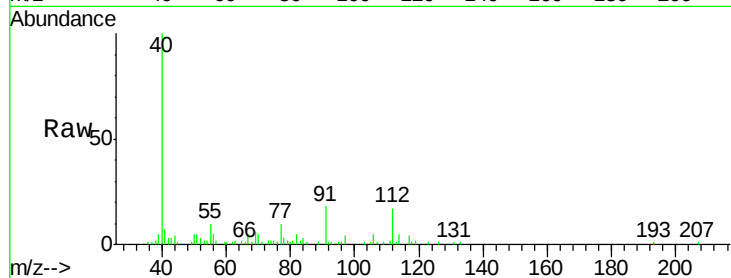




#67
Ethyl Benzene
Concen: 0.310 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

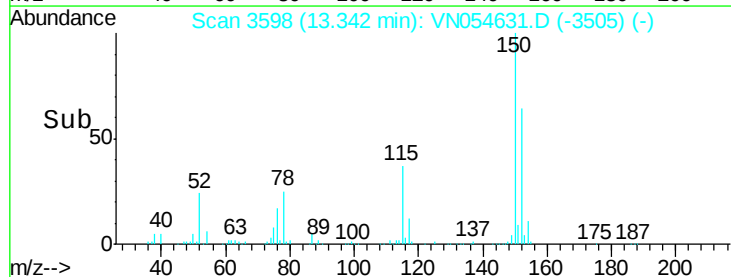
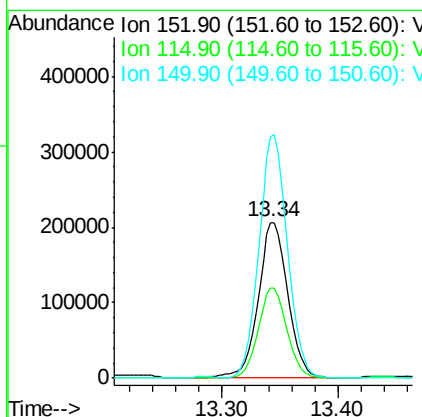
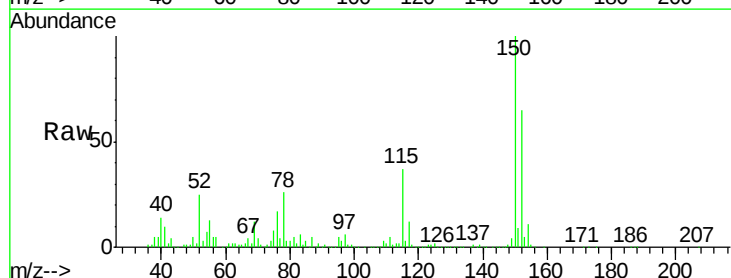
Instrument :
MSVOA_N
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WP022SB443-190319-(16-18)

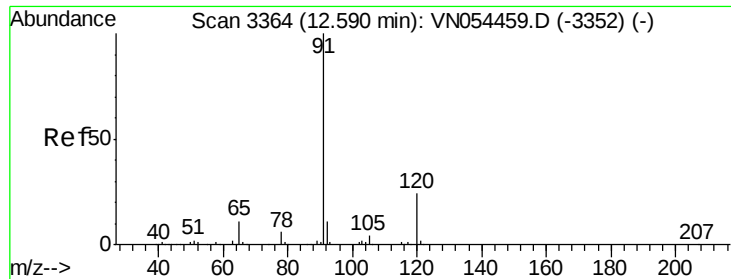
Tot Ion: 91 Resp: 8787
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

Tgt Ion: 152 Resp: 364832
Ion Ratio Lower Upper
152 100
115 55.8 27.2 81.6
150 150.8 0.0 349.2

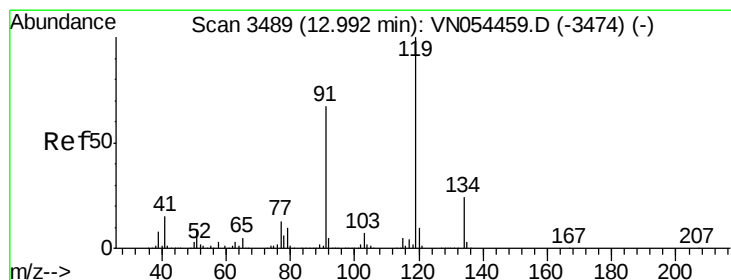
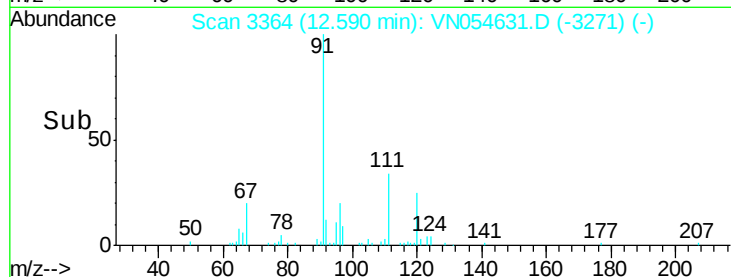
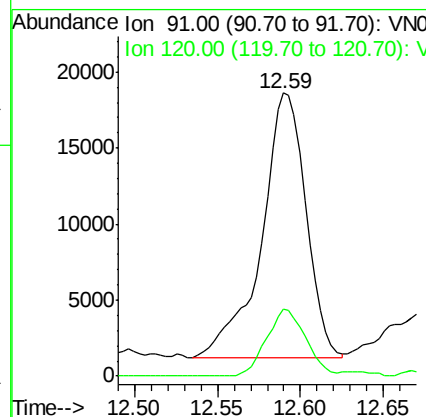
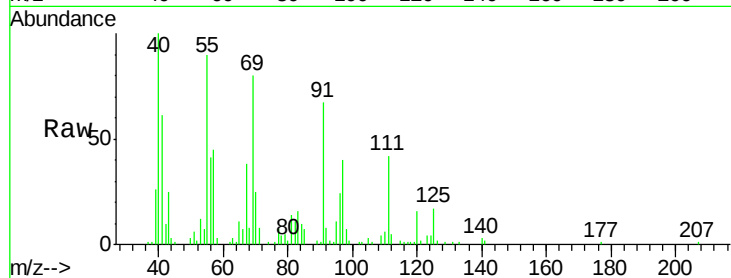




#78
n-propylbenzene
Concen: 1.020 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

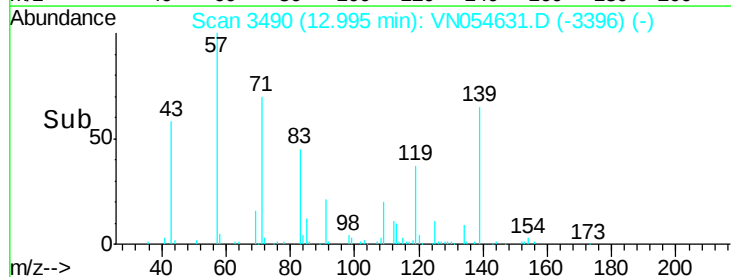
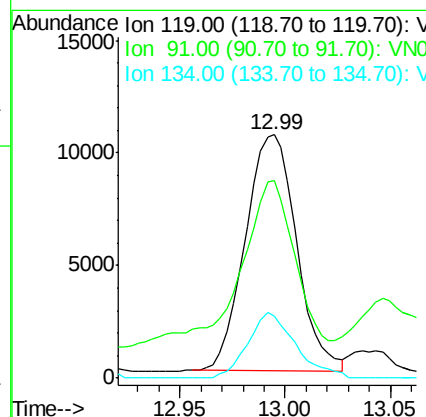
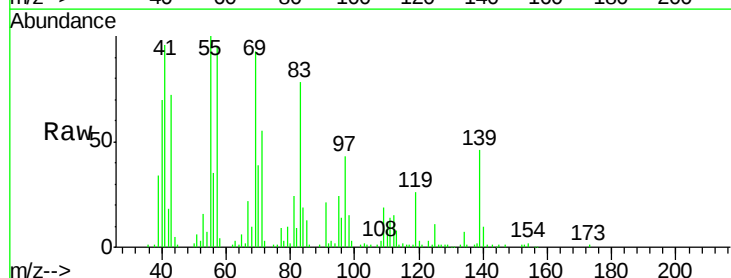
Instrument :
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WP022SB443-190319-(16-18)

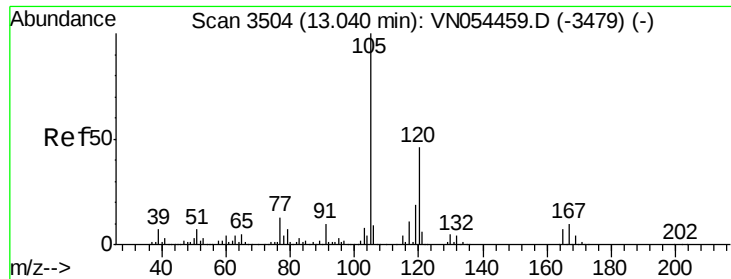
Tot Ion: 91 Resp: 32509
Ion Ratio Lower Upper
91 100
120 22.3 12.3 36.9



#83
tert-Butylbenzene
Concen: 0.842 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054631.D
Acq: 24 Mar 2019 4:20

Tgt Ion: 119 Resp: 17664
Ion Ratio Lower Upper
119 100
91 76.9 30.9 92.8
134 26.1 13.2 39.6

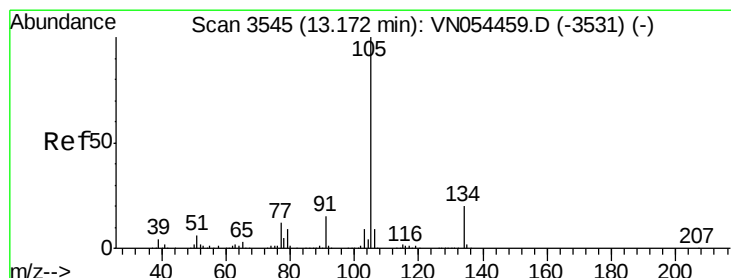
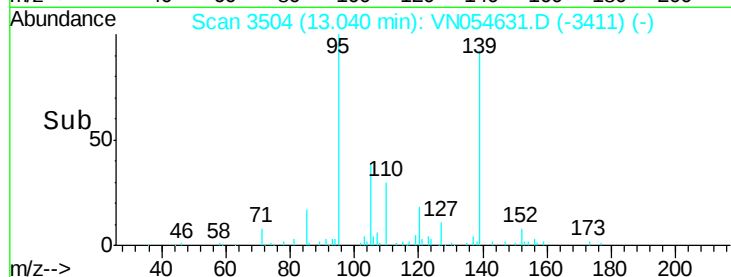
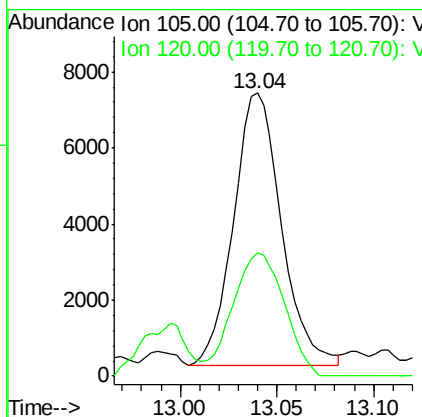
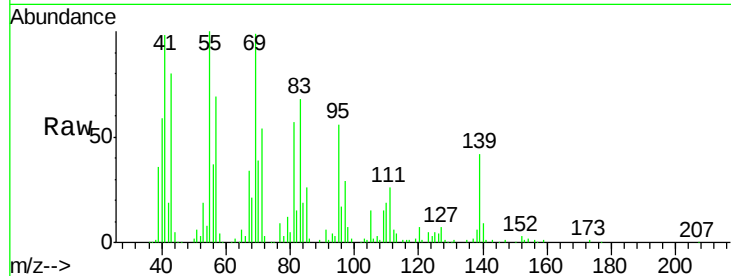




#84
 1,2,4-Trimethylbenzene
 Concen: 0.519 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054631.D
 Acq: 24 Mar 2019 4:20

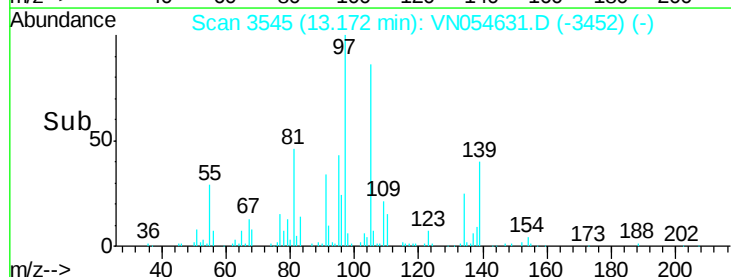
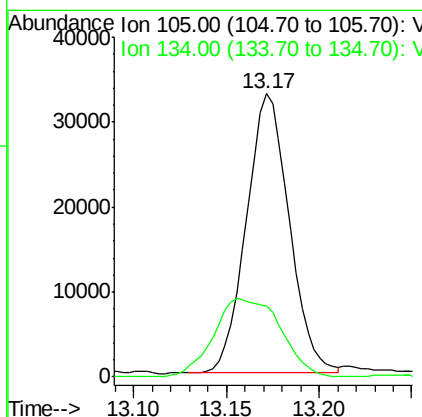
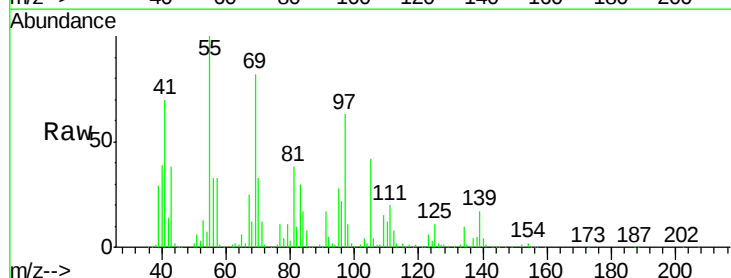
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB443-190319-(16-18)

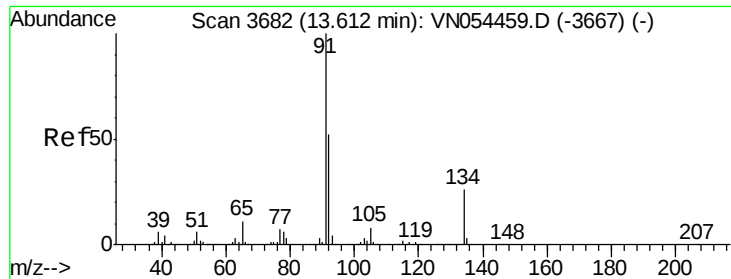
Tot Ion:105 Resp: 12269
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 2.023 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054631.D
 Acq: 24 Mar 2019 4:20

Tgt Ion:105 Resp: 52886
 Ion Ratio Lower Upper
 105 100
 134 43.4 10.7 32.1#





#89

n-Butylbenzene

Concen: 3.760 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054631.D

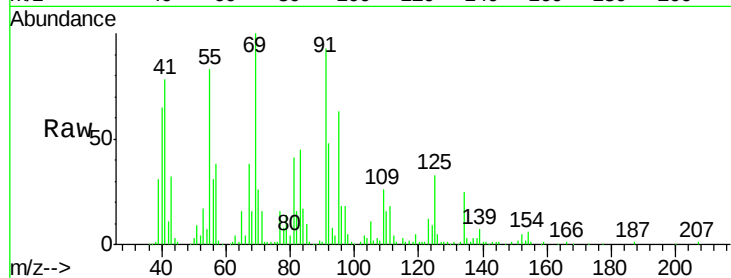
Acq: 24 Mar 2019 4:20

Instrument :

MSVOA_N

ClientSampleId :

WP022SB443-190319-(16-18)



Tot Ion: 91 Resp: 68765

Ion Ratio Lower Upper

91 100

92 48.8 26.2 78.6

134 37.2 14.3 42.9

