

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064681.D
 Acq On : 17 Nov 2020 15:31
 Operator : JC/MD
 Sample : L4772-06DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Quant Time: Nov 18 02:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

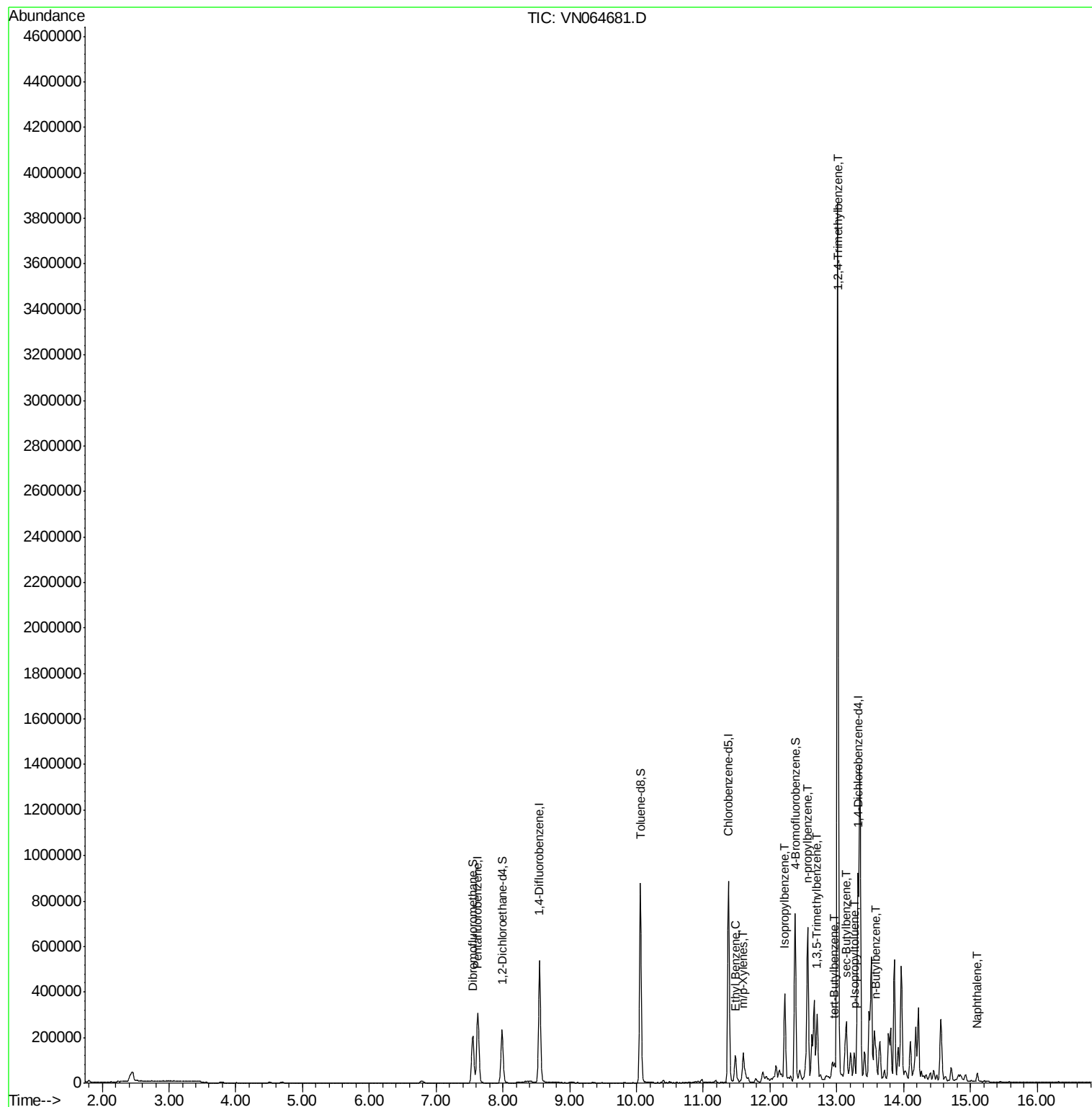
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	221114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	479538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	210803	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
35) Dibromofluoromethane	7.55	113	154550	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.06	98	580078	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.38	95	247353	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.48	91	81516	4.359	ug/l	99
68) m/p-Xylenes	11.60	106	33862	4.993	ug/l	97
73) Isopropylbenzene	12.22	105	236322	13.283	ug/l	100
78) n-propylbenzene	12.56	91	517235	25.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	129004	8.789	ug/l	98
83) tert-Butylbenzene	12.97	119	29359	2.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	2095403	142.016	ug/l	99
85) sec-Butylbenzene	13.14	105	143291	9.870	ug/l #	76
86) p-Isopropyltoluene	13.26	119	59070	4.524	ug/l	98
89) n-Butylbenzene	13.59	91	81299	7.241	ug/l #	76
95) Naphthalene	15.10	128	32201	6.056	ug/l	100

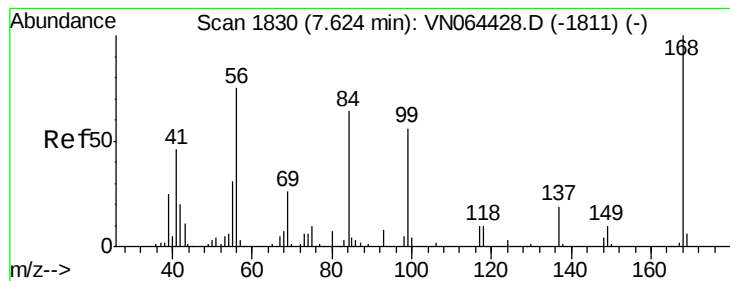
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064681.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

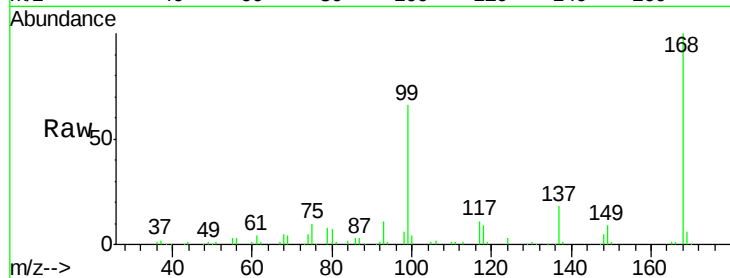
MW-2DL

Tot Ion:168 Resp: 221114

Ion Ratio Lower Upper

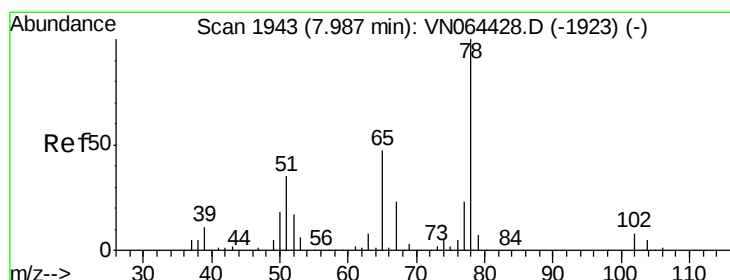
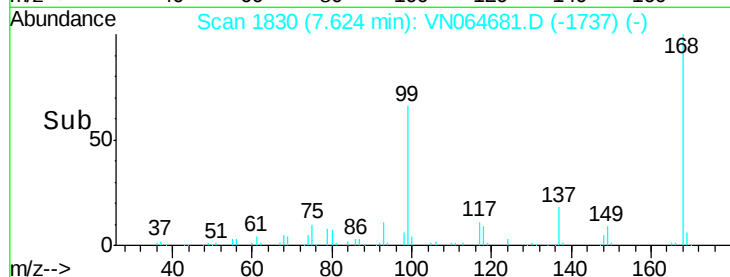
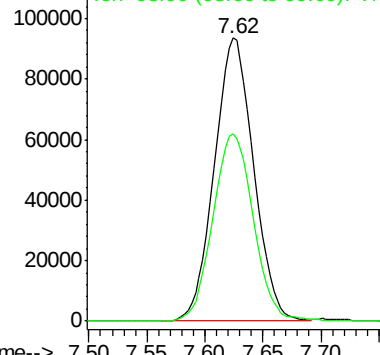
168 100

99 66.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 54.733 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064681.D

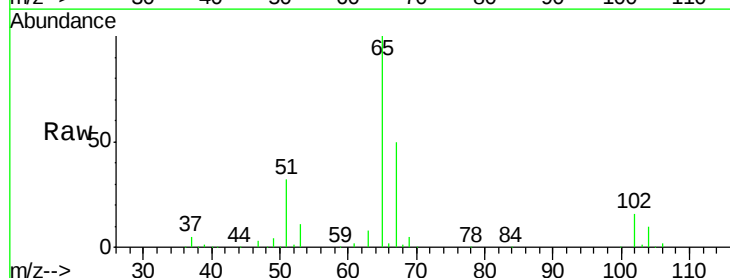
Acq: 17 Nov 2020 15:31

Tgt Ion: 65 Resp: 210803

Ion Ratio Lower Upper

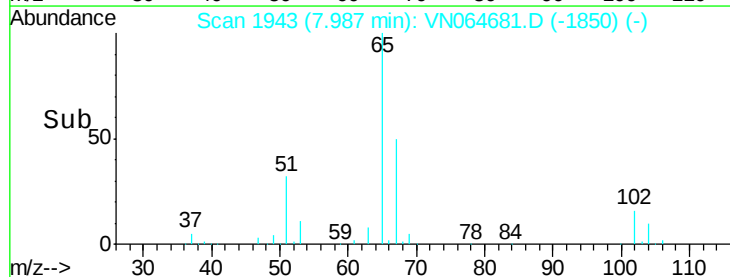
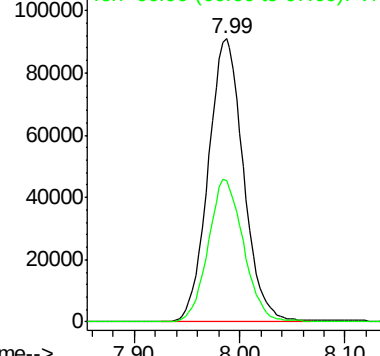
65 100

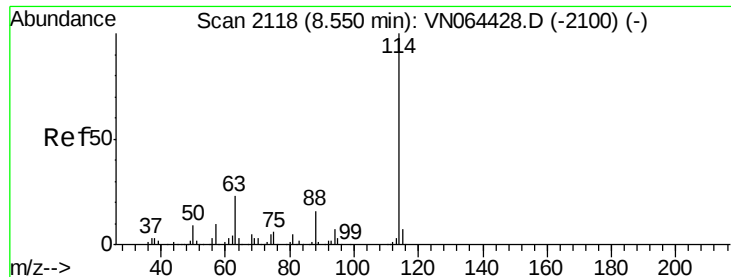
67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

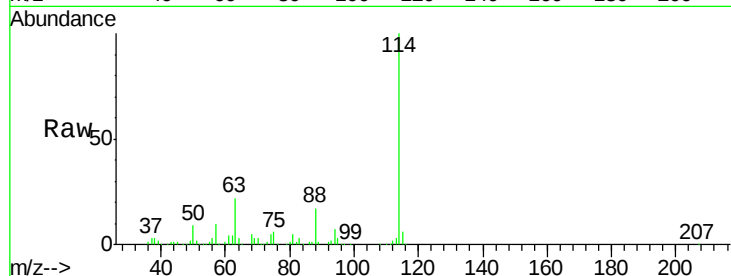




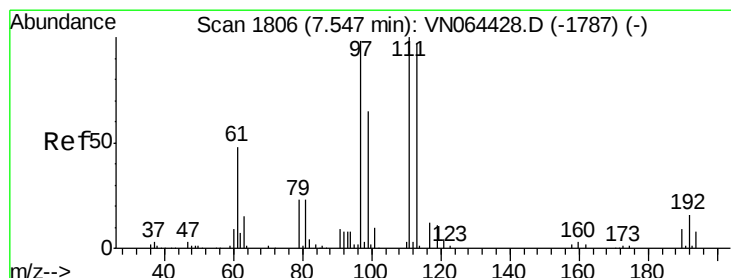
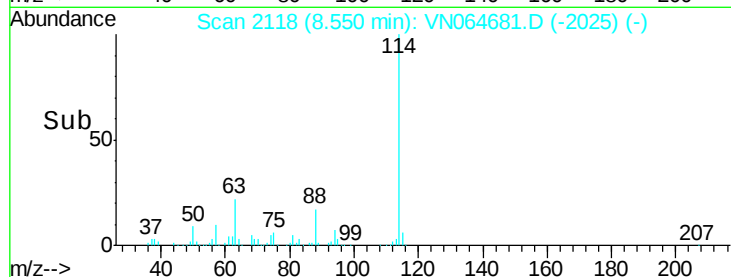
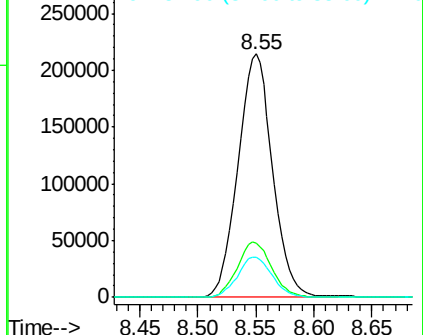
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.6
88	16.6	0.0	32.8

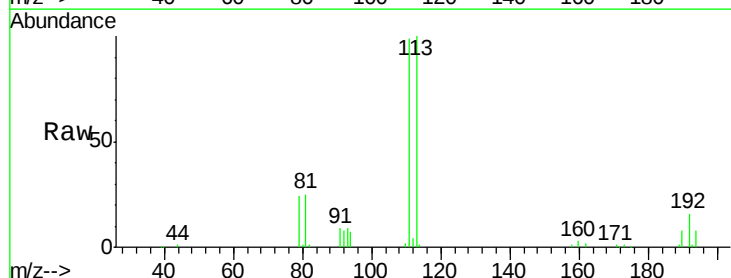


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

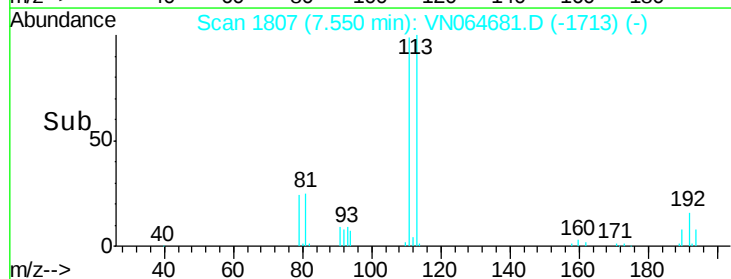
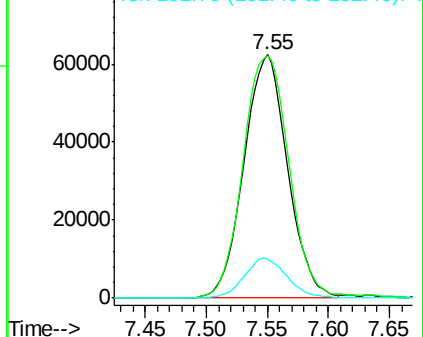


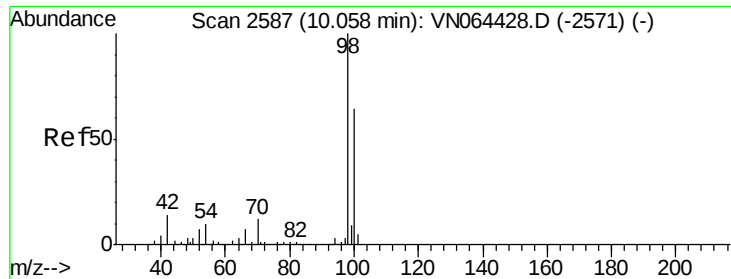
#35
 Dibromofluoromethane
 Concen: 51.279 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.1	121.7
192	16.2	12.8	19.2



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





#50

Toluene-d8

Concen: 49.797 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064681.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

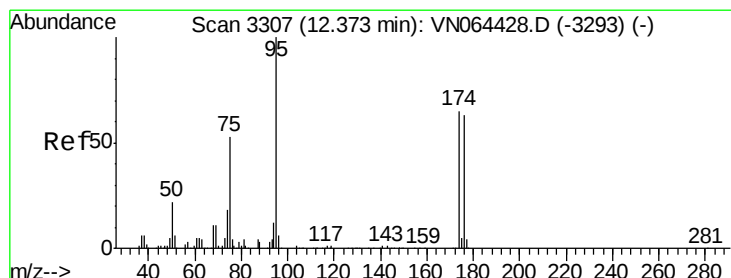
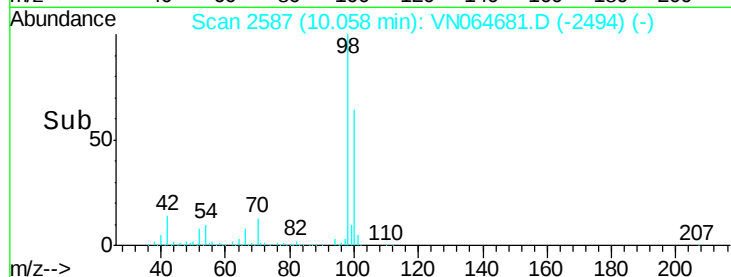
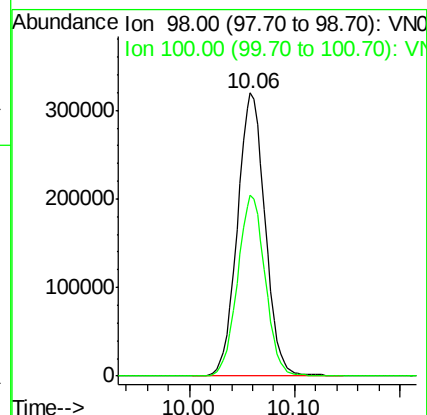
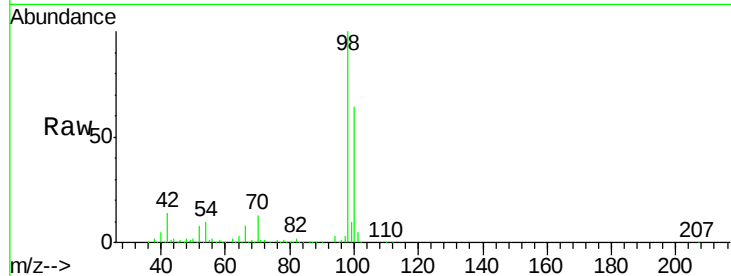
MW-2DL

Tot Ion: 98 Resp: 580078

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 56.147 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064681.D

Acq: 17 Nov 2020 15:31

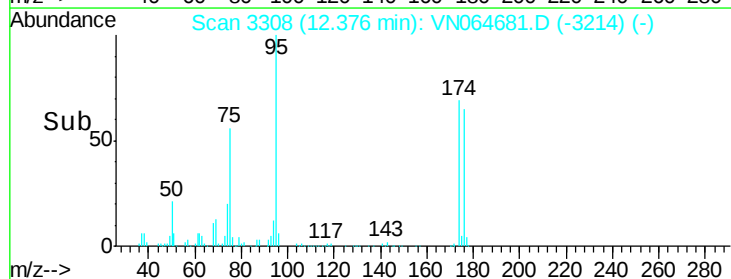
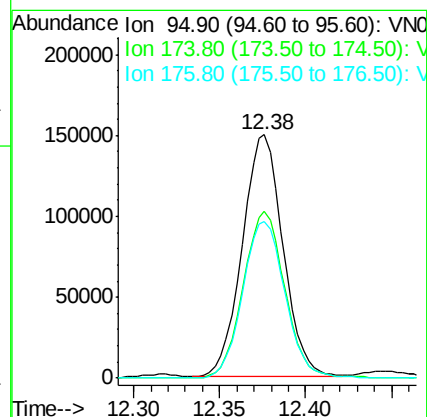
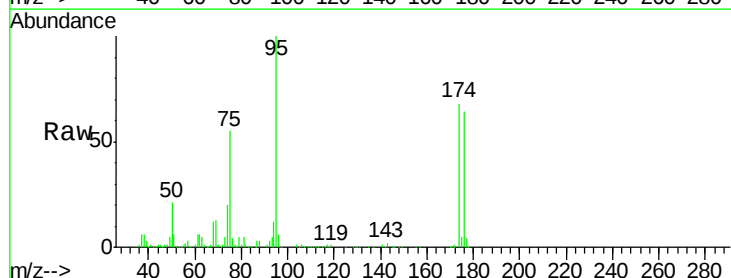
Tgt Ion: 95 Resp: 247353

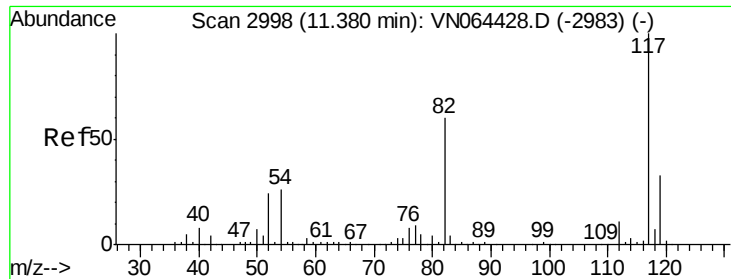
Ion Ratio Lower Upper

95 100

174 70.4 0.0 132.6

176 67.2 0.0 129.2

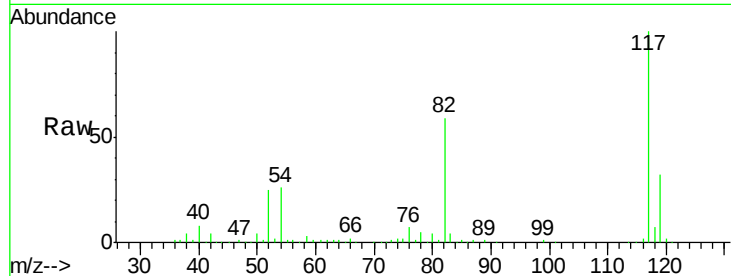




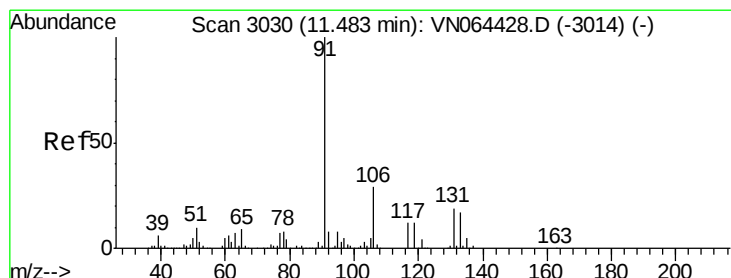
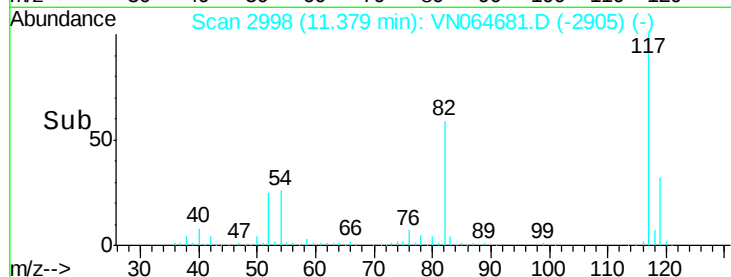
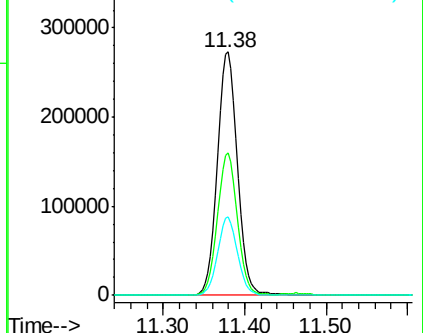
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampled :
MW-2DL

Tot Ion:117 Resp: 479538
Ion Ratio Lower Upper
117 100
82 58.5 48.1 72.1
119 32.0 26.2 39.4

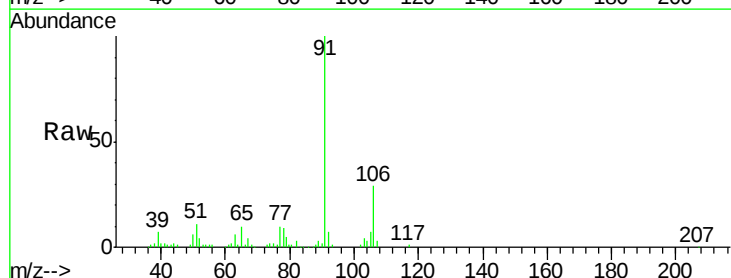


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

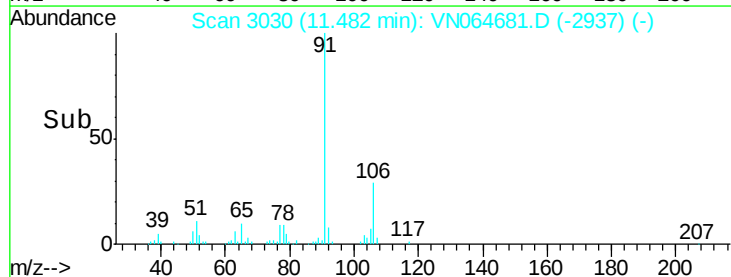
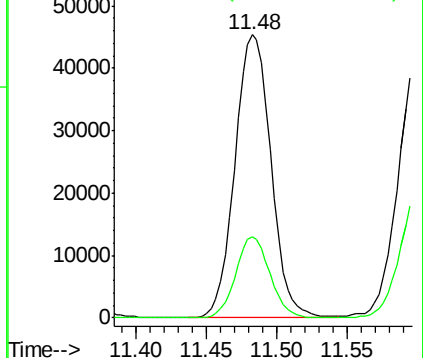


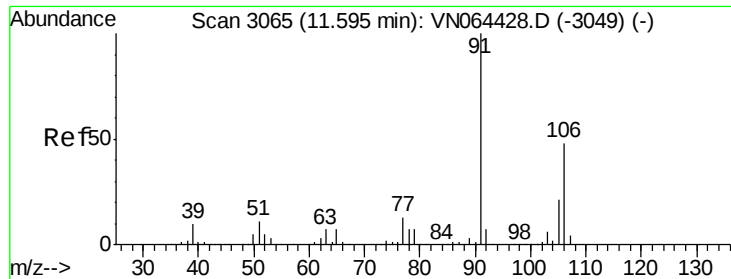
#67
Ethyl Benzene
Concen: 4.359 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Tgt Ion: 91 Resp: 81516
Ion Ratio Lower Upper
91 100
106 28.7 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

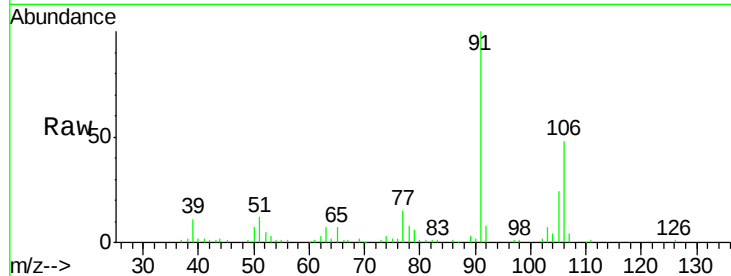




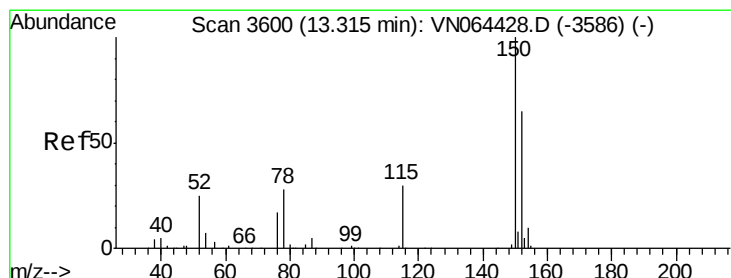
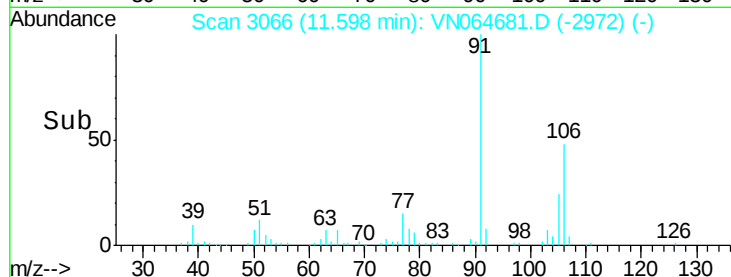
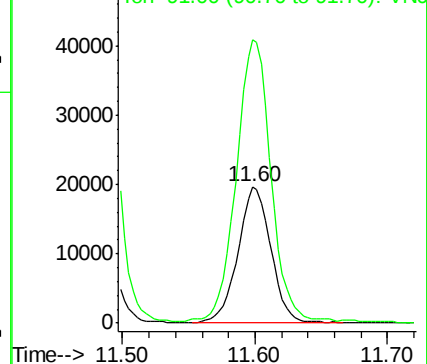
#68
m/p-Xvlenes
Concen: 4.993 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tot Ion:106 Resp: 33862
Ion Ratio Lower Upper
106 100
91 216.1 169.4 254.2

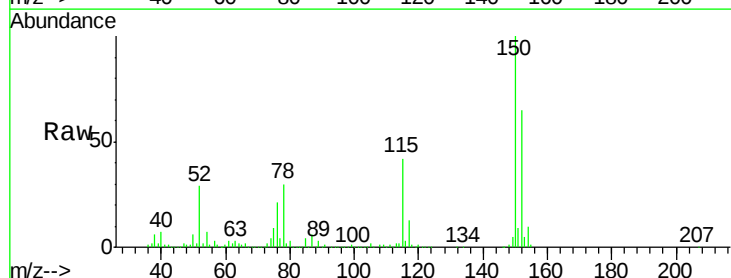


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VNO

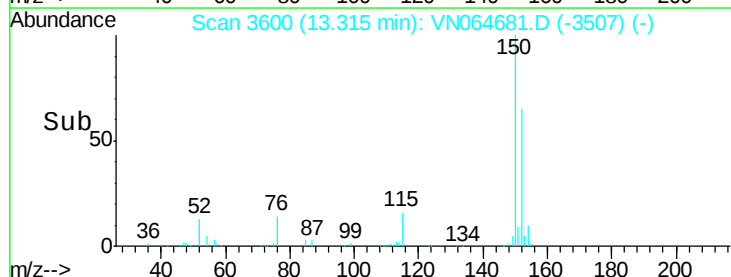
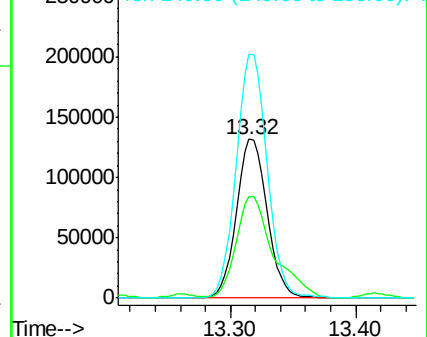


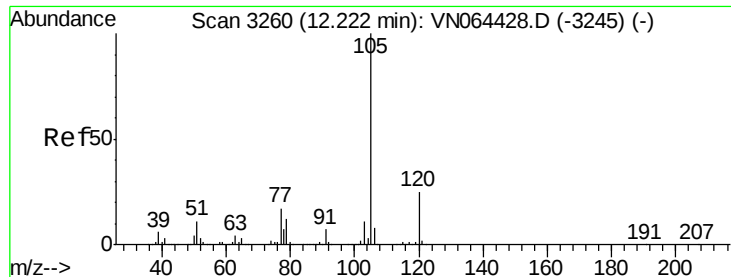
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Tgt Ion:152 Resp: 223836
Ion Ratio Lower Upper
152 100
115 76.5 32.0 96.0
150 155.0 0.0 353.8



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: 13.283 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064681.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

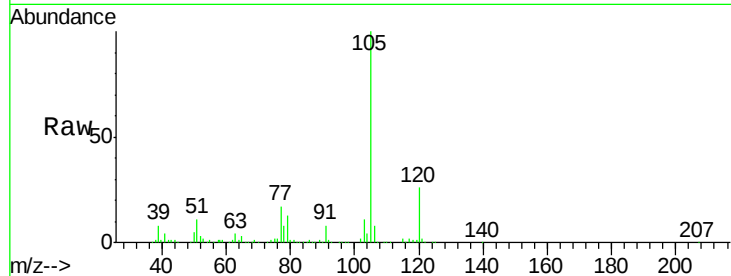
MW-2DL

Tot Ion:105 Resp: 236322

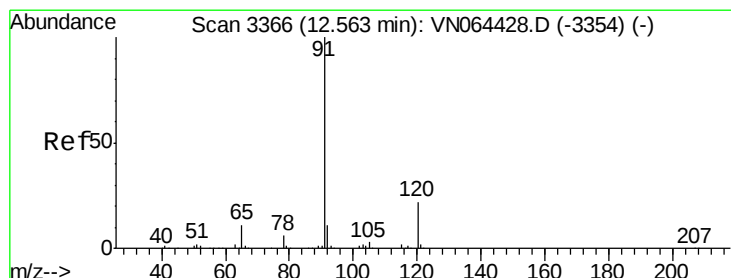
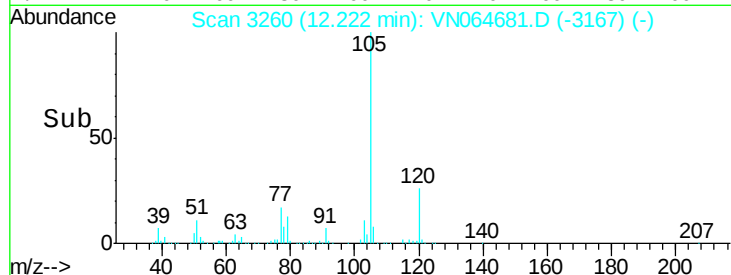
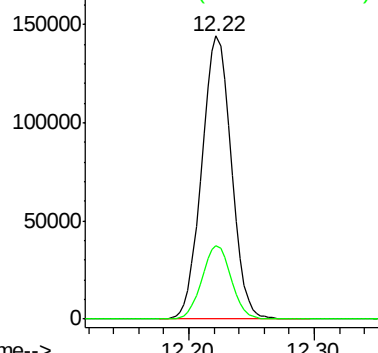
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V



#78

n-propylbenzene

Concen: 25.501 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064681.D

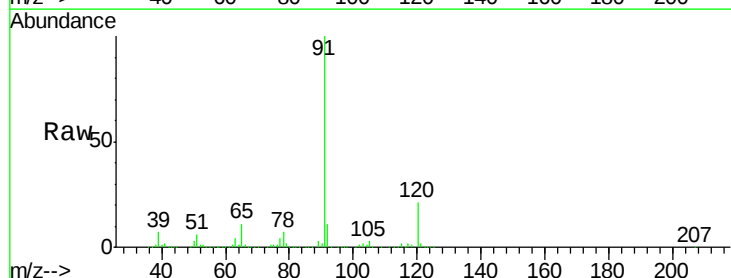
Acq: 17 Nov 2020 15:31

Tgt Ion: 91 Resp: 517235

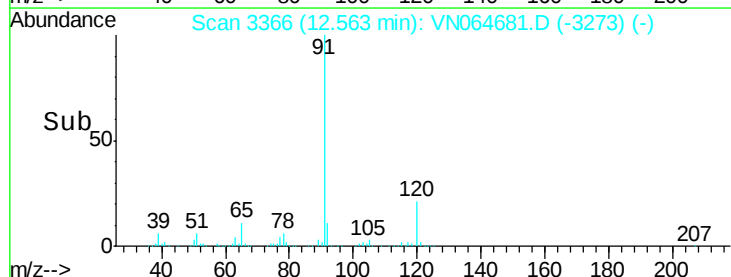
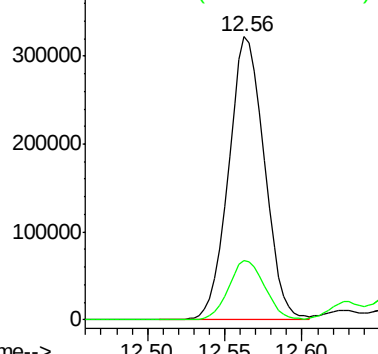
Ion Ratio Lower Upper

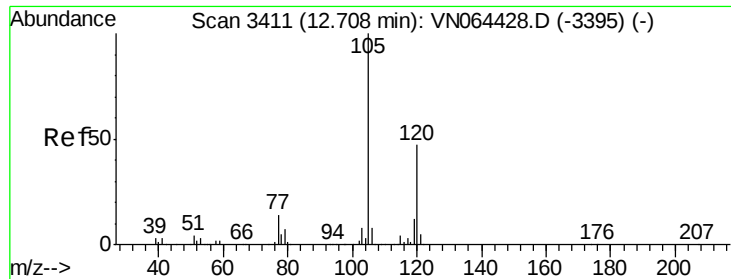
91 100

120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): V

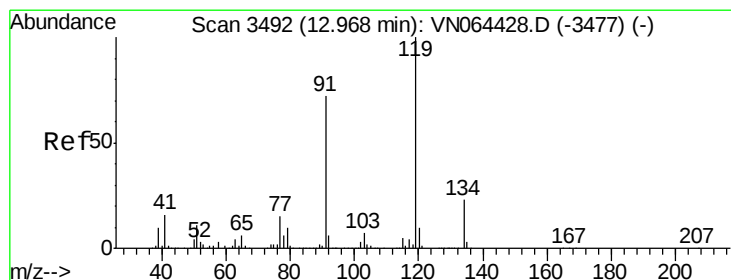
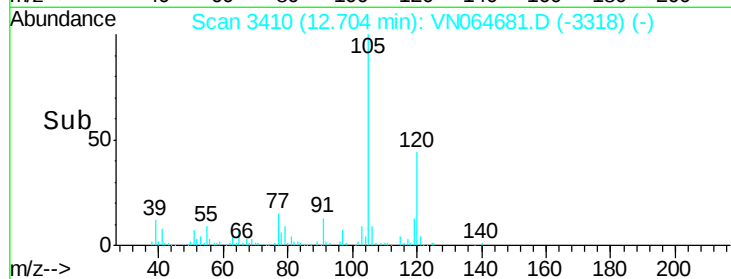
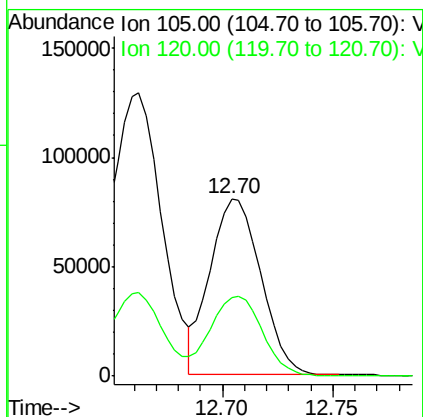
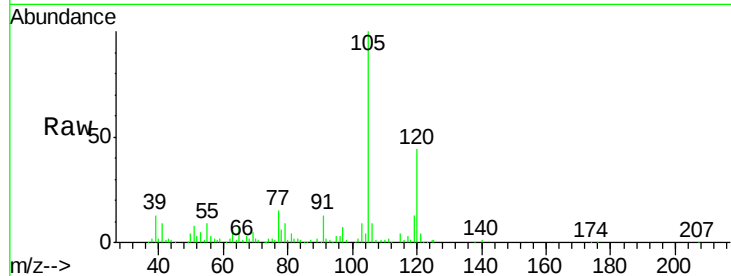




#80
 1,3,5-Trimethylbenzene
 Concen: 8.789 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

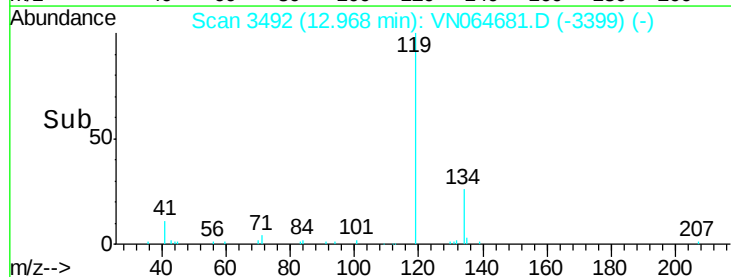
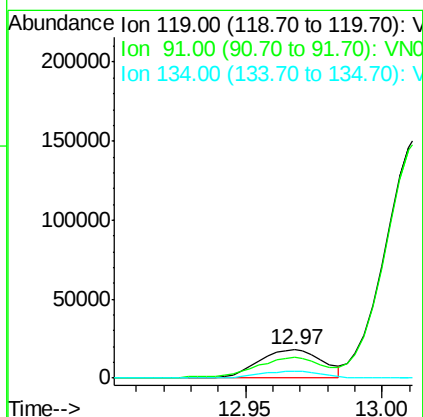
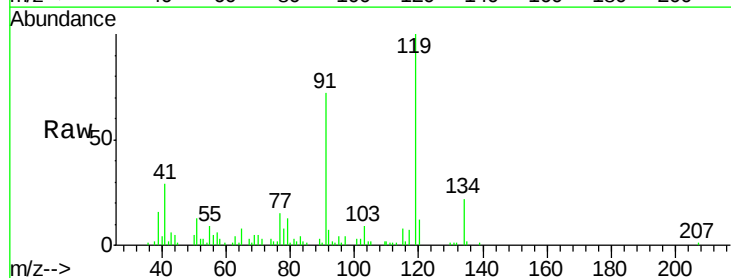
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

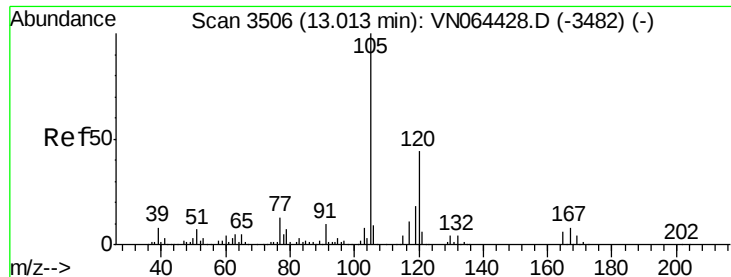
Tot Ion:105 Resp: 129004
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.2



#83
 tert-Butylbenzene
 Concen: 2.561 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

Tgt Ion:119 Resp: 29359
 Ion Ratio Lower Upper
 119 100
 91 74.7 36.1 108.3
 134 23.6 11.7 35.1

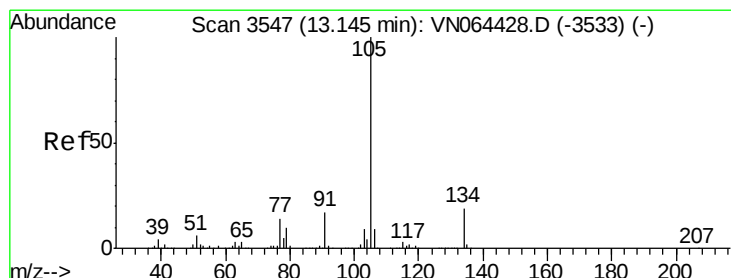
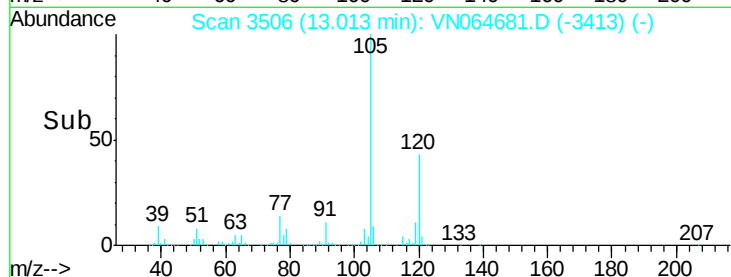
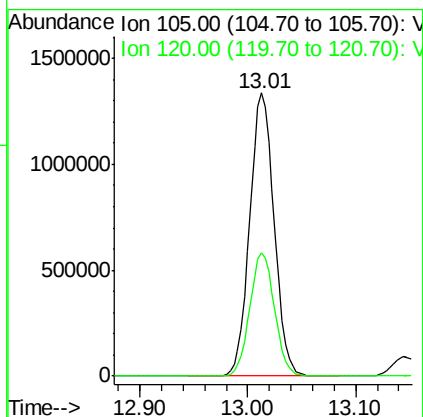
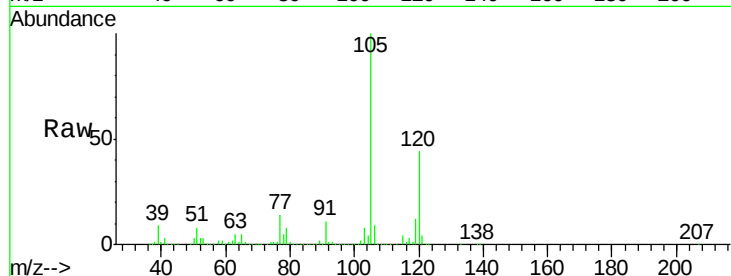




#84
1,2,4-Trimethylbenzene
Concen: 142.016 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

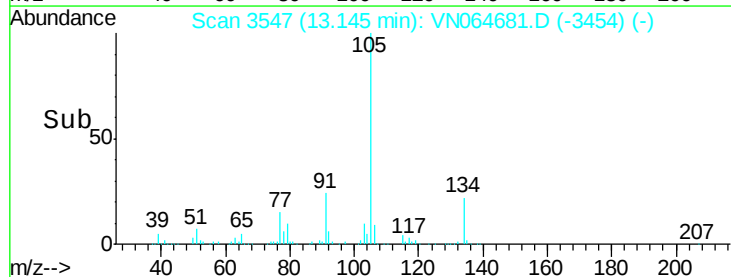
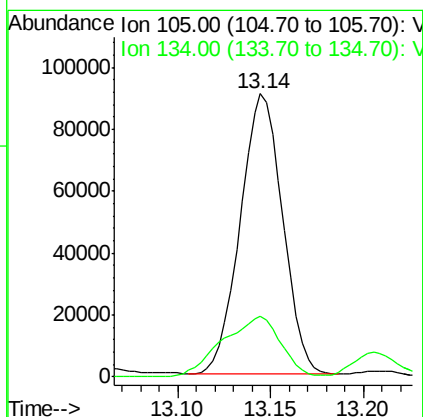
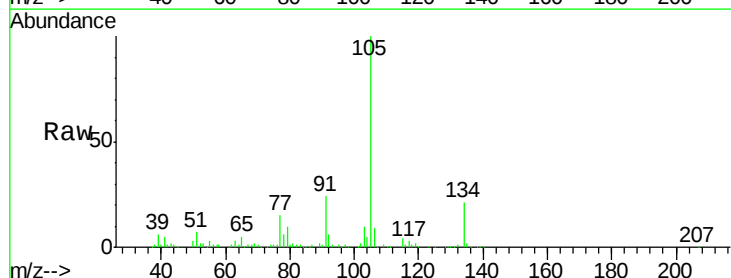
Instrument :
MSVOA_N
ClientSampled :
MW-2DL

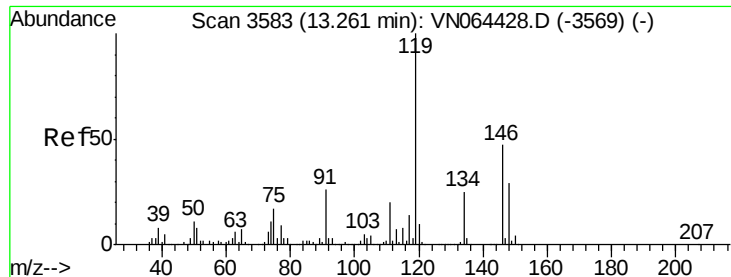
Tot Ion:105 Resp: 2095403
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.7



#85
sec-Butylbenzene
Concen: 9.870 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Tgt Ion:105 Resp: 143291
Ion Ratio Lower Upper
105 100
134 29.7 9.4 28.2#

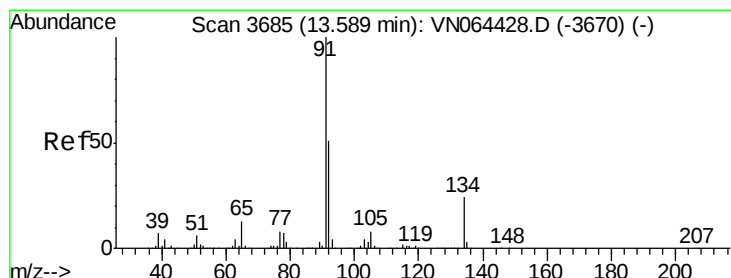
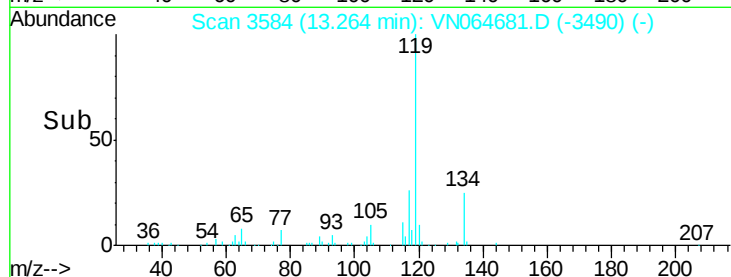
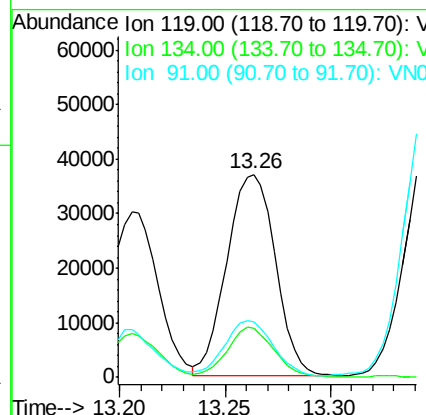
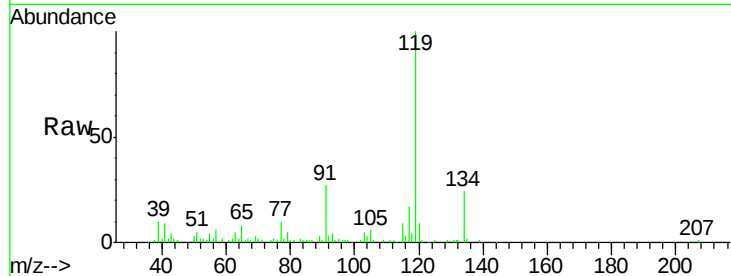




#86
 p-Isopropyltoluene
 Concen: 4.524 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

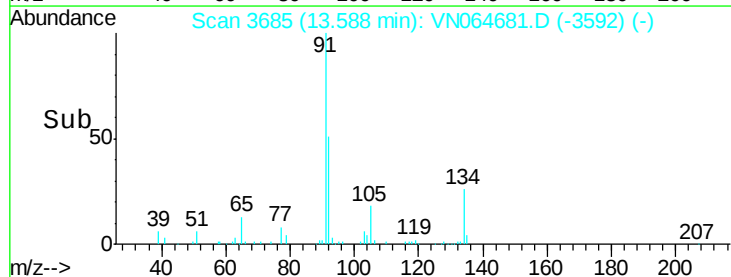
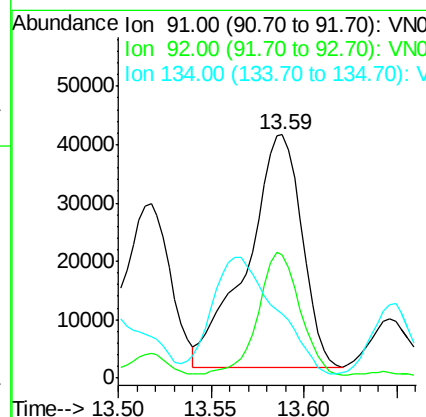
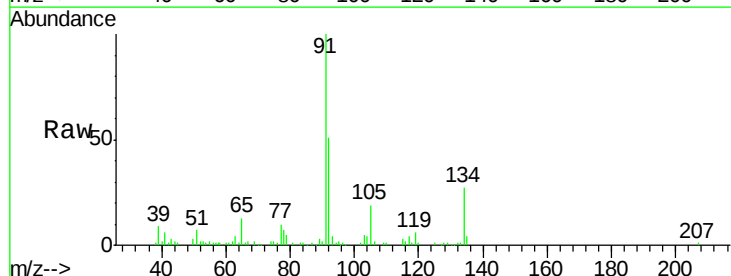
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2DL

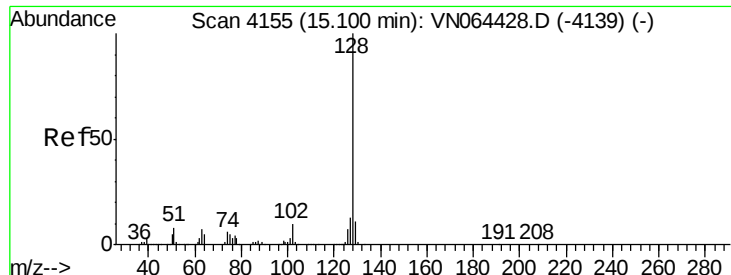
Tot Ion: 119 Resp: 59070
 Ion Ratio Lower Upper
 119 100
 134 23.9 12.6 37.6
 91 26.7 12.8 38.3



#89
 n-Butylbenzene
 Concen: 7.241 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN064681.D
 Acq: 17 Nov 2020 15:31

Tgt Ion: 91 Resp: 81299
 Ion Ratio Lower Upper
 91 100
 92 42.0 25.3 75.9
 134 0.0 11.8 35.4#

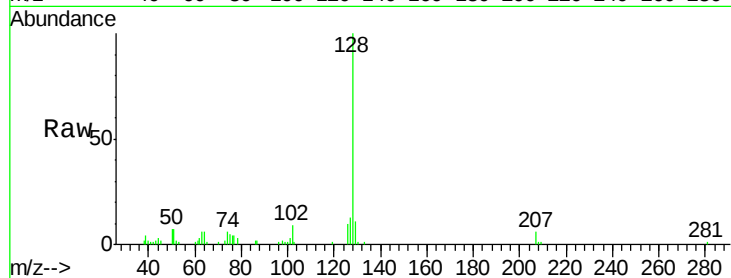




#95
Naphthalene
Concen: 6.056 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064681.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.3	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

